

Google Citation Indices	All	Since 2014
Citations	37801	19105
h-index	103	70
i10-index	362	290

**CHARLES ALEXANDER NELSON III**  
**Curriculum Vitae**

---

26 June 2019

Professor of Pediatrics and Neuroscience  
 Professor of Psychology in Psychiatry  
 Harvard Medical School  
 Professor of Education  
 Harvard Graduate School of Education  
 Richard David Scott Chair in Pediatric Developmental Medicine Research  
 Boston Children's Hospital

**Primary Office:**

Division of Developmental Medicine  
 Director, Laboratories of Cognitive Neuroscience  
 Boston Children's Hospital  
 1 Autumn Street  
 Suite AU621  
 Boston, Massachusetts 02215

**Secondary Office:**

508 Larsen Hall  
 Graduate School of Education  
 Harvard University  
 Cambridge, Massachusetts 02138

Office: 617.355.0401 (primary), 617.496.3149 (secondary)  
 Laboratory: 617.355.0400  
 E-mail: Charles\_nelson@harvard.edu

Lab Website: <http://www.childrenshospital.org/research-and-innovation/research/labs/nelson-laboratory>

Facebook page: <https://www.facebook.com/wherethekidshelpkids>

Twitter: <https://twitter.com/CharlesaNelson1>

The Bucharest Early Intervention Project: <http://www.childrenshospital.org/beip>

The Bangladesh Early Adversity Neuroimaging Project: <https://www.lcn-bean.org/>

**EDUCATION**

---

B.A.	McGill University Psychology, Honours	Montreal, Canada	1975
M.S.	University of Wisconsin Educational Psychology	Madison, Wisconsin	1976

M.S.	University of Wisconsin Psychology	Madison, Wisconsin	1977
Ph.D.	University of Kansas Child and Developmental Psychology	Lawrence, Kansas	1981
Postdoc	University of Minnesota Electrophysiology	Minneapolis, Minnesota	1981-1983

## HONORS

---

- Honours in Psychology, McGill University (1975)
- *Who's Who in America*
- *Who's Who in the World*
- *Directory of American Scholars*
- McKnight-Land Grant Professorship, University of Minnesota (1986–1988)
- Joseph P. Kennedy Award
- Core Group Member, MacArthur Foundation
- Research Network on Psychopathology and Development (1994– 2000)
- Fellow, American Psychological Society
- Fellow, American Association for the Advancement of Science
- Fellow, American Psychological Association
- Chair, MacArthur Foundation Research Network on Early Experience and Brain Development (1998– 2005)
- Distinguished McKnight University Professor, University of Minnesota (1998– 2005)
- Nancy M. and John E. Lindahl Professor for Excellence in Teaching and Learning, University of Minnesota (2002– 2005)
- Honorary Member, Romanian Academy of Medical Sciences
- Richard David Scott Chair in Pediatric Developmental Medicine Research, Children's Hospital Boston Harvard Medical School (2005– Present)
- Honorary M.S., Harvard University, Cambridge, Massachusetts (2005)
- Knowles Scholar, Harvard College (2008, 2010)
- Certificate of Merit Co-Author of Award-Winning Essay, Art and Science Category, Plastic Surgery Education Foundation Awards (2009)
- Resident Fellow, Rockefeller Foundation Bellagio Center (2011)
- Doctor Honoris Causa, Bucharest University (2011)
- Astor Visiting Professor lecture, Department of Experimental Psychology, Oxford University (2011)
- Honorable Mention in Biological Psychiatry, Ziskind-Somerfeld Research Award (2012)
- Leon Eisenberg Award, Harvard Medical School, (2013)
- Elected, American Academy of Arts and Sciences (2013-)
- Maureen Evans Award, Joint Council on International Children's Services, (2013)
- Ruane Prize for Child and Adolescent Psychiatric Research, Brain & Behavior Research Foundation (2017)

- T. Berry Brazelton Award for Innovation, Boston Children’s Hospital/Harvard Medical School (2017)
- Elected, National Academy of Medicine (2018-)
- Donald D. Matson Lecture, *Exposure to Early Adversity Can Undermine Healthy Brain Development*. American Association of Neurological Surgeons Annual Scientific Meeting, San Diego, CA (2019)

## **MEDIA COVERAGE (past 10 years)**

---

### TELEVISION / DOCUMENTARY INTERVIEWS & LAB FILMING

- “Teaching anti-vax parents to trust science and the MMR vaccine”  
CBS Sunday Morning, May 12, 2019  
[https://www.cbsnews.com/news/mmr-vaccine-teaching-anti-vax-parents-to-trust-science/?fbclid=IwAR2oGxgofVUmMyFIRfB63rS\\_dHKawXJ7B70zAD7AcYO67XxKr3ZGEQL4gN8](https://www.cbsnews.com/news/mmr-vaccine-teaching-anti-vax-parents-to-trust-science/?fbclid=IwAR2oGxgofVUmMyFIRfB63rS_dHKawXJ7B70zAD7AcYO67XxKr3ZGEQL4gN8)
- “What impact could family separation have on children’s health?”  
NBC Nightly News with Lester Holt, June 29, 2018  
<https://www.nbcnews.com/nightly-news/video/what-impact-could-family-separation-have-on-children-s-health-1267100739618>
- “Broken Places”  
PBS Documentary, June 28, 2018
- “Could America Make a Return to Orphanages for Immigrant Children?”  
Matter of Fact with Soledad O’Brien, June 23, 2018  
<http://matteroffact.tv/could-america-make-a-return-to-orphanages-for-immigrant-children/>
- “Families Torn Apart”  
MSNBC Live, June 19, 2018  
<https://www.facebook.com/195693901375/posts/10155693326351376/>
- “Professor of Pediatrics at Harvard Medical School Charles Nelson joins us to discuss the physical effects children face when they are forcibly separated from their families.”  
CTV News Channel, June 19, 2018  
<https://www.facebook.com/CTVNewsChannel/videos/1824521520942504/>
- “New research has potential to predict children at risk for autism”  
Fox News Boston, May 17, 2018  
<https://www.fox25boston.com/news/new-research-has-potential-to-predict-children-at-risk-for-autism/750562128>
- “Study: Autism Can Now be Detected in 3-Month-Old Babies”  
NBC News Boston, May 16, 2018  
<https://www.nbcboston.com/news/local/Study-Autism-Can-Now-be-Detected-in-3-Month-Old-Babies-482853141.html>
- “O Caso dos Órfãos da Romênia”

O Começo da Vida (The Beginning of Life)

<http://ocomecodavida.com.br/o-caso-dos-orfaos-da-romenia/>

- International Rescue Committee and Sesame Workshop MacArthur Foundation  
100&Change Video  
<https://twitter.com/theIRC/status/938163218744336384>
- “2017 Ruane Prizewinners: Drs. Fox, Nelson, and Zeanah”  
Brain & Behavior Research Foundation, October 30, 2017  
<https://www.youtube.com/watch?v=ZHycFcozxoU>
- “The Effects of Early Exposure to Anesthesia on the Developing Brain”  
OPENPediatrics Review Channel, May 8, 2017  
<https://www.openpediatrics.org/assets/video/effects-early-exposure-anesthesia-developing-brain>
- “Charlie Rose Brain Series: Childhood Adversity”  
Charlie Rose, February 10, 2017  
<https://charlierose.com/collections/3/clip/29983>
- “The Beginning of Life”  
Maria Farinha Filmes, May 5, 2016  
<http://mff.com.br/en/filmes/the-beginning-of-life/>
- "Charlie Rose Brain Series: The Biology of Parenting"  
Charlie Rose, May 26, 2015  
<https://charlierose.com/episodes/28329>
- "O Começo da Vida"  
Desenvolvimento Infantil- FMCSV, February 25, 2016  
<http://www.fmcsv.org.br/pt-br/o-que-fazemos/filme-o-comeco-da-vida/Paginas/filme-o-comeco-da-vida.aspx>
- "The Brain with David Eagleman"  
PBS, October 21, 2015  
<http://www.pbs.org/show/brain-david-eagleman/>
- "Romania's abandoned children"  
*ABC (Australian Broadcasting Corporation)*, July 6, 2014  
<http://www.abc.net.au/radionational/programs/allinthemind/romania27s-abandoned-children/5502878>
- "Romanian orphans subjected to deprivation must now deal with dysfunction"  
*The Washington Post*, January 30, 2014  
[https://www.washingtonpost.com/local/romanian-orphans-subjected-to-deprivation-must-now-deal-with-disfunction/2014/01/30/a9dbea6c-5d13-11e3-be07-006c776266ed\\_story.html?utm\\_term=.fcbcb883ca8e](https://www.washingtonpost.com/local/romanian-orphans-subjected-to-deprivation-must-now-deal-with-disfunction/2014/01/30/a9dbea6c-5d13-11e3-be07-006c776266ed_story.html?utm_term=.fcbcb883ca8e)
- "Brain Waves Detect Babies' Potential Risk of Autism"  
*ABC News*, February 22, 2011

<http://abcnews.go.com/Health/Autism/researchers-detect-babies-potential-risk-autism/story?id=12967634>

- "Decoding Autism"  
*NJN Public Television*, September 2010  
<https://www.youtube.com/watch?v=emEEPISJLck>
- "The Science of Reading a Face"  
*Good Morning America*, December 4, 2009  
<http://abcnews.go.com/GMA/HealthyLiving/autism-research-benefit-studying-babies-facial-recognition-experts/story?id=9244817>
- "Looking for Answers on Autism"  
*The TODAY Show*, April 2, 2009  
<https://www.today.com/id/26184891/#30009205>
- "Autism Genes"  
*NOVA Science NOW*, July 7, 2009  
<http://www.pbs.org/wgbh/nova/body/autism-genes.html>

#### RADIO/PODCAST INTERVIEWS

- "Jeff Flake, Mojave Rattlesnakes, Pediatric Trauma"  
Top of Mind Radio with Julie Rose, BYU Radio, January 24, 2019  
<https://www.byuradio.org/episode/2e0ca8ad-981c-4f99-8b7b-41aec66a1dc3?playhead=2292&autoplay=true>
- "Long-Term Effects Feared For Children Separated At Border"  
Living Lab Radio on WCAI, June 25, 2018  
<http://capeandislands.org/post/long-term-effects-feared-children-separated-border#stream/0>
- "What Detention And Separation Mean For Kids' Mental Health"  
National Public Radio, Weekend Edition Saturday, June 23, 2018  
<https://www.npr.org/2018/06/23/622795471/what-detention-and-separation-mean-for-kids-mental-health>
- "Science Of Family Separation And Trauma Suggests Long-Term Damage"  
New England Public Radio, June 21, 2018  
<http://nepr.net/post/science-family-separation-and-trauma-suggests-long-term-damage#stream/0>
- "Deep dive into immigration: pending legislation on the Hill, psychological impact of family separation and how we got here"  
AirTalk with Larry Mantle, KPCC Radio, June 19, 2018  
<http://www.scpr.org/programs/airtalk/2018/06/19/63227/deep-dive-into-immigration-pending-legislation-on/>
- "Children at the Border"  
*Circle of Willis: The Science and the Scientists*, June 11, 2018  
<http://circleofwillispodcast.com/children-at-the-border>

- “Effects of poverty on child development”  
*The Lancet Child & Adolescent Health*, July 26, 2017  
[http://www.thelancet.com/journals/lanchi/article/PIIS2352-4642\(17\)30024-X/fulltext](http://www.thelancet.com/journals/lanchi/article/PIIS2352-4642(17)30024-X/fulltext)
- “Does Poverty Change the Way We Think?”  
*The Inquiry*, *BBC World Service*, May 25, 2017  
<http://www.bbc.co.uk/programmes/p0537nbj>
- “Toxic Stress”  
*The Sound of Ideas*, June 22, 2016  
<http://www.ideastream.org/programs/sound-of-ideas/toxic-stress>
- "New Data on Environmental Factors"  
*Autism Science Fdn*, February 12, 2015  
<https://www.youtube.com/watch?v=3HuSerhQJjk&feature=youtu.be>
- “Orphans’ Lonely Beginnings Reveal How Parents Shape a Child’s Brain”  
*New Hampshire Public Radio*, February 24, 2014  
<http://www.npr.org/sections/health-shots/2014/02/20/280237833/orphans-lonely-beginnings-reveal-how-parents-shape-a-childs-brain>
- "Tipping the Scales Toward Environment vs. Genetics in New Autism Research"  
*Radio Boston*, July 7, 2011  
<http://radioboston.legacy.wbur.org/2011/07/12/commonhealth-autism>
- "The Brains of Babies"  
*CBC Radio One*, March 9, 2009  
<http://www.cbc.ca/player/play/1487870857>

#### NEWS COVERAGE (print & online news & magazines)

- “The scientific effort to protect babies from trauma before it happens”  
*Quartz*, June 22, 2019  
<https://qz.com/1629793/the-scientific-effort-to-protect-babies-from-trauma/>
- “Revealing autism’s hidden strengths”  
*Spectrum*, December 19, 2018  
<https://www.spectrumnews.org/features/deep-dive/revealing-autisms-hidden-strengths/>
- “Can these researchers catch cancer much earlier than ever before?”  
*Boston Globe*, December 10, 2018  
<https://www.bostonglobe.com/magazine/2018/12/10/can-these-researchers-catch-cancer-much-earlier-than-ever-before/sENzKATbyLojC3tGM2IrbM/story.html#comments>
- “How Traumatized Children See the World, According to Their Drawings”  
*TIME*, November 14, 2018  
<http://time.com/longform/toxic-stress-children-migrant-trauma/>
- “National Academy of Medicine Elects 85 New Members”  
*National Academy of Medicine*, October 15, 2018  
<https://nam.edu/national-academy-of-medicine-elects-85-new-members/>
- “No, Family Separations are Not All the Same”

The Chronicle of Social Change, September 6, 2018

<https://chronicleofsocialchange.org/child-welfare-2/family-separation-child-welfare-foster-care-immigration/32150>

- “Can you remember being a baby?”  
Gizmodo, August 6, 2018  
<https://gizmodo.com/can-you-remembering-being-a-baby-1828127243>
- “Brazil’s audacious plan to fight poverty using neuroscience and parents’ love”  
Quartz, June 29, 2018  
<https://qz.com/1298387/brazils-wildly-ambitious-incredibly-precarious-program-to-visit-every-poor-mother-and-change-their-childrens-destiny/>
- “How separating children from parents causes irreparable harm”  
Spectrum, June 26, 2018  
<https://www.spectrumnews.org/opinion/viewpoint/separating-children-parents-causes-irreparable-harm/>
- “The only buffer you have is a parent. Take that away, and everything falls apart.”  
Quartz, June 21, 2018  
<https://qz.com/1310749/the-fundamental-moral-disaster-of-family-separations/>
- “Children seized at US border will face lasting health effects”  
New Scientist, June 20, 2018  
<https://www.newscientist.com/article/2172120-children-seized-at-us-border-will-face-lasting-health-effects/>
- “The health impact of separating migrant children from parents”  
BBC News, June 19, 2018  
<https://www.bbc.com/news/world-us-canada-44528900>
- “What separation from parents does to children: ‘The effect is catastrophic’”  
The Washington Post, June 18, 2018  
[https://www.washingtonpost.com/national/health-science/what-separation-from-parents-does-to-children-the-effect-is-catastrophic/2018/06/18/c00c30ec-732c-11e8-805c-4b67019fcfe4\\_story.html?noredirect=on&utm\\_term=.3fa065004d03](https://www.washingtonpost.com/national/health-science/what-separation-from-parents-does-to-children-the-effect-is-catastrophic/2018/06/18/c00c30ec-732c-11e8-805c-4b67019fcfe4_story.html?noredirect=on&utm_term=.3fa065004d03)
- “How to Turn Children Into Criminals”  
New York Times, May 30, 2018  
[https://www.nytimes.com/2018/05/30/opinion/how-to-turn-children-into-criminals.html?rref=collection%2Fsectioncollection%2Fopinion&action=click&contentCollection=opinion&region=stream&module=stream\\_unit&version=latest&contentPlacement=2&pgtype=sectionfront](https://www.nytimes.com/2018/05/30/opinion/how-to-turn-children-into-criminals.html?rref=collection%2Fsectioncollection%2Fopinion&action=click&contentCollection=opinion&region=stream&module=stream_unit&version=latest&contentPlacement=2&pgtype=sectionfront)
- “New autism research could predict whether children as young as 3 months old are at risk”  
Dayton Daily News, May 17, 2018  
<https://www.daytondailynews.com/lifestyles/health/new-autism-research-could-predict-whether-children-young-months-old-are-risk/DOfa7xJv6SerzDRCg0xZKP/>
- “Diagnosing autism in infants? EEG algorithms make accurate predictions”

Vector, Boston Children's Hospital, May 1, 2018

<https://vector.childrenshospital.org/2018/05/predicting-autism-eggs/>

- “Infinitesimal Odds: A Scientist Finds Her Child's Rare Illness Stems From the Gene She Studies”  
New York Times, April 23, 2018  
<https://www.nytimes.com/2018/04/23/health/genes-mutation-foxg1-brain.html>
- “Matching neglected children with foster care families earlier in life promotes resilience, healthy functioning, new Stanford study says”  
Stanford News, February 1, 2018  
<https://news.stanford.edu/2018/02/01/foster-care-helps-neglected-children-resilient-healthy/>
- “How poverty shapes brain development of children in low-income countries: Scanning the brain in its early years helps understand how negative experiences early in life affect the brain”  
Business Standard, December 7, 2017  
[http://www.business-standard.com/article/current-affairs/how-poverty-shapes-brain-development-of-children-in-low-income-countries-117120701472\\_1.html](http://www.business-standard.com/article/current-affairs/how-poverty-shapes-brain-development-of-children-in-low-income-countries-117120701472_1.html)
- “Neural Markers of Fragile X: A Powerful New Tool for Clinical Trials”  
FRAXA.org, August 17, 2017  
<https://www.fraxa.org/neural-markers-fragile-x-powerful-new-tool-clinical-trials/>
- “Study of How We Look at Faces May Offer Insight Into Autism”  
New York Times, July 12, 2017  
<https://www.nytimes.com/2017/07/12/health/autism-faces-genes-brain-development.html>
- “How poverty affects the brain”  
Nature, July 12, 2017  
<http://www.nature.com/news/how-poverty-affects-the-brain-1.22280>
- “Heart rate may foretell autism features in infants”  
Spectrum News, June 28, 2017  
<https://spectrumnews.org/news/heart-rate-may-foretell-autism-features-infants/>
- “Adversity gets in the brain”  
Worldbank.org, June 28, 2017  
<https://blogs.worldbank.org/developmenttalk/adversity-gets-brain>
- “What children from Romanian orphanages can tell us about autism”  
The Washington Post, May 14, 2017  
[https://www.washingtonpost.com/national/health-science/what-children-from-romanian-orphanages-can-tell-us-about-autism/2017/05/12/c8d772a2-3004-11e7-9dec-764dc781686f\\_story.html?utm\\_term=.469a543922d4](https://www.washingtonpost.com/national/health-science/what-children-from-romanian-orphanages-can-tell-us-about-autism/2017/05/12/c8d772a2-3004-11e7-9dec-764dc781686f_story.html?utm_term=.469a543922d4)
- “The deprived brain”  
The Dana Foundation, April 11, 2017  
[http://dana.org/News/The\\_Deprived\\_Brain/](http://dana.org/News/The_Deprived_Brain/)

- “Guardian launches new virtual reality project – First Impressions”  
*The Guardian*, April 11, 2017  
<https://www.theguardian.com/gnm-press-office/2017/apr/11/guardian-launches-new-virtual-reality-project-first-impressions>
- “I’ve seen brain damage caused by terrible poverty”  
*New Scientist*, October 1, 2016
- "The consequences of neglect"  
Oxford University Press's Academic Insights for the Thinking World, March 18, 2016.  
<https://blog.oup.com/2016/03/emotional-neglect-institutionalization-children-adoption/>
- "How home visits for vulnerable moms boost kids' brainpower"  
PBSNewshour, January 19, 2016.  
<http://www.pbs.org/newshour/bb/how-home-visits-for-vulnerable-moms-boost-kids-brainpower/>
- “Windows of Opportunity: Their Seductive Appeal”  
Brookings, October 22, 2015.  
<https://www.brookings.edu/research/windows-of-opportunity-their-seductive-appeal/>
- “Early childhood brain development sets the stage for learning throughout life, experts say”  
Cleveland.com, October 15, 2015  
[http://www.cleveland.com/healthfit/index.ssf/2015/10/brain\\_development\\_is\\_an\\_intricate\\_choreographed\\_dance\\_with\\_many\\_opportunities\\_for\\_missteps\\_photos.html](http://www.cleveland.com/healthfit/index.ssf/2015/10/brain_development_is_an_intricate_choreographed_dance_with_many_opportunities_for_missteps_photos.html)
- "Early childhood neglect impairs mechanisms for communicating across brain regions"  
Cognitive Neuroscience Society, September 30th, 2015  
[http://www.cogneurosociety.org/childhood\\_neglect\\_oscillations\\_nelson/](http://www.cogneurosociety.org/childhood_neglect_oscillations_nelson/)
- "Does autism stress families' chromosomes?"  
*Vector*, July 9, 2015  
<https://vector.childrenshospital.org/2015/07/does-autism-stress-families-chromosomes/>
- "Short chromosome caps may up autism risk in families"  
SFARI, July 6, 2015  
<https://www.sfari.org/>
- "A world without orphans"  
Missions Dilemma, June 23, 2015  
<https://www.itecusa.org/2015/06/23/a-world-without-orphans/>
- "Early adversity and the brain: Bangladeshi children may provide lessons"  
*Vector*, June 9, 2015  
[https://vector.childrenshospital.org/2015/06/early-adversity-and-the-brain-bangladeshi-children-may-provide-lessons/?utm\\_source=feedburner&utm\\_medium=email&utm\\_campaign=Feed%3A+childrenshospitalvectorblog+%28VectorBlog.org+-+by+Children%27s+Hospital+Boston%29](https://vector.childrenshospital.org/2015/06/early-adversity-and-the-brain-bangladeshi-children-may-provide-lessons/?utm_source=feedburner&utm_medium=email&utm_campaign=Feed%3A+childrenshospitalvectorblog+%28VectorBlog.org+-+by+Children%27s+Hospital+Boston%29)
- "Time in orphanage blunts stress response later"  
Epoch Times, April 28, 2015

<http://www.theepochtimes.com/n3/1336016-time-in-orphanage-blunts-stress-response-later/>

- "Early neglect and deprivation change the body's stress response systems"  
*Vector*, April 22, 2015  
[https://vector.childrenshospital.org/2015/04/early-neglect-and-deprivation-change-the-bodys-stress-response-systems/?utm\\_source=feedburner&utm\\_medium=email&utm\\_campaign=Feed%3A+childrenshospitalvectorblog+%28VectorBlog.org+-+by+Children%27s+Hospital+Boston%29](https://vector.childrenshospital.org/2015/04/early-neglect-and-deprivation-change-the-bodys-stress-response-systems/?utm_source=feedburner&utm_medium=email&utm_campaign=Feed%3A+childrenshospitalvectorblog+%28VectorBlog.org+-+by+Children%27s+Hospital+Boston%29)
- "Study shows early environment has a lasting impact on stress response systems"  
University of Washington Press, April 20, 2015  
<http://www.washington.edu/news/2015/04/20/study-shows-early-environment-has-a-lasting-impact-on-stress-response-systems/>
- "Surviving through age 18 in Detroit"  
*The Detroit News*, March 24, 2015  
<http://www.detroitnews.com/story/news/special-reports/2014/09/10/detroit-infant-mortality-rate/15352931/>
- "Autism-like behaviors, impaired nerve tracts found in institutionalized children"  
*Vector*, February 10, 2015  
[https://vector.childrenshospital.org/2015/02/autism-like-behaviors-impaired-nerve-tracts-found-in-institutionalized-children/?utm\\_source=feedburner&utm\\_medium=email&utm\\_campaign=Feed%3A+childrenshospitalvectorblog+%28VectorBlog.org+-+by+Children%27s+Hospital+Boston%29&\\_utma=98476749.2086367429.1420559829.1429120094.1429120610.139&\\_utmb=98476749.5.9.1429121331099&\\_utmc=98476749&\\_utmz=98476749.1429120610.139.13.utmcsr=google|utmccn=\(organic\)|utmcmd=organic|utmctr=\(not%20provided\)&\\_utmv=-&\\_utmk=239988491&\\_ga=1.48597285.2086367429.1420559829](https://vector.childrenshospital.org/2015/02/autism-like-behaviors-impaired-nerve-tracts-found-in-institutionalized-children/?utm_source=feedburner&utm_medium=email&utm_campaign=Feed%3A+childrenshospitalvectorblog+%28VectorBlog.org+-+by+Children%27s+Hospital+Boston%29&_utma=98476749.2086367429.1420559829.1429120094.1429120610.139&_utmb=98476749.5.9.1429121331099&_utmc=98476749&_utmz=98476749.1429120610.139.13.utmcsr=google|utmccn=(organic)|utmcmd=organic|utmctr=(not%20provided)&_utmv=-&_utmk=239988491&_ga=1.48597285.2086367429.1420559829)
- "Abandoned kids see changes in brain structure"  
*Medpage Today*, January 28, 2015  
<http://www.medpagetoday.com/pediatrics/generalpediatrics/49762>
- "Institutional neglect changes kids' brain structure"  
*Fox News*, January 27, 2015  
<http://www.foxnews.com/health/2015/01/27/institutional-neglect-changes-kids-brain-structure.html>
- "Being neglected harms brain development in kids"  
*Time*, January 27, 2015  
<http://time.com/3683071/neglect-brain-development/>
- "Brain white matter changes seen in children who experience neglect"  
*Science Daily*, January 26, 2015  
<https://www.sciencedaily.com/releases/2015/01/150126124610.htm>
- "Institutional neglect changes kids' brain structure"

Reuters, January 26, 2015

<http://www.reuters.com/article/us-kids-brains-orphanages/institutional-neglect-changes-kids-brain-structure-idUSKBN0KZ2DD20150126>

- "Childhood neglect erodes the brain"  
*Science*, January 26, 2015  
<http://www.sciencemag.org/news/2015/01/childhood-neglect-erodes-brain>
- "Uma Bela Sinfonia Pueril"  
*Ciencia*, January 13, 2015  
<http://www.fmcsv.org.br/pt-br/noticias-e-eventos/Paginas/Uma-Bela-Sinfonia-Pueril.aspx>
- "The first year"  
*National Geographic*, January 2015  
<http://ngm.nationalgeographic.com/2015/01/baby-brains/bhattacharjee-text>
- "Forgotten Children"  
*Foreign Affairs*, December 2, 2014  
<https://www.foreignaffairs.com/articles/romania/2014-12-02/forgotten-children>
- "Discovery Museums plans exhibit for the very, very young"  
*The Boston Globe*, November 23, 2014  
<https://www.bostonglobe.com/metro/regionals/west/2014/11/23/discovery-museums-plans-exhibit-for-very-very-young/45b6VyrGgsdao4rikIAWFJ/story.html>
- "Life after stress: the biology of trauma and resilience"  
*NEPR*, November 13th, 2014  
<http://digital.nepr.net/news/2014/11/13/life-after-stress-the-biology-of-trauma-and-resilience/>
- "Dr. Charles Nelson: Embracing the challenges of scientific research on the effects of early adversity on brain and behavioral development"  
*People Behind the Science*, October 13, 2014  
<http://www.peoplebehindthescience.com/dr-charles-nelson/>
- "Neglected children in Blackstone have tough recovery"  
*The Boston Globe*, September 19, 2014  
<https://www.bostonglobe.com/todayspaper/2014/09/19>
- "Study: Kids in orphanages can do as well as those in foster care"  
*NPR*, August 29th, 2014  
<http://www.npr.org/sections/goatsandsoda/2014/08/29/344036632/study-kids-in-orphanages-can-do-as-well-as-those-in-foster-care>
- "An experiment in zero parenting"  
*Science*, August 14th, 2014  
<http://science.sciencemag.org/content/345/6198/752.summary?sid=8f9929d9-bee4-4080-894f-5058e5ba8b81>
- "Distinct features signal autism risk in tuberous sclerosis"  
*SFARI*, July 7, 2014

<https://www.sfari.org/news-and-opinion/news/2014/distinct-features-signal-autism-risk-in-tuberous-sclerosis>

- "How childhood neglect harms the brain"  
*WBUR*, June 26, 2014  
<http://www.wbur.org/commonhealth/2014/06/26/trauma-abuse-brain-matters>
- "Early neglect does affect brain development"  
*The Guardian*, May 1, 2014  
<https://www.theguardian.com/society/2014/may/01/early-neglect-affects-brain-development>
- "Orphans' lonely beginnings reveal how parents shape a child's brain"  
*NPR*, February 24, 2014  
<http://www.npr.org/sections/health-shots/2014/02/20/280237833/orphans-lonely-beginnings-reveal-how-parents-shape-a-childs-brain>
- "Bringing home plight of abandoned children"  
*The Boston Globe*, February 17, 2014  
<https://www.bostonglobe.com/lifestyle/health-wellness/2014/02/17/charles-nelson/1IVCMv51RCeMo4teWpwwN/story.html>
- "How can scientists act ethically when they are studying the victims of a human tragedy, such as the Romanian Orphans?"  
*Aeon Magazine*, July 29, 2013  
<https://aeon.co/essays/romanian-orphans-a-human-tragedy-a-scientific-opportunity>
- "Electroencephalography (EEG): Opening New Windows Into the Developing Brain"  
*Autism Consortium*, June 3, 2013  
<http://www.specialneedsdigest.com/2013/06/electroencephalography-ecg-opening-new.html>
- "Best bet for children: loving parents, experts tell Senate panel"  
*NOLA*, May 21, 2013  
[http://www.nola.com/politics/index.ssf/2013/05/best\\_bet\\_for\\_children\\_loving\\_p.html](http://www.nola.com/politics/index.ssf/2013/05/best_bet_for_children_loving_p.html)
- "Anguish of the Abandoned Child"  
*Scientific American*, April 2013  
<https://www.scientificamerican.com/article/tragedy-leads-study-severe-child-neglect/>
- "When does your Baby Become Conscious?"  
*Science Magazine*, April 2013  
<http://www.sciencemag.org/news/2013/04/when-does-your-baby-become-conscious>
- "Visionary research on Rett syndrome"  
*Vector*, December 26, 2012  
[https://vector.childrenshospital.org/2012/12/visionary-research-on-rett-syndrome/?utm\\_source=feedburner&utm\\_medium=email&utm\\_campaign=Feed%3A+childrenshospitalvectorblog+%28VectorBlog.org+-+by+Children%27s+Hospital+Boston%29](https://vector.childrenshospital.org/2012/12/visionary-research-on-rett-syndrome/?utm_source=feedburner&utm_medium=email&utm_campaign=Feed%3A+childrenshospitalvectorblog+%28VectorBlog.org+-+by+Children%27s+Hospital+Boston%29)

- "Die Folgen der Isolation"  
*Die Zeit*, December 13, 2012  
<http://www.childrenshospital.org/~media/research-and-innovation/research-labs/laboratories-of-cognitive-neuroscience/die-folgen-der-isolation.ashx?la=en>
- "The First Steps"  
*Nature*, Vol 491, November 2012  
[http://www.nature.com/nature/journal/v491/n7422\\_supp/full/491S7a.html](http://www.nature.com/nature/journal/v491/n7422_supp/full/491S7a.html)
- "Charles Nelson: Searching for Early Signs of Autism"  
*SFARI: Simons Foundation Autism Research Initiative*, July 23, 2012  
<https://www.sfari.org/news-and-opinion/investigator-profiles/2012/charles-nelson-searching-for-early-signs-of-autism>
- "How Might Autistic Children Be Similar? In Their Brainwaves"  
*CommonHealth*, June 26, 2012  
<http://commonhealth.legacy.wbur.org/2012/06/autistic-children-brainwaves>
- "Brain Activity Differs in Infant Siblings of Children With Autism"  
*Autism Speaks*, June 29, 2012  
<https://www.autismspeaks.org/science/science-news/brain-activity-differs-infant-siblings-children-autism>
- "Brain Scans May Someday Detect Autism"  
*cnn.com*, February 22, 2011  
<http://thechart.blogs.cnn.com/2011/02/22/brain-scans-may-someday-detect-autism/?iref=allsearch/>
- "The Two Year Window: The new science of babies and brain--and how it could revolutionize the fight against poverty"  
*The New Republic*, November 9, 2011  
<https://newrepublic.com/article/97268/the-two-year-window>
- "HMS Professor's Work Details Devastating Toll of Romanian Orphanages"  
*Harvard Gazette*, October 5, 2010  
<https://news.harvard.edu/gazette/story/2010/10/breathtakingly-awful/>
- "Saving Face: Infants may be more skilled than adults at facial recognition"  
*Harvard Medicine*, Spring 2010  
<https://hms.harvard.edu/news/harvard-medicine/saving-face>
- "What Is Neuroscience Telling Us About Babies?"  
*Ab Initio International*, Summer 2010  
<http://www.brazelton-institute.com/abinitio2010/art6.html>
- "Babies May Read Your Poker Face"  
*abc.com*, November 13, 2009  
<http://abcnews.go.com/Health/MindMoodNews/babies-read-fear-face/story?id=9058489&page=1>

- "Hub Lab Writing the Book on Face-Reading"  
*Boston Globe*, November 10, 2009  
[http://archive.boston.com/news/science/articles/2009/11/10/boston\\_lab\\_explores\\_childrens\\_complex\\_lessons\\_in\\_reading\\_faces/?page=1](http://archive.boston.com/news/science/articles/2009/11/10/boston_lab_explores_childrens_complex_lessons_in_reading_faces/?page=1)
- "Arresting autism: A sibling study finds clues about the complex condition"  
*Dream Magazine*, Summer 2009
- "The Developing Child"  
*Harvard Magazine*, March-April 2009  
<http://harvardmagazine.com/2009/03/the-developing-child>
- "Race Through a Baby's Eyes"  
*Vector Magazine*, Fall 2008  
<http://www.childrenshospital.org/~media/research-and-innovation/research-labs/laboratories-of-cognitive-neuroscience/race-through-a-babys-eyes.ashx?la=en>
- "Scientists Use Monkeys to Dip Into How Kids Think"  
*New England Cable News (NECN)*, July 31, 2008
- "How do Babies Respond to Different Races?"  
*New England Cable News (NECN)*, July 25, 2008
- "With children being adopted from abroad at older ages, concerns for their health grow"  
*The Boston Globe*, July 7, 2008  
[http://archive.boston.com/news/health/articles/2008/07/07/its\\_scary\\_sometimes/](http://archive.boston.com/news/health/articles/2008/07/07/its_scary_sometimes/)
- "The Art of Perception"  
*Harvard Medical Labcast*, June 20, 2008  
<https://hms.harvard.edu/podcasts/art-perception>

## EMPLOYMENT HISTORY

---

2014-Present	Professor, Harvard Graduate School of Education
2014-Present	Adjunct Professor of Psychology, Brandeis University
2009 – Present	Professor of Psychology in Psychiatry, Harvard Medical School
2007 – Present	Professor in the Department of Social and Behavioral Sciences, Harvard School of Public Health
2006– Present	Visiting Professor, Department of Psychology and Education, Bucharest University
2006– Present	Faculty Affiliate, Program in Neuroscience, Harvard University
2005– Present	Member of the Faculty, Graduate School of Education, Harvard University
2005– Present	Professor of Pediatrics and Neuroscience, Harvard Medical School
2005– Present	Richard David Scott Chair in Pediatric Developmental Medicine Research, Children’s Hospital Boston
2005– Present	Director of Research, Developmental Medicine, Boston Children’s Hospital
2002– 2005	Nancy M. and John E. Lindahl Professor for Excellence in Teaching and Learning
2000– 2005	Co-Director and Founder, Center for Neurobehavioral Development, University of Minnesota
1998– 2005	Distinguished McKnight University Professor
1998– 2005	Professor, Department of Psychiatry

1998– 2005 Professor, Department of Neurology  
 1996– 2005 Professor, Department of Radiology  
 1993– 2005 Professor, Institute of Child Development, University of Minnesota  
 1993– 2005 Professor, Department of Pediatrics, University of Minnesota  
 1993– 2005 Professor, Program in Neuroscience, University of Minnesota  
 1993– 1998 Director of Graduate Studies, Institute of Child Development, University of Minnesota  
 1992– 1993 Associate Professor, Department of Pediatrics, University of Minnesota  
 1988– 1993 Associate Professor, Institute of Child Development, University of Minnesota  
 1988– 1993 Associate Professor, Program in Neuroscience, University of Minnesota  
 1986– 1988 Assistant Professor, Institute of Child Development, University of Minnesota  
 1986– 1988 McKnight-Land Grant Professor, Institute of Child Development, University of Minnesota  
 1983– 1986 Assistant Professor, Department of Psychological Sciences, Purdue University  
 1981– 1983 NICHD Postdoctoral Fellow, Institute of Child Development, University of Minnesota  
 1978– 1981 BEH and NICHD Predoctoral Trainee, Department of Human Development, University of Kansas  
 1976– 1978 Research Assistant, Department of Psychology, University of Wisconsin  
 1975– 1976 Project Assistant, Wisconsin Research and Development for Cognitive Learning, University of Wisconsin

## **PROFESSIONAL AFFILIATION, BOARDS, OFFICES & COMMITTEE ACTIVITIES**

- American Association for the Advancement of Science
- American Psychological Society
- International Society for Infant Studies
- Society for Neuroscience
- Society for Research in Child Development
- Liaison Member (National Academy of Sciences/Institute of Medicine) to the Committee on Integrating the Science of Early Childhood Development (1999)
- Organization for Economic Cooperation and Development (2000)
- Society for Developmental Behavioral Pediatrics (2005)
- Member, National Research Council/Institute of Medicine Board on Children, Youth and Families (2006- 2011)
- Co-Chair, External Review Committee, Merck Foundation Young Scholars Award (2007)
- Advisory Board, Romanian Children’s Relief Foundation (2013)
- Institute of Medicine Committee on child maltreatment research, policy, and practice for the next Decade (2012-2013)
- Distinguished Experts Group, USAID Center of Excellence on Children in Adversity (2013)
- Senior Fellow, Canadian Institute for Advanced Research, Child and Brain Development Program (2013-Present)
- Member, Scientific Advisory Board, Merck Foundation (2012-2014)
- Member, nominating committee, Section on Psychology, American Association for the Advancement of Science (2014-Present)

- Board of Directors, Society for Functional Near Infrared Spectroscopy (2014-present)
- Member, Nominating Committee, American Association for the Advancement of Science (2014-Present)
- Member, JPB research network on toxic stress and health (2015-present)
- Advisory Council, The Discovery Museums (2015-present)
- Faculty Member, Massachusetts General Hospital Center for Law, Brain & Behavior (2016-present)
- Member, Planning Committee, Manifestations and Mechanisms of Dynamic Brain Coordination over Development, Ernst Strungmann Forum, Frankfurt, Germany (2016-2017)
- Member, Advisory Board, Syrian Refugee Mobile Resource Project, National Center for Disaster Preparedness, Earth Institute, Columbia University (2018-present)

## **UNIVERSITY COMMITTEES**

---

- Member, Governing Council, Center for Cognitive Sciences, University of Minnesota (1990-2005)
- Member, Training Committee, Center for Research in Learning, Perceptions and Cognition, University of Minnesota (1991-1998)
- Member, Stanton Ford Lectureship Committee, University of Minnesota (1993-1998)
- Chair, Graduate Instruction Committee, Institute of Child Development, University of Minnesota (1994-1998)
- Chair, McKnight-Land Grant Committee, University of Minnesota (1995-1998)
- Chair, Education and Psychology Policy and Review Council, University of Minnesota (1995-1998)
- Member, Executive Council of Policy and Review Chair, Graduate School, University of Minnesota (1995-1998)
- Member, MD/Ph.D. Program, University of Minnesota (1995-2005)
- Capital Campaign Committee, Department of Pediatrics, University of Minnesota (1999-2001)
- Preliminary Committee, Institute of Child Development, University of Minnesota (2000-2001)
- Planning Committee, Center for Magnetic Resonance Research, Medical School, University of Minnesota (2000-2001)
- Chair, Developmental Pediatrics Search Committee, Department of Pediatrics, University of Minnesota (2000-2001)
- Member, Faculty Search Committee, Institute of Child Development, University of Minnesota (2001-2002)
- Chair, Scientific Advisory Committee, Center for Neurobehavioral Development, University of Minnesota (2001-2005)
- Member, Shop Committee, Institute of Child Development, University of Minnesota (2002-2005)
- Chair, Faculty Status Committee, Program in Neuroscience, University of Minnesota (2002-2005)

- Member, Steering Committee, Program in Neuroscience, University of Minnesota (2002-2005)
- Member, Center for Magnetic Resonance Research 3Tesla Policy Committee (2002-2005)
- Biomedical Research Advisory Committee, University of Minnesota (2004)
- Co-Chair, MRI Committee, Children's Hospital Boston (2005-present)
- Member, Search Committee, Harvard School of Public Health (2005-present)
- Member, Steering Committee, Harvard Center for the Developing Child (2006)
- Promotion and Tenure Committee, Graduate School of Education, Harvard University (2007)
- Member, Search Committee, Newborn Medicine Neuroimaging, Children's Hospital Boston (2008)
- Faculty of Arts and Sciences Standing Committee on Mind, Brain, and Behavior (2009 – present)
- Co-Chair, Biomarkers Working Group, Center on the Developing Child (2009-2010)
- Chair, IRSD Committee, Center on the Developing Child (2009-2010)
- Steering Committee, Harvard Mind, Brain, and Behavior Initiative(2009-present)
- Harvard Catalyst Pilot Grant Review Program (2010)
- Freshman Advisor, Harvard College (2010-present)
- Search Committee, Harvard Graduate School of Education (2010-2011; 2015-2017)
- Daffner ad hoc Committee Member, Harvard Medical School (2010-2011)
- Ad hoc Committee Member, Brigham and Women's Hospital search for professors of Psychiatry, Harvard Medical School (2011-2012)
- Board of Freshman Advisors, Harvard College (2011-2013)
- Promotion Review Committee, Harvard School of Public Health (2011-2013)
- Promotion Review Committee, Harvard Graduate School of Education (2012-2013)
- Promotion Review Committee, Department of Psychology, Harvard University (2015-2016)
- Faculty Advisor, Harvard Undergraduates Raising Autism Awareness Committee (2013-Present)
- Faculty Advisory Committee, Brazil Studies Program, David Rockefeller Latin American Studies Program, Harvard University (2013-Present)
- Neuroscience and Education Exploratory Committee, Harvard Graduate School of Education (2014-2016)
- Committee on allegations of scientific misconduct, Harvard Medical School (2013-2017)
- Harvard University Standing Committee on Mind, Brain, and Behavior (2011-Present)
- Harvard University Executive Committee, Translational Neuroscience Center, Boston Children's Hospital (2013- Present)
- Neuroscience and Education Search Committee, Harvard Graduate School of Education (2015-2017)
- Mind, Brain, and Education Admissions Committee, Harvard Graduate School of Education (2014-present)
- Advising in the Mind, Brain, and Education Program, Harvard Graduate School of Education (2015-present)
- President's ad hoc promotion advisory committee, Harvard University (2015)

- Member, Search Committee, senior search in the field of Maternal Child Health, Harvard School of Public Health (2015-present)
- Graduate School of Education Dean Search Committee, Harvard University (2017-present)
- Advisory group member, Harvard Global Mental Health Initiative (2018-present)
- President's ad hoc promotion advisory committee, Harvard University (2018)

## **TRAINEES**

---

Neurotree: <https://neurotree.org/neurotree/tree.php?pid=10185>

## **Ph.D. ADVISEES**

---

Pamela Ludemann, Ph.D., 1987 (Developmental Psychology), Purdue University

Current Position: Professor of Psychology, Framingham State College

Roberta Kestenbaum, Ph.D. 1990 (Child Psychology), University of Minnesota.

Current Position: Executive Director, Spina Bifida Resource Network

Ann E. Ellis, Ph.D. 1991 (Child Psychology), University of Minnesota.

Current Position: Professor of Psychology, Grinnell College

Alexandra Matthews, Ph.D. 1993 (Child Psychology), University of Minnesota.

Current Position: Psychologist in private practice

Paul Collins, Ph.D., 1993 (co-advisor; Clinical Psychology), University of Minnesota

Current Position: Research Fellow, University of Minnesota

Jeremy Alden, Ph.D. 1994 (co-advisor; Clinical Psychology), University of Minnesota

Current Position: Investigator, Children's Hospitals and Clinics of Minnesota

Pauline Maki, Ph.D., 1994 (co-advisor; Experimental Psychology), University of Minnesota

Current Position: Professor of Psychiatry, Psychology and Obstetrics & Gynecology, Director of Women's Mental Health Research University of Illinois at Chicago

Sarah Sponheim, Ph.D., 1994 (co-advisor; Clinical Psychology), University of Minnesota

Current Position: unknown

Domonick Wegesin, Ph.D., 1995 (Child Psychology), University of Minnesota

Current Position: unknown

Michelle de Haan, Ph.D., 1996 (Child Psychology), University of Minnesota

Current Position: Professor of Infant and Childhood Development, University College London, UK

Steven Malone, Ph.D., 1997 (Child Psychology), University of Minnesota

Current Position: Research Fellow, University of Minnesota (Psychology)

David Zelinsky, Ph.D., 1997 (co-advisor; Clinical Psychology), University of Minnesota

Current Position: Assistant Professor (Neurology), University of Minnesota

Kathleen Thomas, Ph.D., 1997 (Child Psychology), University of Minnesota

Current Position: Professor of Child Psychology, University of Minnesota

Leslie Carver, Ph.D., 1998 (Child Psychology), University of Minnesota

Current Position: Professor of Psychology, Provost, University of California – San Diego

Christopher Monk, Ph.D., 2000 (Child Psychology), University of Minnesota

Current Position: Professor of Psychology, University of Michigan

Rosa Arriaga, Ph.D., 2000 (co-advisor, Jerome Kagan), Harvard University

Current Position: Associate Chair for Graduate Affairs, Senior Research Scientist, School of Interactive Computing, Georgia Institute of Technology

Sara Webb, Ph.D., 2001 (Child Psychology), University of Minnesota

Current Position: Professor, University of Washington  
 John Curtis, Ph.D., 2002 (Child Psychology), University of Minnesota  
 Current Position: Unknown  
 Susan Ormsbee, MD, Ph.D., 2003 (co-advisor, Amy Needham), Duke University  
 Current Position: Private practice Radiologist  
 Kelly Snyder, Ph.D., 2003 (Child Psychology), University of Minnesota  
 Current Position: Unknown  
 Jane Couperus, Ph.D., 2004 (Child Psychology)  
 Current Position: Associate Professor of Developmental Cognitive Neuroscience, Hampshire College  
 Lisa Scott, Ph.D., 2004 (Child Psychology)  
 Current Position: Associate Professor of Psychology, University of Florida  
 Susan Parker, Ph.D., 2004 (Child Psychology), University of Minnesota  
 Current Position: Associate Dean of Academic Affairs & Professor of Psychology, Randolph-Macon College  
 David Marcus, Ph.D, 2005 (Child Psychology; co-advisor with Canan Karatekin)  
 Current Position: Professor of Psychology, Director of Clinical Training, Washington State University  
 Heather Whitney, Ph.D., 2005 (Child Psychology)  
 Current Position: Psychologist, Children's Hospital Minnesota  
 Nim Tottenham, Ph.D., 2005 (Child Psychology; co-advisor with BJ Casey, Cornell University)  
 Current Position: Professor of Psychology, Columbia University  
 Darlene Kertes, Ph.D. 2005, (University of Minnesota)  
 Current Position: Associate Professor of Psychology, University of Florida  
 Tracy DeBoer Riggins, Ph.D., 2005 (Child Psychology; co-advisor with Patricia Bauer)  
 Current Position: Associate Professor of Psychology, University of Maryland  
 Elise Townsend, Ph.D., 2005 (Child Psychology; co-advisor with Kathleen Thomas)  
 Current Position: Associate Professor, MGH Institute of Health Professions, School of Health and Rehabilitation Sciences  
 Margaret Moulson, Ph.D. 2002-2007 (Institute of Child Development, University of Minnesota)  
 Current Position: Associate Professor of Psychology, Ryerson University  
 Maria Fusaro, MS., Ph.D. 2006-2009  
 Current Position: Assistant Professor, Child & Adolescent Development, San Jose State University  
 Adrienne Tierney, MS., Ph.D. 2007-2011  
 Current Position: Head Preceptor, Harvard College Writing Program, Faculty of Arts and Sciences, Harvard University  
 Sharon Fox, MD, Ph.D. 2008-2012  
 Current Position: Pathologist, Southeast Louisiana Veterans Health Care System  
 Laura Edwards, Ph.D. 2011-2015  
 Current Position: Postdoctoral Research Fellow, Marcus Autism Center, Emory University  
 Juliana Porto, MD, Ph.D. 2013-2017  
 Current Position: unknown  
 April Boin Choi, 2012-Present  
 Cora Mukerji, 2013-Present  
 Krista Goldstine-Cole, 2016-present

## POSTDOCTORAL STUDENTS

---

Patricia (Gould) Sargent, Ph.D. (1990-1992)

Current Position: Unknown

Raye-ann deRegnier, MD (1989-1991)

Current Position: Professor of Pediatrics, Northwestern University

Moira Richards, MD (1992-1994)

Current Position: Private practice neonatologist

Dianne Dukette, Ph.D. (1994-1996)

Current Position: Teacher

Monica Luciana, Ph.D. (1994-1997)

Current Position: Professor and Chair of Psychology, University of Minnesota

Linda Black, MD (2001 - 2003)

Current Position: Private practice neonatologist

Susan Parker, Ph.D. (2002 – 2004)

Current Position: Associate Dean of Academic Affairs & Professor of Psychology, Randolph-Macon College

Ruskin Hunt, Ph.D. (2002 – 2005)

Current Position: Research Associate, Institute of Child Development, University of Minnesota

Jukka Leppanen, Ph.D. (2004 – 2005)

Current Position: Research Director, Child Health Research Center, Faculty of Medicine and Life Sciences, Professor of Pediatrics, University of Tampere, Finland

Jenny Richmond, Ph.D. (2004 – 2008)

Current Position: Senior Lecturer, School of Psychology, University of New South Wales (Australia)

Ingrid Cordon, Ph.D. (2004 - 2008)

Current Position: Research Analyst, University of California - Davis

Kristin Shutts, Ph.D. (2006-2009) co-mentor with Mazarin Benaji, Department of Psychology

Current Position: Associate Professor, Department of Psychology, University of Wisconsin - Madison

Anne Rifkin, Ph.D. (2006-2008)

Current Position: Head, SICS Neurocognitive Development Centre, Singapore Institute of Clinical Sciences (SICS)

Joe McCleery, Ph.D. (2007-2009)

Current Position: Assistant Professor of Psychology, Saint Joseph's University

Benjamin Balas, Ph.D. (2007-2009)

Current Position: Associate Professor, Department of Psychology, North Dakota State University

Shafali Jeste, MD (2007-2009)

Current Position: Associate Professor of Psychiatry and Neurology, UCLA

Margaret Sheridan, Ph.D. (2007- 2010)

Current Position: Assistant Professor of Psychology, University of North Carolina

Katie McLaughlin, Ph.D. (2008-2010)

Current Position: Assistant Professor of Psychology, Harvard University

Giulia Righi, Ph.D. (2009-2011)

Current Position: Assistant Professor (Research) and Staff Psychologist; Alpert Medical School of Brown University and Bradley Hospital

Agatha Norwood, MD (2011-2012)

Current Position: Assistant Professor of Pediatrics, University of New Mexico

Jennifer Wagner, Ph.D. (2009-2012)  
Current Position: Assistant Professor of Psychology, College of Staten Island and Graduate Center of City University of New York

Rhiannon Luyster, Ph.D. (2009-2012)  
Current Position: Assistant Professor, Emerson College

Adeline Jabes Ph.D. (2011-2014)  
Current Position: Postdoctoral fellow - University of Lausanne (Switzerland)

Brandon Keehn Ph.D. (2011-2014)  
Current position: Assistant Professor, Department of Speech, Language and Hearing Sciences, Purdue University

Sharon Fox MD, Ph.D. (2011)  
Current Position: Pathologist, Southeast Louisiana Veterans Health Care System

April Levin, MD (2012-2014)  
Current Position: Instructor in Neurology, Harvard Medical School; Attending Physician in Neurology, Boston Children's Hospital

Ross Vanderwert, Ph.D. (2012-2014)  
Current Position: Lecturer (Assistant Professor), School of Psychology, Cardiff University

Katherine Perdue, Ph.D. (2013-2016)  
Current Position: Research Scientist, Kernel

Jocelyn LeBlanc, Ph.D. (2013-2015)  
Current Position: Impact Analyst, Association of Medical Research Charities (London, UK)

Kandice Varcin, Ph.D. (2013-2016)  
Current Position: Senior Research Officer (Research Fellow), Telethon Kids Institute, Perth, Australia

Johanna Bick, Ph.D. (2013-2016)  
Current Position: Assistant Professor, Department of Psychology, University of Houston

Lindsay Bowman, Ph.D. (2015-2016)  
Current Position: Assistant Professor, Department of Psychology, University of California, Davis

Laura Edwards, Ph.D. (2015-2016)  
Current Position: Postdoctoral Research Fellow, Marcus Autism Center, Emory University

Hannah F. Behrendt, Dipl.-Psych. (2017-2018)  
Current Position: Clinical Fellow, Department of Psychiatry and Psychotherapy, University Hospital rechts der Isar TU Munich, Germany

Laurie Bayet, Ph.D. (2015-2018)  
Current Position: Assistant Professor, Department of Psychology, American University

Sarah Jensen, Ph.D. (2016-2018)  
Current Position: Postdoctoral Research Fellow, School of Social Work, Boston College

Lara Pierce, Ph.D. (2015-2018)  
Current Position: Research Associate, Labs of Cognitive Neuroscience, Division of Developmental Medicine, Boston Children's Hospital

Laurel Gabard-Durnam, Ph.D. (2016-Present)

Mark Wade, Ph.D. (2017-Present)

Wanze Xie, Ph.D. (2017-Present)

Carol Wilkinson, MD, Ph.D. (2017-Present)

Rachel Romeo, Ph.D. (2018-Present)

Hilary Richardson, Ph.D. (2018-Present)

Laura Pirazzoli, Ph.D. (2019-Present)

### **HONORS STUDENTS (since 2005)**

---

Hana Jeon (2006-2007), Harvard College  
Kathleen Zhang (2008), Harvard College  
Eliza Congdon (2008-2009), Brown University  
Laurel Gabard-Durnam (2008-2009), Harvard College  
Suzanna Hirsch (2008-2010), Wesleyan University  
Joan How (2009-2010), Harvard College  
Geneva DeGregorio (2010-2011), Tufts University  
Wesley Talcott (2010-2011), Harvard College  
Maya Ayoub (2010-2012), Harvard College  
Nora Kovar (2010-2012), Harvard College  
Alexandra Libby (2010-2012), Harvard College  
Lavinia Mitroi (2011-2012), Harvard College  
Taylor Compton (2011- 2013), Harvard College  
Audrey Young (2012-2013), Harvard College  
Marc Shi (2013-2014), Harvard College  
Katherine Clements (2012-2014), Harvard College  
Anthony Ferranti (2012-2014), Emerson College  
Anisha Shenai (2012-2014), Harvard College  
Miranda Ravicz (2012-2014), Harvard College  
Jordan Ko (2012-2013) Tufts University  
Michelle Lee (2014-2015), Harvard College  
Julia Cataldo (2013-2015), Harvard College  
Mai Chu (2014-2015), Harvard College  
Drew Scott (2014-2015), Harvard College  
Jennifer Kizza (2014-2016), Harvard College  
Cailin Daley (2013-2016), Harvard College  
Simone Hasselmo (2015-2016), Harvard College  
Ruby Almanza (2015-2016), Harvard College  
Adriana Mendez Leal (2015-2016), Harvard College  
Karen Tocatly (2015-2017), Harvard College  
Emma Satterthwaite Muresianu (2015-2017), Harvard College  
Hamidah Mahmud (2015-2017), Harvard College  
Halie Olson (2015-2017), Harvard College  
Noemi Urquiza (2015-2017), Harvard College  
Alina Acosta (2015-2017), Harvard College  
Phoebe Stoye (2016-2018), Harvard College  
Zarin Rahman (2016-2018), Harvard College  
Ellery Jones (2016-2018), Harvard College  
Zarin Rahman (2016-2018), Harvard College  
Eily Sullivan (2016-Present), Harvard College  
Sarah Chun (2016-Present), Harvard College  
Chinaza Ochi (2017-Present), Harvard College  
Katie Vincent (2017-Present), Harvard College  
Meghan Lauze (2017-Present), Tufts University

Marissa Rodriguez (2017-Present), Harvard College  
Saul Urbina-Johanson (2017-Present), Harvard College  
Sofia Zoullas (2018-Present), Harvard College  
Tyler LeComer (2018-Present), Harvard College

## **MEDICAL STUDENTS**

---

Karen Bos (2007-2010) Harvard Medical School  
Eva Mihalis (2012-2014)  
Annie Berens (2012-2018) Harvard Medical School  
Helen Hu (2013-2015) Harvard Medical School  
Simona Barr (2013-2015) Harvard Medical School  
Kate Roche (2014-Present) Harvard-MIT Health Sciences Technology

## **MASTER STUDENTS**

---

Kirsty Coulter (2016-2017) Harvard Graduate School of Education  
Young Eun Chang (2016-2017) Harvard Graduate School of Education

## **EDITORIAL ACTIVITIES**

---

### **Editor**

- *Minnesota Symposium on Child Psychology* (1991– 1995, 1998, 2002)
- Special Issue Editor, *Journal of Applied Developmental Psychology* (2004)
- Guest editor, *International Journal of Behavioral Development* (2010)
- Co-Editor in Chief, *Developmental Science* (2013-Present)
- Special Issue Co-Editor, *Journal of Neurodevelopmental Disorders* (2017-2018)
- Special Issue Co-Editor, *Developmental Science* (2017-Present)
- Ad Hoc Editor, *Proceedings of the National Academy of Sciences* (2018-Present)

### **Associate Editor**

- *Child Development* (1995– 1999)
- *Journal of Cognitive Neuroscience* (2003– 2010)

### **Advisory Board**

- *Child Development Perspectives* (2006– 2010)
- *Journal of Child Psychology and Psychiatry* (2016-Present)

### **Current Editorial Board**

- *Frontiers in Human Neuroscience*
- *Developmental Cognitive Neuroscience*
- *Journal of Child Psychology and Psychiatry*

### **Ad Hoc Review (Past 3 years)**

- *American Journal of Psychiatry*
- *Autism Research*
- *Biological Psychiatry*
- *Cerebral Cortex*
- *Child Development*
- *Cognition*

- *Current Biology*
- *Developmental Science*
- *Infant Behavior and Development*
- *JAMA Psychiatry*
- *Journal of the American Academy of Child and Adolescent Psychiatry*
- *Journal of Autism and Developmental Disorders*
- *The Lancet*
- *The Lancet Child and Adolescent Health*
- *Nature*
- *NPJ Science of Learning*
- *Neuroimage*
- *Neuron*
- *Neurophotonics*
- *PLOS Biology*
- *Proceedings of the National Academy of Sciences*
- *Proceedings of the Royal Society, Part B*
- *Psychological Medicine Public Library of Science*
- *Science*
- *Translational Psychiatry*
- *Nature Neuroscience*
- *Trends in Neuroscience*

## **GRANT REVIEW ACTIVITIES**

---

### Ad Hoc Reviewer

1990-Present National Institutes of Health (NIH)  
 1990-Present National Institute of Mental Health (NIMH)  
 1990-Present National Science Foundation (NSF)  
 1993-Present Natural Sciences and Engineering Research Council (NSERC), Canada  
 2002 Royal Society of New Zealand  
 2003-2007 Cure Autism Now (CAN)  
 2005 Finnish Academy of Sciences  
 2006 Academy of Finland  
 2006 Austrian Academy of Sciences  
 2006-Present Nuffield Foundation, United Kingdom  
 2006 Autism Speaks  
 2010- Present Medical Research Council, United Kingdom  
 2010- Present Wellcome Research Trust, United Kingdom  
 2013- Present Ontario Brain Institute  
 2015-2016 Canada Foundation for Innovation (CFI)  
 2015 Chair, ad hoc review, National Institutes of Health (NIH)  
 2016-Present Grand Challenges (Bill and Melinda Gates Foundation)  
 2016 Charles H. Hood Foundation  
 2017 Ad hoc member, Board of Scientific Reviewers, NIMH

Member

1999-2005      NIH Developmental Brain Disorders Study Section

**ONGOING RESEARCH SUPPORT**

---

**Active Support (Direct Costs only)**

09/05/14-  
12/31/18

**Bill and Melinda Gates Foundation**  
**OPP1111625 (PI: Nelson)**

**1.80 calendar**  
**\$3,878,953**

*Brain Imaging as a Measure of Future Cognitive Outcomes*

To shed light on the brain mechanisms that influence the course of development, and in doing so, identify new treatment strategies for intervening in the lives of such children. This is a collaborative project with investigators at the University of Virginia, University College London, and ICDDR,B in Bangladesh.

05/03/17-  
04/30/22

**National Institute of Health/ National Institute of Mental Health**  
**2R01MH078829 (PI: Nelson, Co-PI: Bosquet)**

**1.44 calendar**  
**\$874,341**

*Neurophysiological and Metabolic Risk Markers of Childhood Anxiety*

This project proposes to test whether early patterns of neural processing (in infancy and again at age 3 years) predict risk for anxiety at age 5 and 7 years; examine how measures of neural, physiological, behavioral, and family environment factors jointly contribute to the development of anxiety; and explore whether different patterns of risk factors and trajectories of development predict different anxiety phenotypes.

08/01/10-  
03/31/19

**National Institute of Health/ National Institute of Mental Health**  
**R01 MH091363 (PI: Nelson)**

**1.44 calendar**  
**\$573,018**

*Effects of Early Psychosocial Deprivation on Mental Health in Adolescence*

The major goal of this project is to examine whether intervention with children exposed to early severe psychosocial deprivation has lasting effects, whether the timing of intervention suggests there are sensitive periods in their recovery, and we will attempt to identify mechanisms associated with such recovery in the cognitive, social, and psychological development in these children.

11/01/14-  
10/31/17

**Jacobs Foundation**  
**(PI: Nelson)**

**0.12 calendar**

**\$108,636**

*The Effect of Early Experience on Social Behavior in Previously Institutionalized Children*

This project aims to evaluate the nature of social behaviors and examine the effects of self-regulation, reward sensitivity, and peer influence on risk-taking behavior in previously-institutionalized children.

03/01/15-  
02/28/21

**JPB Foundation**  
**(PI: Shonkoff, Co-PI: Nelson)**

**0.12 calendar**

**\$179,023**

*Research Network on Toxic Stress and Health*

This Research Network is committed to reducing the prevalence of lifelong health impairments caused by toxic stress in early childhood.

09/01/18-  
08/31/21

**Simons Foundation**  
**SFARI #575135 (PI: Bear, Co-PI: Nelson)**

**0.36 calendar**

**\$117, 693**

*Translational biomarkers for pathophysiology in genetically defined autisms*

Autism spectrum disorders (ASDs) are often associated with impairments in cognition that likely arise from deficits in cortical synaptic plasticity. Further, ASD is accompanied by aberrant sensory sensitivity, attributable in part to a failure to habituate to innocuous sensory stimuli. Our objective is to assess whether measures of cortical plasticity and long-term visual recognition memory can serve as biomarkers of pathophysiology in ASD and other developmental brain disorders.

10/01/14-  
05/31/19

**National Institute of Health/ National Institute of Child Health and Human Development**  
**R01 HD076258 (PI: Grant, Co-PI: Nelson)**

**0.48 calendar**

**\$453,835**

*Perinatal Brain Injury: Potential of Innovative NIRS to Optimize Hypothermia*

The goal of this project is to examine the utility of NIRS in improving our understanding of the neural sequelae of early hypoxic-ischemic injury.

07/01/15-  
06/30/19

**National Institute of Health/ National Institute of Mental Health**  
**1U19MH108206-01 (PI: McPartland, Co-PI: Nelson)**

**.96 calendar**

**\$241,612**

*The Autism Biomarkers Consortium for Clinical Trials*

The goal of this consortium is to establish tools that can be used as biomarkers and/or sensitive and reliable objective assays of social impairment in autism spectrum disorder (ASD) clinical trials. The consortium will conduct a naturalistic, longitudinal study of preschool (3-5 years) and school aged (6-11 years) children with ASD and typical development (TD) with IQ ranging from 50-115.

12/01/15-  
11/30/20

**National Institute of Health/NIDCD**  
**2R01DC010290-06 (PI: Tager-Flusberg, Co-PI: Nelson)**

**.96 calendar**  
**\$238,721**

*Neurobehavioral Research on Infants at Risk for Language Delay and ASD*

We propose to extend our research on infants at risk for autism to include infants drawn from the general pediatric population. We will employ a battery of behavioral and electrophysiological (EEG, ERP) measures that target language, social communication, and domain general risk markers in infants 12-36 months of age.

09/15/18-  
11/30/19

**National Institute of Health /NIDCD**  
**3R01DC010290-08S1 (PI: Tager-Flusberg, Co-PI: Nelson)**

**0.24 calendar**  
**\$95,964**

*Neurobehavioral Research on Infants at Risk for Language Delay and ASD Supplement*

This one-year supplement will fund an extension of our current research on identifying risk markers for autism and language/social-communication disorders to infants and toddlers with Down syndrome.

02/01/17-  
01/31/20

**National Science Foundation**  
**National Science Foundation (PI: Stamoulis)**

**0.12 calendar**  
**\$165,000**

*Dynamic changes in neural circuitry underlying emotional face processing in early life: network re-organization and functional interactions*

The goal of this project is to identify dynamic changes in brain networks associated with emotional face processing in the developing brain in the first 3 years of life.

01/01/17-  
12/31/18

**University of Penn Orphan Disease Center**  
**MDBR-17-106-CDKL5 (PI: Nelson)**

**0.12 calendar**  
**\$48,636**

*Sensory evoked potentials as a biomarker in CDKL5*

The goal is to establish quantitative and unbiased biomarkers of brain function sensitive to the Progression of the disorder in CDKL5 patients.

07/01/17-  
06/30/21

**National Institute of Health/NINDS**  
**T32 (PI: Nelson, Co-PI: Sahin)**

**0.48 calendar**  
**\$130,328**

*Translational post doctoral training in neurodevelopment*

To provide promising post-doctoral neuroscience investigators (MD, PhD or MD/PhD) with advanced training in essential translational topics ranging from preclinical considerations through implementation of clinical trials for individuals with a range neurodevelopmental disorders.

07/01/17-  
11/30/18

**National Institute of Health/ National Institute of Allergy and Infectious Diseases**  
**SUM1AI069415 – Supplement (PI: Zorrilla)**

**0.24 calendar**  
**\$403,991**

*Neurodevelopmental outcome of Zika-infected infants*

To establish a neurodevelopmental assessment in infants using electrophysiological and behavioral tools.

07/01/17-  
03/31/22

**National Institute of Health/ National Institute of Child Health and Human Development**  
**1 R01 HD090138-01A1 (PI: Spurling Jeste)**

**0.60 calendar**  
**\$77,704**

*Mechanisms of change with early intervention in Tuberous Sclerosis Complex*

We propose to study an evidence-based behavioral intervention in infants with TSC. We also will use electrophysiological methods to examine low level visual processing and resting state EEG oscillations prior to and after intervention. Our primary goal is to determine if social communication function can be improved with a targeted intervention.

08/01/17-  
5/31/22

**National Institute of Mental Health**  
**R01MH113928 (PI: Faja)**

**0.60 calendar**  
**\$256,701**

*Charting the trajectory of executive control in autism in order to optimize delivery of intervention*

The goal of this project is to launch an interdisciplinary longitudinal research program aimed at providing a detailed characterization of the NIMH RDoC domains of cognitive control and working memory as they inform the early the course of ASD.

09/15/18-  
11/30/18

**National Institute of Health / National Institute on Deafness and Other  
Communication Disorders**  
**3R01DC010290-08S1 (PI: Tager-Flusberg, Co-PI: Nelson)**

**0.24 calendar**

**\$95,964**

*Neurobehavioral Research on Infants at Risk for Language Delay and ASD  
Supplement*

We aim to further clarify the specificity of neural risk markers, characterize behavioral and neurophysiological EEG patterns in early development of language and social communication, and to investigate relationships between EEG patterns and behavioral measures in Down syndrome and in comparison to children who are at high risk for autism and related language and social communication disorders.

## **RESEARCH, EVALUATION, & CONSULTATION**

---

1993-Present John D. and Catherine T. MacArthur Foundation  
1997-2000 John S. McDonnell Foundation  
1998-2000 Liaison Member, Committee on Children, Youth and Families, National Academy of  
Sciences/National Research Council  
1998-2002 Organization for Economic Cooperation and Development  
1998-2005 Scientific Advisory Board, Medical Investigations of Neurodevelopmental Disorders  
(M.I.N.D.) Institute, University of California-Davis  
1999 Charles A. Dana Foundation  
1999-2000 Strategic Planning for NICHD: Biobehavioral Development Working Group  
Executive Advisory Committee, Pediatric Study Centers (National Institutes of  
Health)  
1999-2005 NIH Developmental Brain Disorders (DBD) Study Section Member  
2000-2005 External Advisor, NIH Multisite MRI Study of Normal Brain Development  
2001-2002 Member, NIMH Task Force, Breaking Ground, Breaking Through: Strategic Plan  
for Depression and Bipolar Disorders Research  
2001-2005 U.S. National Committee for the International Union of Psychological Sciences,  
National Research Council/National Academies of Science  
2001-2005 Scientific Review Board, Cure Autism Now (CAN)  
2002-2003 Meade-Johnson Brain Advisory Board  
2002-2004 Cornell Institute for Research on Children  
2002-Present Advisory Core Group, National Scientific Council on the Developing Child  
2003-2013 Chair, Advisory Board to Canadian Institute for Advanced Research Program on  
Experienced-Based Brain and Biological Development  
2013-Present Member, Canadian Institute for Advanced Research Program on Child Brain  
Development  
2003-2006 Member, Scientific Advisory Committee, Sackler Institute for Developmental  
Psychobiology, Columbia University  
2004-2007 Chair, U.S. National Committee for the International Union of Psychological  
Sciences, National Research Council/National Academies of Science

2005-2006	Member, Search Committee, Harvard School of Public Health
2006-Present	Member, Steering Committee, Harvard Center for the Developing Child
2006-2010	Member, National Research Council/Institute of Medicine Board on Children, Youth and Families
2007-2008	National Advisory Mental Health Council Workgroup of Neurodevelopment
2007-2008	Co-Chair, External Review Committee, Merck Foundation Youth Scholars Award
2008	Panel Chair, Society for Research in Child Development
2008-2009	Member, Search Committee, Newborn Medicine Neuroimaging, Children's Hospital Boston
2008-2009	Co-Director of Research, Sinneave Family Foundation
2008-2010	Advisory Board Member, Cognitive Developmental Research Unit, University of Oslo, Oslo, Norway
2008-Present	Advisor to the Better Care Network (UNICEF)
2009-2014	Scientific Advisory Board, Autism Speaks
2009-2011	Seminar Leader, Harvard Center on the Developing Child <i>Interdisciplinary Research Seminar on Disparities</i>
2009	Co-organizer, NIMH meeting on <i>Using EEG/ERP/MEG to understand neural mechanisms and treatment effects in mental illness in children and adolescents</i>
2009-Present	Member, Sarah Jane Brain Foundation
2011-Present	Member of the Baby Sib Consortium, Autism Speaks
2011-Present	Faculty affiliate, Institute for Research on Poverty, University of Wisconsin
2011-Present	Scientific Advisory Board, Merck Foundation
2011-2013	Institute of Medicine Committee on Child Maltreatment
2013	German-Israeli Foundation for Scientific Research and Development
2013-Present	Scientific Innovation Team, Ontario Brain Institute
2015-2017	United States Department of Justice
2018-Present	Bill & Melinda Gates Foundation Neuroimaging Predictors of Children Development (NPCD) Consortium

## PEER-REVIEWED JOURNAL ARTICLES (+ = student authors)

---

### 1979

1. **Nelson** CA, Morse PA, & Leavitt LA (1979). Recognition of facial expressions by Seven-Month-Old infants. Child Development, 50, 1239-1242.

### 1980

2. **Nelson** CA & Horowitz FD (1980). Asymmetry in Facial Expressions. Science, 209, 834.

### 1982

3. **Nelson** CA & Horowitz FD (1982). The short-term behavioral sequelae of neonatal jaundice treated with phototherapy. Infant Behavior and Development, 5, 289-299.

### 1983

4. **Nelson** CA & Horowitz FD (1983). The perception of facial expressions and stimulus motion by 2- and 5-month-old infants using holographic stimuli. Child Development, 54, 868-877.

## 1984

5. **Nelson** CA & Salapatek P (1984). The 4-month-old infant's perception of holograms and real objects: A demonstration of equivalence. Perception and Psychophysics, 36, 343-348.

## 1985

6. **Nelson** CA & Dolgin K (1985). The generalized discrimination of facial expressions by 7-month-old infants. Child Development, 56, 58-61.

## 1986

7. **Nelson** CA (1986). A definitive text on infancy [Review of *In the beginning: Development in the first two years.*] Contemporary Psychology, 31, 444. \*
8. **Nelson** CA (1986). The development of hemispheric collaboration [Review of *Hemispheric function and collaboration in the child...*] Contemporary Psychology, 31, 671-672.\*
9. **Nelson** CA & Salapatek P (1986). Electrophysiological correlates of infant recognition memory. Child Development, 57, 1483-1497.

## 1987

10. **Nelson** CA (1987). The recognition of facial expressions in the first two years of life: Mechanisms of development. Child Development, 58, 889-909.

## 1988

11. Ludemann P<sup>+</sup> & **Nelson** CA (1988). The categorical representation of facial expressions by 7-month-old infants. Developmental Psychology, 24, 492-501.

## 1989

12. **Nelson** CA & Ludemann P<sup>+</sup> (1989). Past, current, and future trends in infant face perception research. Canadian Journal of Psychology, 43, 183-198.

## 1990

13. **Nelson** CA & Nugent K (1990). Recognition memory and resource allocation as revealed by children's event-related potential responses to happy and angry faces. Developmental Psychology, 26, 171-179.
14. **Nelson** CA (1990). Infant development [Review of *Advances in infancy research, Vol. 5.*] Contemporary Psychology, 35, 566-567.\*
15. **Nelson** CA, Ellis AE<sup>+</sup>, Collins PF<sup>+</sup>, & Lang SF<sup>+</sup> (1990). Infants' neuroelectric responses to missing stimuli: Can missing stimuli be novel stimuli? Developmental Neuropsychology, 6, 339-349.
16. **Nelson** CA, Collins PF<sup>+</sup>, & Torres F (1990). The lateralization of language comprehension using event-related potentials. Brain and Cognition, 14, 92-112.
17. Lang SF<sup>+</sup>, **Nelson** CA, & Collins PF<sup>+</sup> (1990). Event-related potentials to emotional and neutral stimuli. Journal of Clinical and Experimental Neuropsychology, 12, 946-958.
18. Kestenbaum R<sup>+</sup> & **Nelson** CA (1990). The recognition and categorization of upright and inverted emotional expressions by 7-month-old infants. Infant Behavior and Development, 13, 497-511.

## 1991

19. **Nelson** CA, & Collins PF<sup>+</sup> (1991). Event-related potential and looking time analysis of infants' responses to familiar and novel events: Implications for visual recognition memory. Developmental Psychology, *27*, 50-58.
20. **Nelson** CA, Collins PF<sup>+</sup>, & Torres F (1991). P300 brain activity in patients preceding temporal lobectomy. Archives of Neurology, *48*, 141-148.

### 1992

21. **Nelson** CA (1991). The capabilities of the human newborn. Views, Summer, 3-4. \*
22. **Nelson** CA, & Torres F (1992). The P300 in patients with temporal lobe lesions - in reply. Archives of Neurology, *49*, 220-221.
23. **Nelson** CA, & Collins PF<sup>+</sup> (1992). Neural and behavioral correlates of recognition memory in 4- and 8-month-old infants. Brain and Cognition, *19*, 105-121.
24. **Nelson** CA, & deRegnier RA<sup>+</sup> (1992). Neural correlates of attention and memory in the first year of life. Developmental Neuropsychology, *8*, 119-134.
25. Kestenbaum R<sup>+</sup>, & **Nelson** CA (1992). Neural and behavioral correlates of emotion recognition in children and adults. Journal of Experimental Child Psychology, *54*, 1-18.

### 1993

26. **Nelson** CA, Henschel M, & Collins PF<sup>+</sup> (1993). Neural correlates of cross-modal recognition memory by 8-month-old infants. Developmental Psychology, *29*, 411-420.
27. **Nelson** CA (1993). Brain and cognition in development. [Review of *Brain Maturation and Cognitive Development: Comparative and Cross-Cultural Perspectives*.] Contemporary Psychology, *38*, 1095-1096. \*

### 1994

28. Gunnar MR & **Nelson** CA (1994). Event-related potentials in year-old infants: Relations with Emotionality and Cortisol. Child Development, *65*, 80-94.
29. **Nelson** CA (1995). The ontogeny of human memory: A cognitive neuroscience perspective. Developmental Psychology, *31*, 723-738.

### 1996

30. Thomas KM<sup>+</sup> & **Nelson** CA (1996). Age-related changes in the electrophysiological response to visual stimulus novelty: A topographic approach. Electroencephalography and Clinical Neurophysiology, *98*, 294-308.
31. **Nelson** CA, & de Haan M<sup>+</sup> (1996). Neural correlates of infants' visual responsiveness to facial expressions of emotion. Developmental Psychobiology, *29*, 577-595.
32. Matthews A<sup>+</sup>, Ellis AE<sup>+</sup>, & **Nelson** CA (1996). Development of pre-term and full-term infant ability on AB, recall memory, transparent barrier detour, and means-end. Child Development, *67*, 2658-2676.

### 1997

33. DeRegnier RA<sup>+</sup>, Georgieff MK, & **Nelson** CA (1997). Visual event-related brain potentials in 4-month-old infants at risk for neurodevelopmental impairments. Developmental Psychobiology, *30*, 11-28.
34. Biederman I, Gerhardstein PC, Cooper EE, & **Nelson** CA (1997). High level object recognition without the anterior half of the temporal lobe. Neuropsychologia, *35*, 271-287.
35. de Haan M<sup>+</sup>, & **Nelson** CA (1997). Recognition of the mother's face by 6-month-old infants: A neurobehavioral study. Child Development, *68*, 187-210.

36. **Nelson CA**, & Bloom FE (1997). Child Development and Neuroscience. Child Development, 68, 970-987.\*

### 1998

37. **Nelson CA** (1998). The nature of early memory. Preventive Medicine, 27, 172-179.\*
38. Pascalis O<sup>+</sup>, de Haan M<sup>+</sup>, **Nelson CA**, & de Schonen S (1998). Long term recognition memory assessed by visual paired comparison in 3- and 6-month-old infants. Journal of Experimental Psychology: Learning, Memory, and Cognition, 24, 1-12.
39. **Nelson CA**, Thomas K<sup>+</sup>, de Haan M<sup>+</sup>, & Wewerka S (1998). Delayed recognition memory in infants and adults as revealed by event-related potentials. International Journal of Psychophysiology, 29, 145-165.\*
40. Boyce WT, Frank E, Jensen PS, Kessler RC, **Nelson CA**, & Steinberg L (1998). Social context in developmental psychopathology: Recommendations for future research from the MacArthur network on psychopathology and development. Development and Psychopathology, 10, 143-164.
41. Luciana M<sup>+</sup> & **Nelson CA** (1998). The functional emergence of prefrontally-guided working memory systems in four- to eight-year-old children. Neuropsychologia, 36, 272-293.
42. **Nelson CA** & Carver LJ<sup>+</sup> (1998). The effects of stress on brain and memory: A view from developmental cognitive neuroscience. Development and Psychopathology, 10, 793-809\*.
43. Casey BJ, Cohen JD, Craven KO, Davidson R, **Nelson CA**, Noll DC, Hu X, Lowe M, Rosen B, Truwit C, & Turski P (1998). Reproducibility of fMRI results across four institutions using a spatial working memory task. Neuroimage, 8, 249-261.
44. de Haan M<sup>+</sup>, **Nelson CA**, Gunnar MR, & Tout KA (1998). Hemispheric differences in brain activity related to the recognition of emotional expressions by 5-year-old children. Developmental Neuropsychology, 14, 495-518.\*

### 1999

45. Rao R, De Ungria M, Sullivan D, Wu P, Wobken JD, **Nelson CA**, & Georgieff MK (1999). Perinatal iron deficiency increases the vulnerability of rat hippocampus to hypoxic ischemic insult. Journal of Nutrition, 129, 199-206.
46. Ellis AE<sup>+</sup>, & **Nelson CA** (1999). Category Prototypicality Judgments in Adults and Children: Behavioral and Electrophysiological Correlates. Developmental Neuropsychology, 15(2), 193-211.
47. **Nelson CA** (1999). Neural plasticity and human development. Current Directions in Psychological Science, 8, 42-45.\*
48. Grillon C, Dierker L, Snidman N, Donzella B, Dikel T, Arriaga RI<sup>+</sup>, **Nelson CA**, Kagan J, & Merikangas KR (1999). Startle potentiation by threat of aversive stimuli and darkness in children and adolescents: A multi-site study. International Journal of Psychophysiology, 32, 63-73.
49. **Nelson CA** (1999). How important are the first 3 years of life? Applied Developmental Science, 3, 235-238\*
50. de Haan M<sup>+</sup>, & **Nelson CA** (1999). Brain activity differentiates face and object processing in 6-month-old infants. Developmental Psychology, 35, 1113-1121.
51. Luciana M<sup>+</sup>, Lindeke L, Georgieff M, Mills M, & **Nelson CA** (1999). Neurobehavioral evidence for prefrontally-guided working memory impairments in school-aged children with histories of prematurity. Developmental Medicine and Child Neurology, 41, 521-533.

## 2000

52. **Nelson** CA (2000). Neural plasticity and human development: The role of early experience in sculpting memory systems. Developmental Science, *3*, 115-130.
53. **Nelson** CA (2000). Neural plasticity and human development: The role of early experience in sculpting memory systems (response to peer commentary). Developmental Science, *3*, 135-136.
54. **Nelson** CA, Lin J, Carver LJ<sup>+</sup>, Monk CS<sup>+</sup>, Thomas KM<sup>+</sup>, & Truwit CL (2000). Functional neuroanatomy of spatial working memory in children. Developmental Psychology, *36*, 109-116.
55. Carver LJ<sup>+</sup>, Bauer PJ, & **Nelson** CA (2000). Associations between infant brain activity and recall memory. Developmental Science, *3*, 234-246.
56. **Nelson** CA (2000). Change and continuity in neurobehavioral development: Lessons from the study of neurobiology and neural plasticity. Infant Behavior and Development, *22*, 415-429.\*
57. de Haan M<sup>+</sup>, Bauer PJ, Georgieff MK, & **Nelson** CA (2000). Explicit memory in low-risk infants aged 19 months born between 27-42 weeks of gestation. Developmental Medicine and Child Neurology, *42*, 304-312.
58. de Ungria M, Rao R, Wobken JD, Luciana M<sup>+</sup>, **Nelson** CA, & Georgieff MK (2000). Perinatal iron deficiency decreases cytochrome c oxidase (CytOx) activity in selective regions of neonatal rat brain. Pediatric Research, *48*, 169-176.
59. Wegesin DJ<sup>+</sup> & **Nelson** CA (2000). Effect of inter-item lag on recognition memory in seizure patients preceding temporal lobe resection: Evidence from event-related potentials. International Journal of Psychophysiology, *37*, 243-255.
60. DeRegnier RA<sup>+</sup>, **Nelson** CA, Thomas K<sup>+</sup>, Wewerka S, & Georgieff MK (2000). Neurophysiologic evaluation of auditory recognition memory in healthy newborn infants and infants of diabetic mothers. Journal of Pediatrics, *137*, 777-784.
61. **Nelson** CA, Wewerka S, Thomas KM<sup>+</sup>, Tribby-Walbridge S, deRegnier RA<sup>+</sup>, & Georgieff M (2000). Neurocognitive sequelae of infants of diabetic mothers. Behavioral Neuroscience, *114*, 950-956.

## 2001

62. Thompson RA & **Nelson** CA (2001). Developmental science and the media: Early brain development. American Psychologist, *56*, 5-15.
63. Marcus D<sup>+</sup> & **Nelson** CA (2001). Neural bases and development of face recognition in autism. CNS Spectrums, *6*, 36-59.
64. **Nelson** CA (2001). The development and neural bases of face recognition. Infant and Child Development, *10*, 3-18.\*
65. **Nelson** CA (2001). The development and neural bases of face recognition: Reply to critiques. Infant and Child Development, *10*, 35-38.\*
66. Webb S<sup>+</sup>, & **Nelson** CA (2001). Perceptual priming for upright and inverted faces in infants and adults. Journal of Experimental Child Psychology, *79*, 1-22.
67. Gauthier I & **Nelson** CA (2001). The development of face expertise. Current Opinions in Neurobiology, *11*, 219-224.\*
68. **Nelson** CA (2001). Neural and behavioral plasticity in the developing brain. [Review of *The Changing Nervous System: Neurobehavioral Consequences of Early Brain Disorder*.] Contemporary Psychology, *46*, 353-355.\*
69. Monk CS<sup>+</sup>, Webb SJ<sup>+</sup>, & **Nelson** CA (2001). Prenatal neurobiological development: Molecular mechanisms and anatomical change. Developmental Neuropsychology, *19*, 211-236.

70. Webb SJ<sup>+</sup>, Monk CS<sup>+</sup>, & **Nelson** CA (2001). Mechanisms of postnatal neurobiological development in the prefrontal cortex and the hippocampal region: Implications for human development. Developmental Neuropsychology, *19*, 147-171.
71. Thomas KM<sup>+</sup>, & **Nelson** CA (2001). Serial reaction time learning in preschool- and school-age children. Journal of Experimental Child Psychology, *79*, 364-387.
72. Luciana, M., Sullivan, J., & **Nelson**, C. A. (2001). Associations between phenylalanine-to-tyrosine ratios and performance on tests of neuropsychological function in adolescents treated early for phenylketonuria. Child Development, *72*, 1637-1652

## 2002

73. Monk CS<sup>+</sup> & **Nelson** CA (2002). The effects of hydrocortisone on cognitive and neural functions: A behavioral and event-related potential investigation. Neuropsychopharmacology, *26*, 505-519.
74. Pascalis O<sup>+</sup>, de Haan M<sup>+</sup>, & **Nelson** CA (2002). Is face processing species specific during the first year of life? Science, *296*, 1321-1323.
75. Curtis WJ<sup>+</sup>, Lindeke LL, Georgieff MK, & **Nelson** CA (2002) Neurobehavioral functioning in neonatal intensive care unit graduates in late childhood and early adolescence. Brain, *125*, 1646-1659.
76. Monk CS<sup>+</sup>, Zhuang J, Curtis WJ, Ofenloch IT<sup>+</sup>, Tottenham N<sup>+</sup>, **Nelson** CA, & Hu X (2002). Human hippocampal activation in the delayed matching- and nonmatching-to-sample memory tasks: an event-related functional MRI approach. Behavioral Neuroscience, *116*, 716-721.
77. **Nelson** CA, Bloom FE, Cameron J, Amaral D, Dahl R, & Pine D (2002). An integrative, multidisciplinary approach to the study of brain-behavior relations in the context of typical and atypical development. Development and Psychopathology, *14*, 499-520.\*
78. Costello EJ, Pine DS, Hammen C, March JS, Plotsky PM, Weissman MM, Biederman J, Goldsmith HH, Kaufman J, Lewisohn PM, Hellander JD, Hoagwood K, Koretz DS, **Nelson** CA, & Leckman JF (2002). Development and natural history of mood disorders. Biological Psychiatry, *52*, 529-542.\*
79. Georgieff MK, Wewerka SW, **Nelson** CA, & deRegnier RA<sup>+</sup> (2002). Follow-up iron status of infants with low iron stores at birth. Journal of Pediatrics, *141*, 405-409.
80. deRegnier RA<sup>+</sup>, Wewerka S, Georgieff MK, Mattia F, & **Nelson** CA (2002). Influences of postconceptional age and postnatal experience on the development of auditory recognition memory in the newborn infant. Developmental Psychobiology *41*, 216-225.\*
81. Snyder K<sup>+</sup>, Webb SJ<sup>+</sup>, & **Nelson** CA (2002). Theoretical and methodological implications of variability in infant brain response during a recognition memory paradigm. Infant Behavior and Development, *25*, 466-494.
82. Luciana M<sup>+</sup>, & **Nelson** CA (2002). Assessment of neuropsychological function through use of the Cambridge Neuropsychological Testing Automated Battery: Performance in 4- to 12-year-old children Developmental Neuropsychology, *22*, 595-624.

## 2003

83. Davis EP<sup>+</sup>, Bruce J, Snyder K<sup>+</sup>, & **Nelson** CA (2003). The X-trials: Neural correlates of an inhibitory control task in children and adults. Journal of Cognitive Neuroscience, *15*, 432-443.
84. **Nelson** CA, Wewerka S, Borscheid AJ, deRegnier RA<sup>+</sup>, & Georgieff MK (2003). Electrophysiologic evidence of impaired cross-modal recognition memory in 8-month-old infants of diabetic mothers. Journal of Pediatrics, *142*, 575-582.

85. **Nelson CA** (2003). Brain development. Erdelyi Pszichologiai Szemle (Transylvanian Psychological Review), IV, 2, Kolozsvár, 191-198.
86. Stolarova M<sup>+</sup>, Whitney H<sup>+</sup>, Webb S<sup>+</sup>, deRegnier RA<sup>+</sup>, Georgieff M, & **Nelson CA** (2003). Electrophysiological brain responses of six-month-old low-risk premature infants during a visual priming task. Infancy, 4, 437-450.
87. Bauer PJ, Wiebe SA, Carver LJ<sup>+</sup>, Waters JM, & **Nelson CA** (2003). Developments in long-term explicit memory late in the first year of life: Behavioral and electrophysiological indices. Psychological Science, 14, 629-635.
88. Zeanah CH, **Nelson CA**, Fox NA, Smyke AT, Marshall P, Parker SW<sup>+</sup>, & Koga S (2003). Designing research to study the effects of institutionalization on brain and behavioral development: The Bucharest Early Intervention Project. Development and Psychopathology, 15, 885-907\*

## 2004

89. **Nelson CA** (2004). What do studies of face processing tell us about trajectories of development? A commentary on Cashon and Cohen. Journal of Cognition and Development, 1, 131-135.
90. Siddappa AM, Georgieff MK, Wewerka S, Worwa C, **Nelson CA**, & deRegnier RA<sup>+</sup> (2004). Iron deficiency alters auditory recognition memory in newborn infants of diabetic mothers. Pediatric Research, 55, 1034-1041.
91. Goldman DZ<sup>+</sup>, Shapiro EG, & **Nelson CA** (2004). Measurement of vigilance in 2-year-old children. Developmental Neuropsychology, 25, 227-250.
92. Black LS<sup>+</sup>, deRegnier RA<sup>+</sup>, Georgieff MK, & **Nelson CA** (2004). Electrographic imaging of recognition memory in 34-38 week gestation intrauterine growth restricted newborns. Experimental Neurology, 190, 72-83.\*
93. Marshall PJ, Fox NA, & the Bucharest Early Intervention Project Core Group (2004). A comparison of the electroencephalogram between institutionalized and community children in Romania. Journal of Cognitive Neuroscience, 16, 1327-1338.

## 2005

94. Parker SW<sup>+</sup>, **Nelson CA**, et al. (2005). The impact of early institutional rearing on the ability to discriminate facial expressions of emotion: an event-related potential study. Child Development, 76, 54-72.
95. **Nelson CA** & Gottesman II (2005). A piece of a neuroscientist's mind. Review of the great brain debate: Nature or nurture by John E. Dowling. Science, 307, 1204.
96. Pascalis O<sup>+</sup>, Scott LS<sup>+</sup>, Kelly DJ, Dufour RW, Shannon RW<sup>+</sup>, Nicholson E<sup>+</sup>, Petit O, Coleman M, & **Nelson CA** (2005). Plasticity of face processing in infancy. Proceedings of the National Academy of Sciences, 102, 5297-5300.
97. Lukowski AF, Wiebe SA, Haight JC, DeBoer T<sup>+</sup>, **Nelson CA**, & Bauer PJ (2005). Forming a stable memory representation in the first year of life: Why imitation is more than child's play. Developmental Science, 8, 279-298.
98. DeBoer T<sup>+</sup>, Wewerka S, Bauer PJ, Georgieff MK, & **Nelson CA** (2005). Explicit memory performance in infants of diabetic mothers at 1 year of age. Developmental Medicine and Child Neurology, 47, 525-531.
99. Parker SW<sup>+</sup>, **Nelson CA**, & the BEIP core group (2005). An event-related potential study of the impact of institutional rearing on face recognition. Development and Psychopathology, 17, 621-639.

100. Scott LS<sup>+</sup>, Luciana M<sup>+</sup>, Wewerka S, & **Nelson** CA (2005). Electrophysiological correlates of facial self-recognition in adults and children. Cognition, Brain, and Behavior, *9*, 211-238\*
101. Townsend EL<sup>+</sup>, Georgieff MK, & **Nelson** CA (2005). Neurobehavioral functioning in 5-year-old children born to diabetic mothers. Cognition, Brain, and Behavior, *9*, 363-381\*
102. Luciana M<sup>+</sup>, Gunnar MR, **Nelson** CA, Davis EP, & Donzella B (2005). Children's "catastrophic responses" to negative feedback on CANTAB's ID/ED set-shifting task: Relation to indices of a depressive temperamental style. Cognition, Brain, and Behavior, *9*, 343-361\*
103. Zeanah CZ, Smyke AT, Koga SF, Carlson E, & the BEIP core group (2005). Attachment in institutionalized and community children in Romania. Child Development, *76*, 1015-1028.
104. **Nelson** CA (2005). Introduction to special issue of child abandonment. Journal of Applied Developmental Psychology, *26*, 475-476.
105. Webb SJ<sup>+</sup>, Long JD, & **Nelson** CA (2005). A longitudinal investigation of visual event-related potentials in the first year of life. Developmental Science, *8*, 605-616.
106. Scott L<sup>+</sup>, Shannon RW<sup>+</sup>, & **Nelson** CA (2005). Behavioral and electrophysiological evidence of species-specific face processing. Cognitive, Affective, & Behavioral Neuroscience, *5*, 405-416.
107. Scott L<sup>+</sup>, Shannon RW, & **Nelson** CA (2005). Neural correlates of human and monkey face processing in 9-month-old infants. Infancy, *10*, 171-186.

## 2006

108. Quinn PC, Westerlund A, & **Nelson** CA (2006). Neural markers for categorization in 6-month-old infants. Psychological Science, *17*, 59-66.
109. **Nelson** CA, Parker SW<sup>+</sup>, Guthrie D, & the BEIP Core Group (2006). The discrimination of facial expressions by typically developing infants and toddlers and those experiencing early institutional care. Infant Behavior and Development, *29*, 210-219.
110. Cassia VM, Kuefner D<sup>+</sup>, Westerlund A, & **Nelson** CA (2006). A behavioural and ERP investigation of 3-month-olds' face preferences. Neuropsychologia, *44* (11), 2113-2125.\*
111. Curtis WJ<sup>+</sup>, Zhuang J, Townsend EL<sup>+</sup>, Hu X, & **Nelson** CA (2006). Memory in early adolescents born prematurely: A functional Magnetic Imaging Investigation. Developmental Neuropsychology, *29* (2), 341-377. \*
112. Macchi Cassia V, Kuefner D<sup>+</sup>, Westerlund A, & **Nelson** CA (2006). Modulation of face-sensitive event-related potentials by canonical and distorted human faces: The role of vertical symmetry and up-down featural arrangement. Journal of Cognitive Neuroscience, *18* (8), 1343-1358.
113. Seaquist ER, Chen W, Benedict LE, Ugurbil K, Kwag JH, Zhu XH, & **Nelson** CA (2006). Insulin reduces the BOLD response but is without effect on the VEP during presentation of a visual task in humans. Journal of Cerebral Blood Flow & Metabolism, *27* (1), 154-160.
114. Benedict L, **Nelson** CA, Schunk E<sup>+</sup>, Sullwold K<sup>+</sup>, & Seaquist ER (2006). Effect of insulin on the brain activity obtained during visual and memory tasks in healthy human subjects. Neuroendocrinology, *83* (1), 20-26.
115. Bauer PJ, Wiebe SA, Carver LJ<sup>+</sup>, Lukowski AF, Haight JC, Waters JM, & **Nelson** CA (2006). Electrophysiological indexes of encoding and behavioral indexes of recall: Examining relations and developmental change late in the first year of life. Developmental Neuropsychology, *29* (2), 293-320.\*
116. Scott L<sup>+</sup> & **Nelson** CA (2006). Featural and configural face processing in adults and infants: A behavioral and electrophysiological investigation. Perception, *35*(8), 1107-1128.

117. **Nelson CA**, Moulson MC<sup>+</sup>, & Richmond J<sup>+</sup> (2006). How does neuroscience inform the study of cognitive development? Human Development, 46, 260-272.
118. Zeanah CH, Koga SF, Simion B, Stanescu A, Tabacaru CL, Fox NA, **Nelson CA**, & the BEIP core group (2006). Ethical considerations in international research collaboration: The Bucharest Early Intervention Project. Infant Mental Health Journal, 27(6), 559-576.
119. Zeanah CH, Koga SF, Simion B, Stanescu A, Tabacaru CL, Fox NA, **Nelson CA**, & the BEIP core group (2006). Response to commentary: Ethical dimensions of the BEIP. Infant Mental Health Journal, 27, 581-583.
120. Wolf SM, Kahn JP, Lawrenz FP, & **Nelson CA** (2006). The incidentalome. Journal of the American Medical Association, 296, 2800.

## 2007

121. Smyke AT, Koga SF, Johnson DE, Fox NA, Marshall PJ, **Nelson CA**, Zeanah CH, & the BEIP Core Group (2007). The caregiving context in institution reared and family reared infants and toddlers in Romania. Journal of Child Psychology and Psychiatry, 48, 210-218.
122. Leppanen JM<sup>+</sup>, Moulson MC<sup>+</sup>, Vogel-Farley VK, & **Nelson CA** (2007). An ERP study of emotional face processing in the adult and infant brain. Child Development, 78(1), 232-245.
123. deRegnier R<sup>+</sup>, Long JD, Georgieff MK, & **Nelson CA** (2007). Using event-related potentials to study perinatal nutrition and brain development in infants of diabetic mothers. Developmental Neuropsychology, 31(3), 379-396.
124. Burden MJ, Westerlund AJ, Armony-Sivat R, **Nelson CA**, Jacobson SW, Lozoff B, Angelilli ML, & Jacobson JL (2007). An event-related potential study of attention and recognition memory in infants with iron-deficiency anemia. Pediatrics, 120(2), e336-345.
125. Richmond J<sup>+</sup> & **Nelson CA** (2007). Accounting for change in declarative memory: A cognitive neuroscience perspective. Developmental Review, 27 (3), 349-373.
126. Scott LS<sup>+</sup>, Pascalis O<sup>+</sup>, & **Nelson CA** (2007). A domain-general theory of the development of perceptual development. Current Directions in Psychological Science, 16 (4), 197-201.
127. Windsor J, Glaze LE, Koga SF, & Bucharest Early Intervention Project Core Group (2007). Language acquisition with limited input: Romanian institution and foster care. Journal of Speech, Language, and Hearing Research, 50(5), 1365-1381.
128. **Nelson CA** (2007). A neurobiological perspective on early human deprivation. Child Development Perspectives, 1, 13-18.
129. **Nelson CA**, Zeanah CH, Fox NA, Marshall PJ, Smyke AT, & Guthrie D (2007). Cognitive recovery in socially deprived young children: The Bucharest Early Intervention Project. Science, 318, 1937-1940.

## 2008

130. Marshall PJ, Reeb BC, Fox NA, **Nelson CA**, & Zeanah CH (2008). Effects of early intervention on EEG power and coherence in previously institutionalized children in Romania. Development and Psychopathology, 20 (3), 861-880.
131. **Nelson CA** (2008). Incidental findings in Magnetic Resonance Imaging (MRI) brain research. Journal of Law, Medicine and Ethics, 36(2), 315-319.
132. Wolf SM, Lawrenz FP, **Nelson CA**, Kahn JP, Cho MK, Clayton EW, Fletcher JG, Georgieff MK, Hammerschmidt D, Hudson K, Illes J, Kapur V, Keane MA, Koenig BA, Leroy BS, McFarland EG, Paradise J, Parker LS, Terry SF, Van Ness B, & Wilfond BS (2008). Managing incidental findings in human subjects research: Analysis and recommendations. Journal of Law, Medicine and Ethics, 36 (2), 219-248.

133. **Nelson** CA, Zeanah CH, Fox N, Marshall PJ, Smyke AT, & Guthrie D (2008). Letter to the editor. Science, *319*, 1336-1337.
134. **Nelson** CA & McCleery JP<sup>+</sup> (2008). Use of event-related potentials in the study of typical and atypical development. Journal of the American Academy of Child and Adolescent Psychiatry, *47*(11), 1253-1262.

## 2009

135. Leppänen JM<sup>+</sup> & **Nelson** CA (2009). Tuning the developing brain to social signals of emotion. Nature Reviews Neuroscience, *10* (1), 37-47.
136. Moulson MC<sup>+</sup>, Fox NA, Zeanah CH, & **Nelson** CA (2009). Early adverse experiences and the neurobiology of facial emotion processing. Developmental Psychology, *45*(1): 17-30.
137. Riggins T<sup>+</sup>, Miller NC, Bauer PJ, Georgieff MK, & **Nelson** CA (2009). Electrophysiological indices of memory for temporal order in early childhood: Implications for the development of recollection. Developmental Science, *12*: 209-219.
138. Ghera M, Marshall P, Fox N, Zeanah C, **Nelson** CA, & Smyke AT (2009). The effects of foster care intervention on socially deprived institutionalized children's attention and positive affect: Results from the BEIP study. Journal of Child Psychology and Psychiatry, *50*: 246-253.
139. Jeste SS<sup>+</sup> & **Nelson** CA (2009). Event related potentials in the understanding of autism spectrum disorders: An analytical review. Journal of Autism and Developmental Disorders, *39*: 495-510.
140. Riggins T<sup>+</sup>, Miller NC, Bauer PJ, Georgieff MK, & **Nelson** CA (2009). Consequences of low neonatal iron status due to maternal diabetes mellitus on explicit memory performance in childhood. Developmental Neuropsychology, *34*(6): 762-779.
141. Burden MJ, Andrew C, Saint-Amour D, Meintjes EM, Molteno CD, Hoyme HE, Robinson LK, Khaole N, **Nelson** CA, Jacobson JL, & Jacobson SW (2009). The effects of fetal alcohol syndrome on response execution and inhibition: An event-related potential study. Alcoholism, Clinical and Experimental Research, *33*(11): 1994-2004.
142. **Nelson** CA, Furtado EA, Fox NA, & Zeanah CH (2009). The deprived human brain. American Scientist, *97*(3): 222-229.
143. Leppänen JM<sup>+</sup>, Richmond J<sup>+</sup>, Moulson MC<sup>+</sup>, Vogel-Farley V, & **Nelson** CA (2009). Categorical representation of facial expressions in the infant brain. Infancy, *14*(3): 346-362.
144. Zeanah CH, Egger HL, Smyke AT, **Nelson** CA, Fox NA, Marshall PJ, & Guthrie D (2009). Institutional rearing and psychiatric disorders in Romanian preschool children. American Journal of Psychiatry, *166*: 777-785.
145. Richmond J<sup>+</sup> & **Nelson** CA (2009). Relational memory during infancy: Evidence from eye tracking. Developmental Science, *12*(4): 549-556.
146. Smyke AT, Zeanah CH, Fox NA, & **Nelson** CA (2009). A new model of foster care for young children: The Bucharest Early Intervention Project. Child and Adolescent Psychiatry Clinics of North America, *18*(3): 721-734.
147. Tottenham N<sup>+</sup>, Tanaka JW, Leon A, McCarry T, Nurse M, Hare TA, Marcus DJ<sup>+</sup>, Westerlund A, Casey BJ, & **Nelson** CA (2009). The NimStim set of facial expressions: Judgments from untrained research participants. Psychiatry Research, *168*(3): 242-249.
148. Moulson MC<sup>+</sup>, Westerlund A, & **Nelson** CA (2009). The effects of early experience on face recognition: An event-related potential study of institutionalized children in Romania. Child Development, *80*(4): 1039-1056.

149. Peltola MJ, Leppänen JM<sup>+</sup>, Vogel-Farley VK, Hietanen JK, & **Nelson** CA (2009). Fearful faces but not fearful eyes alone delay attention disengagement in 7-month-old infants. Emotion, 9(4): 560-565.
150. Bos K<sup>+</sup>, Fox NA, Zeanah CH, & **Nelson** CA (2009). Effects of early psychosocial deprivation on the development of memory and executive function. Frontiers in Behavioral Neuroscience, 3:16.
151. Cordon<sup>+</sup>, Georgieff MK, & **Nelson** CA (2009). Neural correlates of emotion processing in typically developing children and children with diabetic mothers. Developmental Neuropsychology, 34(6): 683-700.
152. Tierney AL<sup>+</sup> & **Nelson** CA (2009). Brain development and the role of experience in the early years. Zero to Three, 30(2): 9-13.

## 2010

153. Balas B<sup>+</sup> & **Nelson** CA (2010). The role of face shape and pigmentation in other-race face perception: An electrophysiological study. Neuropsychologia, 48(2): 498-506.
154. Aflaki P, **Nelson** CA, Balas B<sup>+</sup>, Pomahac B (2010). Simulated central face transplantation: Age consideration in matching donors and recipients. Journal of Plastic, Reconstructive, and Aesthetic Surgery, 63(3): 283-285.
155. Fox SE<sup>+</sup>, Levitt P, & **Nelson** CA (2010). How the timing and quality of early experiences influence the development of brain architecture. Child Development, 81(1): 28-40.
156. Smyke A, Zeanah, Fox NA, **Nelson** CA, & Guthrie D (2010). Placement in foster care enhances quality of attachment among young institutionalized children. Child Development, 81(1): 212-223.
157. Pollak SD, **Nelson** CA, Schlaak MF, Roeber BJ, Wewerka SS, Wiik KL, Fern KA, Loman MM, & Gunnar MR (2010). Neurodevelopmental effects of early deprivation in postinstitutionalized children. Child Development, 81(1): 224-236.
158. Jeon H<sup>+</sup>, **Nelson** CA, & Moulson M<sup>+</sup> (2010). The effects of early institutionalization on the discrimination of facial expressions of emotion in young children. Infancy, 15(2): 209-221.
159. Balas B<sup>+</sup>, **Nelson** CA, Westerlund A, Vogel-Farley V, Riggins T<sup>+</sup>, & Kuefner D<sup>+</sup> (2010). Personal familiarity influences the processing of upright and inverted faces in infants. Frontiers in Human Neuroscience, 4: 1-6.
160. Johnson DE, Guthrie D, Smyke AT, Koga SF, Fox NA, Zeanah CH, & **Nelson** CA (2010). Growth and associations between auxology, caregiving environment, and cognition in socially deprived Romanian children randomized to foster vs. ongoing institutional care. Archives of Pediatrics & Adolescent Medicine, 164(6): 507-516.
161. Burden MJ, Jacobson JL, Westerlund A, Lundhal LH, Morrison A, Dodge BA, Klorman R, **Nelson** CA, Avison MJ, & Jacobson SW (2010). An event-related potential study of response inhibition in ADHD with and without prenatal alcohol exposure. Alcoholism: Clinical and Experimental Research, 34(4): 617-627.
162. Bos KJ<sup>+</sup>, Zeanah CH, Smyke AT, Fox NA, & **Nelson** CA (2010). Stereotypies in children with a history of early institutional care. Archives of Pediatrics & Adolescent Medicine, 164(5): 406-411.
163. Melinder A, Gredeback G, Westerlund A, & **Nelson** CA (2010). Brain activation during upright and inverted encoding of own and other-age faces: ERP evidence for an own-age bias. Developmental Science, 13(4): 588-598.

164. Drury SS, Theall KP, Smyke AT, Bronya JK, Egger HL, **Nelson** CA, Fox NA, Marshall PJ, & Zeanah CH (2010). Modification of depression by COMT val158met polymorphism in children exposed to early severe psychosocial deprivation. Child Abuse and Neglect, 34(6): 387-395.
165. Vanderwert RE<sup>+</sup>, Marshall PJ, **Nelson** CA, Zeanah CH, & Fox NA (2010). Timing of intervention affects brain electrical activity in children exposed to severe psychosocial neglect. PLoSOne, 5(7): 1-5.
166. Pomahac B, Aflaki P, **Nelson** CA, & Balas B (2010). Evaluation of appearance transfer and persistence in central face transplantation: A computer simulation analysis. Journal of Plastic, Reconstructive, and Aesthetic Surgery, 63(5): 733-738.
167. Lukowski AF<sup>+</sup>, Koss M, Burden MJ, Jonides J, **Nelson** CA, Kaciroti N, Jimenez E, & Lozoff B (2010). Iron deficiency in infancy and neurocognitive functioning at 19 years: Evidence of long-term deficits in executive function and recognition memory. Journal of Cognitive, Affective, and Behavioral Neuroscience, 13(2): 54-70.
168. McLaughlin KA<sup>+</sup>, Fox NA, Zeanah CH, Sheridan MA<sup>+</sup>, Marshall PJ, & **Nelson** CA (2010). Delayed maturation in brain electrical activity partially explains the association between early environmental deprivation and symptoms of Attention-Deficit/Hyperactivity Disorder (ADHD). Biological Psychiatry 68(4): 329-336.
169. Riggins T<sup>+</sup>, Bauer PJ, Georgieff MK, & **Nelson** CA (2010). Declarative memory performance in infants of diabetic mothers. Advances in Child Development and Behavior, 38: 73-110.
170. Drury SS, Scheeringa MS, Schmidt KE, & **Nelson** CA (2010). From biology to behavior to the law: Policy implications of the neurobiology of early adverse experiences. Whither Journal of Child and Family Advocacy, 10(1): 25-51.

## 2011

171. Couperus JW<sup>+</sup>, Hunt RH, **Nelson** CA, & Thomas KM (2011). Visual search and contextual cueing: Differential effects in 10-year-old children and adults. Attention, Perception, and Psychophysics, 73 (2): 334-348.
172. Burden MJ, Westerlund A, Muckle G, Dodge N, Dewailly E, **Nelson** CA, Jacobson SW, & Jacobson JL (2011). The effects of maternal binge drinking during pregnancy on neural correlates of response inhibition and memory in childhood. Alcoholism: Clinical and Experimental Research, 35(1): 69-82.
173. Bos K<sup>+</sup>, Zeanah CH, Fox NA, Drury SS, & **Nelson** CA (2011). Psychiatric outcomes in young children with a history of institutionalization. Harvard Review of Psychiatry, 19(1): 15-24.
174. Gleason MM, Fox NA, Drury SS, Smyke AT, Egger HL, **Nelson** CA, Gregas MG, & Zeanah CH (2011). Validity of evidence-derived criteria for reactive attachment disorder: Indiscriminately social/disinhibited and emotionally withdrawn/inhibited types. Journal of the American Academy of Child and Adolescent Psychiatry, 50(3): 216-231.
175. Bosl WJ, Tierney AL<sup>+</sup>, Tager-Flusberg H, & **Nelson** CA (2011). EEG Complexity as a biomarker for autism spectrum disorder risk. BMC-Medicine, 9(18).
176. Moulson M<sup>+</sup>, Shannon R, & **Nelson** CA (2011). Neural correlates of visual recognition in 3-month-old infants: The role of experience. Developmental Psychobiology, 53(4): 416-424.
177. Fox NA, Almas AN, Degnan KA, **Nelson** CA, & Zeanah CH (2011). The effects of severe psychosocial deprivation and foster care intervention on cognitive development at 8 years of age: Findings from the Bucharest Early Intervention Project. Journal of Child Psychology and Psychiatry, 52(9): 919-928.
178. Fox NA, Almas AN, Degnan KA, **Nelson** CA, & Zeanah CH (2011). Commentary response: Handling long-term attrition in randomized controlled field trials: Novel approaches by BEIP

- and response to McCall. Journal of Child Psychology and Psychiatry, 52(9): 931-932.
179. Boucher O, Burden MJ, Muckle G, Saint-Amour D, Ayotte P, Dewailly E, **Nelson CA**, Jacobson SW, & Jacobson JL (2011). Neurophysiologic and neurobehavioral evidence of beneficial effects of prenatal omega-3 fatty acid intake on memory function at school age. The American Journal of Clinical Nutrition, 93(5): 1025-1037.
180. Luyster RJ<sup>+</sup>, Wagner JB<sup>+</sup>, Vogel-Farley V, Tager-Flusberg H, & **Nelson CA** (2011). Neural correlates of familiar and unfamiliar face processing in infants at risk for autism spectrum disorders. Brain Topography, 24 (3-4): 220-228.
181. Windsor J, Benigno JP, Wing CA, Carroll PJ, Koga SF, **Nelson CA**, Fox NA, & Zeanah CH (2011). Effect of foster care on young children's language learning. Child Development, 82(4), 1040-1046.
182. Balas B<sup>+</sup>, Westerlund A, Hung K, & **Nelson CA** (2011). Shape, color and the other-race effect in the infant brain. Developmental Science, 14(4), 892-900.
183. Moulson MC<sup>+</sup>, Balas B<sup>+</sup>, **Nelson CA**, & Sinha P (2011). EEG correlates of categorical and graded face perception. Neuropsychologia, 49(14): 3847-3853.
184. McLaughlin KA<sup>+</sup>, Fox NA, Zeanah CH, & **Nelson CA** (2011). Adverse rearing environments and neural development in children: The development of frontal electroencephalogram asymmetry. Biological Psychiatry, 70: 1008-1015.
185. **Nelson CA**, Bos K, Gunnar MR, & Sonuga-Barke EJS (2011). V. The Neurobiological toll of early human deprivation. Monographs of the Society for Research in Child Development, 76: 127-146.
186. Walker SP, Wachs TD, Grantham-McGregor S, Black MM, **Nelson CA**, Huffman SL, Baker-Henningham H, Chang SM, Hamadani JD, Lozoff B, Meeks Gardner JM, Powell CA, Rahman A, & Richter L (2011). Inequality in early childhood: Risk and protective factors for early child development. The Lancet, 378, 1325-1338.
187. Gervain J, Mehler J, Werker JF, **Nelson CA**, Csibra F, Lloyd-Fox S, Shulka M, & Aslin RN (2011). Near-infrared spectroscopy: A report from the McDonnell infant methodology consortium. Developmental Cognitive Neuroscience, 1, 22-46.
188. Gleason MM, Zamfirescu A, Egger HL, **Nelson CA**, Fox NA, & Zeanah CH (2011). Epidemiology of psychiatric disorders in very young children in a Romanian pediatric setting. European Child & Adolescent Psychiatry, 20, 527-535.
189. Wagner JB<sup>+</sup>, Fox SE<sup>+</sup>, Tager-Flusberg H, & **Nelson CA** (2011). Neural processing of repetition and non-repetition grammars in 7-and 9-month-old infants. Frontiers in Language Sciences, 2, 168.

## 2012

190. Drury SS, Theall KP, Gleason MM, Smyke AT, Devivo I, Wong JYY, Fox NA, Zeanah CH, & **Nelson CA** (2012). Telomere length and early severe social deprivation: Linking early adversity and cellular aging. Molecular Psychiatry, 17 (7): 719-727.
191. Drury SS, Gleason MM, Theall KP, Smyke AT, **Nelson CA**, Fox NA, & Zeanah CH (2012). Genetic sensitivity to the caregiving context: The influence of 5httlpr and BDNF val66met on indiscriminate social behavior. Physiology & Behavior, 106 (5): 728-735.
192. McDermott J<sup>+</sup>, Westerlund A, Zeanah CH, **Nelson CA**, & Fox NA (2012). Early adversity and neural correlates of executive function: Implications for academic adjustment. Developmental Cognitive Neuroscience, 2S, S59-S66.
193. Güler OE, Hostinar CE, Frenn KA, **Nelson CA**, Gunnar MR, & Thomas KM (2012). Electrophysiological evidence of altered memory processing in children experiencing early

- deprivation. Developmental Science, 15(3): 345-358.
194. McLaughlin KA<sup>+</sup>, Zeanah CH, Fox NA, & **Nelson** CA (2012). Attachment security as a mechanism linking foster care placement to improved mental health outcomes in previously institutionalized children. Journal of Child Psychology and Psychiatry, 53(1): 46-55.
195. Congdon EL<sup>+</sup>, Westerlund A, Algarin CR, Periano PD, Gregas M, Lozoff BM, & **Nelson** CA (2012). Iron deficiency in infancy is associated with altered neural correlates of recognition memory at 10 years. Journal of Pediatrics, 160(6):1027-1033.
196. Boucher O, Burden MJ, Muckle G, Saint-Amour D, Ayotte P, Dewailly E, **Nelson** CA, Jacobson SW, & Jacobson JL (2012). Response inhibition and error monitoring during a visual go/no-go task in Inuit children exposed to lead, polychlorinated biphenyls, and methylmercury. Environmental Health Perspectives, 120: 608-615.
197. **Nelson** CA (2012). Facing autism: Eye-tracking paves the way to underlying mechanisms. Journal of the American Academy of Child and Adolescent Psychiatry, 51(3): 233-234.
198. Smyke AT, Zeanah CH, Gleason MM, Drury SS, Fox NA, **Nelson** CA, & Guthrie DG (2012). A randomized controlled trial comparing foster care and institutional care for children with signs of reactive attachment disorder. American Journal of Psychiatry, 169(5): 508-514.
199. Zeanah CH, Fox NA, & **Nelson** CA (2012). The Bucharest Early Intervention Project: Case study in the ethics of mental health research. The Journal of Nervous and Mental Disease, 200(3): 243-247.
200. Leppanen JM<sup>+</sup> & **Nelson** CA (2012). Early development of fear processing. Current Directions in Psychological Science, 21(3): 200-204.
201. Tierney AL<sup>+</sup>, Gabard-Durnam L<sup>+</sup>, Vogel-Farley V, Tager-Flusberg H, & **Nelson** CA (2012). Developmental trajectories of resting EEG power: An endophenotype of autism spectrum disorder. PLOS One, 7(6): e39127.
202. McGoron L, Gleason MM, Smyke AT, Drury SD, **Nelson** CA, Fox NA, & Zeanah CH (2012). Recovering from early deprivation: Attachment mediates effects of caregiving on psychopathology. Journal of the American Academy of Child and Adolescent Psychiatry 61(7): 683-693.
203. Peters JM, Sahin M, Vogel-Farley V, Jeste SS<sup>+</sup>, **Nelson** CA, Gregas MC, Prabhu SP, Scherrer B, & Warfield SK (2012). Loss of white matter microstructural integrity is associated with adverse neurological outcome in tuberous sclerosis complex. Academic Radiology, 19(1):17-25.
204. Mai X, Xu L, Li M, Shao J, Zhao Z, deRegnier RA, **Nelson** CA, & Lozoff B (2012). Auditory recognition memory in 2-month-old infants as assessed by event-related potentials. Developmental Neuropsychology, 37(5):400-414.
205. Sheridan MS<sup>+</sup>, Fox NA, Zeanah CH, McLaughlin K<sup>+</sup>, & **Nelson** CA (2012). Variation in neural development as a result of exposure to institutionalization early in childhood. Proceedings of the National Academy of Sciences, 109(32):12927-12932.
206. Slopen N<sup>+</sup>, McLaughlin KA<sup>+</sup>, Fox NA, Zeanah CH, & **Nelson** CA (2012). Alterations in neural processing and psychopathology in children raised in institutions. Archives of General Psychiatry, 69 (10):1022-1030.
207. Almas AN, Degnan KA, Radulescu A, **Nelson** CA, Zeanah CH, & Fox NA (2012). Effects of early intervention and the moderating effects of brain activity on institutionalized children's social skills at age 8.. Proceedings of the National Academy of Sciences, 109(2):17228-17231.

208. Lewis WW, Sahin M, Scherrer B, Peters JM, Suarez Ro, Vogel-Farley V, Jeste SS, Gregas MC, Prabhu SP, **Nelson CA**, & Warfield SK (2013). Impaired language pathways in tuberous sclerosis complex patients with autism spectrum disorders. Cerebral Cortex, *23* (7): 1526-1532.
209. Wagner JB<sup>+</sup>, Hirsch SB<sup>+</sup>, Vogel-Farley V, Redcay E, & **Nelson CA** (2013). Eye-tracking, autonomic, and electrophysiological correlates of emotional face processing in adolescents with autism spectrum disorder. Journal of Autism and Developmental Disorders, *43*(1):188-189.
210. Seery AM<sup>+</sup>, Vogel-Farley V, Tager-Flusberg H, & **Nelson CA** (2013). Atypical lateralization of ERP response to native and non-native speech in infants at risk for autism spectrum disorder. Developmental Cognitive Neuroscience, *5*:10-24.
211. Loman MM, Johnson AE, Westerlund A, Pollak SD, **Nelson CA**, & Gunnar MR (2013). The effect of early deprivation on executive attention in middle childhood. Journal of Child Psychology and Psychiatry, *54*:37-45.
212. **Nelson CA**, Fox NA, & Zeanah CH (2013). Anguish of the abandoned child. Scientific American, *308*(4):62-67.
213. Peters JM, Taquet M, Vega C, Jeste SS, Fernández IS, Tan J, **Nelson CA**, Sahin M, & Warfield SK (2013). Brain functional networks in syndromic and non-syndromic autism: A graph theoretical study of EEG connectivity. BMC Medicine, *11*:54.
214. Zeanah CH, Fox NA, & **Nelson CA** (2013). Attachment relationships in the context of severe deprivation: The Bucharest Early Intervention Project. International Society for the Study of Behavioral Development 2013 Bulletin, *1*(63):6-9.
215. Algarin C, **Nelson CA**, Peirano P, Westerlund A, Reyes S, & Lozoff B (2013). Iron deficiency anemia in infancy and poorer cognitive inhibitory control at age 10 years. Developmental & Child Neurology, *55*(5):453-458.
216. Wagner JB<sup>+</sup>, Luyster RJ<sup>+</sup>, Yim JY, Tager-Flusberg H, & **Nelson CA** (2013). The role of early visual attention in social development. International Journal of Behavioral Development, *37*(2): 118-124.
217. **Nelson CA**, Westerlund A, McDermott J<sup>+</sup>, Zeanah CH, & Fox NA (2013). Emotion recognition following early psychosocial deprivation. Development and Psychopathology, *25*(2): 517-525.
218. Peykarjou S<sup>+</sup>, Westerlund A, Cassia VM, Kuefner D<sup>+</sup>, & **Nelson CA** (2013). The neural correlates of processing newborn and adult faces in 3-year-old children. Journal of Developmental Science, *16*(6): 905-914.
219. McDermott JM<sup>+</sup>, Troller-Renfree S, Vanderwert RE<sup>+</sup>, **Nelson CA**, Zeanah CH, & Fox NA (2013). Psychosocial deprivation, executive functions, and the emergence of socio-emotional behavior problems. Frontiers in Human Neuroscience, *7*:167.
220. Fox SE<sup>+</sup>, Wagner JB<sup>+</sup>, Shrock CL<sup>+</sup>, Tager-Flusberg H, & **Nelson CA** (2013). Neural processing of facial identity and emotion in infants at high risk of autism spectrum disorders. Frontiers in Human Neuroscience, *7*:89.
221. Jeste SS<sup>+</sup>, Hirsch S,<sup>+</sup> Vogel-Farley V, Norona A, Navalta MC, Gregas MC & **Nelson CA** (2013). Atypical face processing in children with Tuberous Sclerosis Complex. Journal of Child Neurology, *28*(12):1569-1576.
222. Keehn B<sup>+</sup>, Wagner J<sup>+</sup>, Tager-Flusberg H, & **Nelson CA** (2013). Functional connectivity in the first year of life in infants at-risk for autism: A preliminary near infrared spectroscopy study. Frontiers in Human Neuroscience, *7*:444.
223. Sheridan MA<sup>+</sup>, How J<sup>+</sup>, Araujo M, Schamberg MA, & **Nelson CA** (2013). What are the links between maternal social status, hippocampal function, and HPA axis function in children? Developmental Science, *16*(5): 665-675.
224. **Nelson CA** (2013). Biological Embedding of Early Life Adversity. JAMA Pediatrics, *167*(12): 1098-1100.

225. Windsor J, Moraru A, **Nelson** CA, Fox NA, & Zeanah CH (2013). Effect of foster care on language learning at eight years: Findings from the Bucharest Early Intervention Project. Journal of Child Language, *40*(3): 605-627.
226. Peters J, Taquet M, Vega C, Jeste SS<sup>+</sup>, Sanchez Fernandez I, Tan J, **Nelson** CA, Sahin M, & Warfield SK (2013). Brain functional networks in syndromic and non-syndromic autism: a graph theoretical study of EEG connectivity. BMC Medicine, *11*(54): 1-16.

## 2014

227. McLaughlin KA<sup>+</sup>, Sheridan MA<sup>+</sup>, Winter W, Fox NA, Zeanah CH, & **Nelson** CA (2014). Widespread reductions in cortical thickness following severe early-life deprivation: A neurodevelopmental pathway to Attention-Deficit/Hyperactivity Disorder. Biological Psychiatry, *76*(8): 629-638.
228. Norwood A<sup>+</sup>, Wagner JB<sup>+</sup>, Motley C, Hirch SB, Vogel-Farley VK, & **Nelson** CA (2014). Behavioral and electrophysiological indices of memory in typically developing and hypoxic-ischemic injured infants. Infancy, *19*(1): 28-52.
229. Levin A<sup>+</sup>, **Nelson** CA, Fox NA, & Zeanah CH (2014). Motor outcomes in children exposed to early psychosocial deprivation. Journal of Pediatrics, *164*(1): 123-129.
230. Vanderwert RE<sup>+</sup> & **Nelson** CA (2014). The use of near-infrared spectroscopy in the study of typical and atypical development. Neuroimage, *85* (1): 264-271.
231. Righi G<sup>+</sup>, Westerlund A, Congdon EL, Troller-Renfree S, & **Nelson** CA (2014). Infants' experience-dependent processing of male and female faces: Insights from eye tracking and event-related potentials. Developmental Cognitive Neuroscience, *8*: 144-152.
232. Gleason MM, Fox NA, Drury SS<sup>+</sup>, Smyke AT, **Nelson** CA, & Zeanah CH (2014). Indiscriminate behaviors in previously institutionalized young children. Pediatrics, *133*(3): e657-665.
233. Fox NA, Zeanah CH, & **Nelson** CA (2014). A matter of timing: Enhancing positive change for the developing brain. Journal of Zero to Three: National Center for Infants, Toddlers, and Families, *34* (3).
234. Khwaja OS, Ho ES, Barnes KV, O'Leary HM, Pereira L, Finkelstein Y, **Nelson** CA, Vogel-Farley V, DeGregorio G<sup>+</sup>, Holm IA, Khatwa U, Kapur K, Alexander ME, Finnegan DM, Cantwell NG, Walco AC, Rappaport LA, Gregas M, Fichorova RN, Shannon MW, Sur M, & Kaufmann WE (2014). Safety, pharmacokinetics, and preliminary assessment of efficacy of mecasermin (recombinant human-IGF1) for the treatment of Rett Syndrome. Proceedings of the National Academy of Sciences, *111* (12): 4596-4601.
235. Jeste SS<sup>+</sup>, Wu JY, Senturk D, Varcin K<sup>+</sup>, Ko J, McCarthy B, Shimizu C, Dies K, Vogel-Farley V, Sahin M, & **Nelson** CA (2014). Early developmental trajectories associated with ASD in infants with tuberous sclerosis complex. Neurology, *83*(2): 160-168.
236. **Nelson** CA (2014). Becoming Social-a commentary on Happé & Frith (2014). The Journal of Child Psychology and Psychiatry, *55* (6): 578-581.
237. Ahtola E, Stjerna S, Yrttihak S, **Nelson** CA, Leppanen J<sup>+</sup>, & Vanhatalo S (2014). Dynamic eye tracking based metrics for infant gaze patterns in the face-distractor competition paradigm. PLOS ONE, *9*(5): e97299.
238. Luyster RJ<sup>+</sup>, Powell C, Tager-Flusberg H, & **Nelson** CA (2014). Neural measures of social attention across the first years of life: Characterizing typical development and markers of autism risk. Developmental Cognitive Neuroscience, *8*, 131-143.
239. Righi G<sup>+</sup>, Tierney AL<sup>+</sup>, Tager-Flusberg H, & **Nelson** CA (2014). Functional connectivity in the first year of life in infants at risk for autism spectrum disorder: An EEG study. PLOS ONE, *9* (8): e105176.

240. Mai X, Xu L, Li M, Shao J, Zhao Z, Lamm C, Fox NA, **Nelson CA**, & Lozoff B (2014). Sounds elicit relative left frontal alpha activity in 2-month-old infants. International Journal of Psychophysiology, *94*: 287-291.
241. Perdue KL, Westerlund A, McCormick SA, & **Nelson CA** (2014). Extraction of heart rate from functional near-infrared spectroscopy in infants. Journal of Biomedical Optics, *19*(6): 067010.
242. Seery AM+, Tager-Flusberg H, & **Nelson CA** (2014). Event-related potentials to repeated speech in 9-month-old infants at risk for autism spectrum disorder. Journal of Neurodevelopmental Disorders, *6*, 43.
243. **Nelson CA**, Fox NA, & Zeanah CH (2014). Forgotten Children. What Romania can tell us about institutional care. Retrieved December 12, 2014, from [www.foreignaffairs.com](http://www.foreignaffairs.com).
244. Tibu F, Humphreys KL, Fox NA, **Nelson CA**, & Zeanah CH (2014). Psychopathology in young children in two types of foster care following institutional rearing. Infant Mental Health Journal, *35*, 123-131.
245. Chawarska K, Shic F, Macari S, Campbell DJ, Brian J, Landa R, Hutman T, **Nelson CA**, Ozonoff S, Tager-Flusberg H, Young GS, Zwaigenbaum L, Cohen IL, Charman T, Messinger DS, Klin A, Johnson S, & Bryson S (2014). 18-month predictors of later outcomes in younger siblings of children with autism spectrum disorder: a baby siblings research consortium study. Journal of the American Academy of Child and Adolescent Psychiatry, *53* (12): 1317-1327.

## 2015

246. Stein DS, Welchons LW, Corley KB, Dickinson H, Levin AR+, **Nelson CA**, & Stein MT (2015). Autism associated with early institutionalization, high intelligence, and naturalistic behavior therapy in a 7-year-old boy. Journal of developmental and behavioral pediatrics, *36* (1), 53-5.
247. Levin A+, Fox NA, Zeanah CH, & **Nelson CA** (2015). Social communication difficulties and autism in previously institutionalized children. Journal of the American Academy of Child and Adolescent Psychiatry, *54* (2): 108-115.
248. **Nelson CA** (2015). Commentary: Developmental origins of Autism and ADHD—a commentary on Johnson et al. Journal of Child Psychology and Psychiatry, *56* (3): 248-250.
249. Webb SJ+, Bernier R, Henderson H, Johnson M, Jones E, Lerner M, McPartland J, **Nelson CA**, Rojas D, Townsend J, & Westerfield M (2015). Guidelines and best practices for electrophysiological data collection, analysis and reporting in autism. Journal of Autism and Developmental Disorders, *45* (2): 425-443.
250. Gabard-Durnam L+, Tierney AL+, Vogel-Farley V, Tager-Flusberg H, & **Nelson CA** (2015). Alpha asymmetry in infants at risk for autism spectrum disorders. Journal of Autism and Developmental Disorders, *45*(2): 473-480.
251. Bick J+, Zhu T, Stamoulis C, Fox NA, Zeanah CH, & **Nelson CA** (2015). Effect of early institutionalization and foster care on long-term white matter development: A randomized clinical trial. JAMA Pediatrics, *169* (3): 211-219.
252. Brett Z, Sheridan MA+, Humphreys KL, Smyke AT, Gleason MG, McGoron L, Miron D, Fox NA, Zeanah CH, **Nelson CA**, & Drury SS\* (2015). A neurogenetics approach to defining differential susceptibility to institutional care. International Journal of Developmental Biology, *39* (2): 150-160.
253. Stamoulis C, Vogel-Farley V, Degregorio G+, Jeste SS+, & **Nelson CA** (2015). Resting and task modulated high-frequency brain measured by scalp encephalograms in infants with tuberous sclerosis complex. Journal of Autism and Developmental Disorders, *45*(2): 336-353.

254. Moulson MC<sup>+</sup>, Shutts K<sup>+</sup>, Fox NA, Zeanah CH, Spelke ES, & **Nelson** CA (2015). Effects of early institutionalization on the development of emotion processing: A case for relative sparing? Developmental Science, *18* (2): 298-313.
255. Talbott MR, **Nelson** CA, & Tager-Flusberg H (2015). Diary reports of concerns in mothers of infant siblings of children with autism across the first year of life. Journal of Autism and Developmental Disorders, *45*(7), 2187-2199.
256. Almas AN, Degnan KA, Walker OL, Radulescu A, **Nelson** CA, Zeanah CH, & Fox NA (2015). The effects of early institutionalization and foster care intervention on children's social behaviors at age 8. Social Development, *24*(2): 225-239.
257. McLaughlin KA<sup>+</sup>, Sheridan M<sup>+</sup>, Tibu F, Fox NA, Zeanah CH, & **Nelson** CA (2015). Causal effects of the early caregiving environment on development of stress response systems in children. Proceedings of the National Academy of Sciences, *112* (8), 5637-5642.
258. Jabés A<sup>+</sup>\* & **Nelson** CA (2015). 20 years after "The Ontogeny of Human Memory: A Cognitive Neuroscience Perspective". Where are we? International Journal of Behavioral Development, *39* (4), 293-303.
259. Keehn B<sup>+</sup>, Vogel-Farley V, Tager-Flusberg H, & **Nelson** CA (2015). Atypical hemispheric specialization for faces in infants at-risk for autism spectrum disorder. Autism Research, *8*(2): 187-98.
260. Humphreys KL, Gleason MM, Drury SS, Miron D, **Nelson** CA, Fox NA, & Zeanah CH (2015). Effects of early deprivation on psychopathology at age 12 years: Follow-up of a randomized controlled trial. The Lancet Psychiatry, *2* (7), 625-634.
261. Levin A<sup>+</sup> & **Nelson** CA (2015). Inhibition-Based Biomarkers for Autism Spectrum Disorder. Neurotherapeutics, *12* (3): 546-52.
262. Humphreys KL, Zeanah CH, **Nelson** CA, Fox NA, & Drury, SS (2015). Serotonin transporter genotype (5HTTLPR) moderates the longitudinal impact of atypical attachment on externalizing behavior. Journal of Developmental and Behavioral Pediatrics, *36*(6): 409-16.
263. Brett Z.H., Humphreys, K.L., Smyke, A., Gleason, M.M., Nelson, C.A., Zeanah, C.H., Fox, N.A., & Drury, S.S. (2015). Serotonin transporter linked polymorphic region (5-HTTLPR) genotype moderates the longitudinal impact of early caregiving on externalizing behavior. Development and Psychopathology, *27*(1):7-18.
264. Berens A<sup>+</sup> & **Nelson** CA (2015). The science of early adversity: Is there a role for large institutions in the care of vulnerable children? The Lancet, *386* (9991), 388-398.
265. **Nelson** CA (2015). An international approach to research on brain development. Trends in Cognitive Sciences, *19*, 424-426.
266. Bick J<sup>+</sup> & **Nelson** CA (2015). Early adverse experiences: what does the latest brain research tell us? Early Childhood Matters, *124*, 10-13.
267. **Nelson** CA, Varcin KJ<sup>+</sup>, Coman NK<sup>+</sup>, DeVivo I, & Tager-Flusberg H (2015). Shortened Telomeres in Families with a Propensity to Autism. Journal of the American Academy of Child and Adolescent Psychiatry, *54* (7): 588-94.
268. Messinger DS, Young GS, Webb SJ, Ozonoff S, Bryson SE, Carter A, Carver L, Charman T, Chawarska K, Curtin S, Dobkins K, Hertz-Picciotto I, Hutman T, Iverson JM, Landa R, **Nelson** CA, Stone WL, Tager-Flusberg H, & Zwaigenbaum L (2015). Early sex differences are not autism-specific: A baby siblings research consortium study. Molecular Autism, *6*, 32.
269. Troller-Renfree S, McDermott JM, **Nelson** CA, Zeanah CH, & Fox NA (2015). The effects of early foster care intervention on attention biases in previously institutionalized children in Romania. Developmental Science, *18*(5): 713-22.

270. Ravicz MM<sup>+</sup>, Perdue K<sup>+</sup>, Westerlund A, Vanderwert RE<sup>+</sup>, & **Nelson** CA (2015). Infants' neural responses to facial emotion in prefrontal cortex are correlated with temperament: A functional near-infrared spectroscopy study. Frontiers in Psychology, *6*: 922.
271. Jabes A<sup>+</sup>, Thomas KM, Langworthy S, Georgieff MK, & **Nelson** CA (2015). Functional and anatomic consequences of diabetic pregnancy on memory in ten-year-old children. Journal of Developmental Behavioral Pediatrics, *36* (7): 529-35.
272. Vanderwert RE<sup>+</sup>, Westerlund A, Montoya L, McCormick SA, Miguel, HO, & **Nelson** CA (2015). Looking to the eyes influences the processing of emotion on face-sensitive event-related potentials in 7-month-old infants. Developmental Neurobiology, *75*(10): 1154-63.
273. Chita-Tegmark M, Arunachalam S, **Nelson** CA, & Tager-Flusberg H (2015). Eye-tracking measurements of language processing: Developmental differences in children at high risk for ASD. Journal of Autism and Developmental Disorders, *45* (10): 3327-38.
274. Stamoulis C, Vanderwert R<sup>+</sup>, Zeanah CH, Fox NA, & **Nelson** CA (2015). Early psychosocial neglect adversely impacts developmental trajectories of brain oscillations and their interactions. Journal of Cognitive Neuroscience, *27* (12): 2512-28.
275. Humphreys KL, McGoron L, Sheridan MA, McLaughlin KA, Fox NA, **Nelson** CA, & Zeanah CH (2015). High quality foster care mitigates callous-unemotional traits following early deprivation in boys: A randomized controlled trial. Journal of the American Academy of Child and Adolescent Psychiatry, *54*(12):977-83.
276. Hung GC, Hahn J, Alamiri B, Buka SL, Goldstein JM, Laird N, **Nelson** CA, Smoller JW, & Gilman SE (2015). Socioeconomic disadvantage and neural development from infancy through early childhood. International Journal of Epidemiology, *44*(6): 1889-99.
277. LeBlanc J<sup>+</sup>, DeGregorio G<sup>+</sup>, Centofante E, Vogel-Farley V, Barnes K, Kaufmann WE, Fagiolini M, & Nelson CA (2015). Visual evoked potentials detect cortical processing deficits in Rett syndrome. Annals of Neurology, *78* (5): 775-86.
278. **Nelson** CA, Varcin KJ, Coman NK, DeVivo I, Tager-Flusberg H (2015). Accelerated telomere shortening in families with a propensity to autism. Journal of the American Academy of Child and Adolescent Psychiatry, *54*: 588-594.

## 2016

279. Vanderwert R<sup>+</sup>, Fox NA, Nelson CA, & Zeanah CH (2016). Normalization of EEG activity among previously institutionalized children placed into foster care: A 12-year follow-up of the Bucharest Early Intervention Project. Developmental Cognitive Neuroscience, *17*: 68-75.
280. Dunn EC, Busso DS, Raffeld MR, Smoller JW, **Nelson** CA, Doyle AE, & Luk G (2016). Does developmental timing of exposure to child maltreatment predict memory performance in adulthood? Results from a large, population-based sample. Child Abuse & Neglect, *51*: 181-191.
281. Bick J<sup>+</sup> & **Nelson** CA (2016). Early adverse experiences and the developing brain. Neuropsychopharmacology Reviews, *41*(1): 177-96.
282. Tibu, F, Sheridan, MA<sup>+</sup>, McLaughlin KA, **Nelson** CA, Fox NA, & Zeanah CH (2016). Disruptions of working memory and inhibition mediate the associate between exposure to institutionalization and symptoms of Attention-Deficit/Hyperactivity Disorder. Psychological Medicine, *46*(3): 529-41.
283. Varcin K<sup>+</sup>, **Nelson** CA, Ko J, Sahin M, Wu JY, & Jeste SS<sup>+</sup> (2016). Visual evoked potentials as a readout of cortical function in infants with Tuberous Sclerosis Complex. Journal of Child Neurology, *31*(2): 195-202.
284. Varcin K<sup>+</sup> & **Nelson** CA (2016). A Developmental Neuroscience Approach to the Search for Biomarkers in Autism Spectrum Disorder. Current Opinion in Neurology, *29*(2): 123-9.

285. Talbott MR, **Nelson** CA & Tager-Flusberg H (2016). Maternal Vocal Feedback to 9-Month-Old Infant Siblings of Children with ASD. Autism Research, 9: 460–470.
286. Porto JA, Nunes ML, **Nelson** CA (2016). Behavioral and neural correlates of emotional development: typically developing infants and infants of depressed and/or anxious mothers. Jornal de Pediatria, 92: 14-22.
287. Charman T, Brian J, Carter A, Carver LJ, Chawarska K, Curtin S, Dobkins K, Elsabbagh M, Gergiadis S, Hertz-Picciotto I, Hutman T, Iverson JM, Jones EJ, Landa R, Macari S, Messinger DS, **Nelson** CA, Ozonoff S, Saulnier C, Stone WL, Tager-Flusberg H, Webb SJ, Yirmiya N, Young GS, & Zwaigenbaum L (2016). Non-ASD outcomes at 36 months in siblings at familial risk for Autism Spectrum Disorder (ASD): A Baby Siblings Research Consortium (BSRC) study. Autism Research, 10: 169-178.
288. LeBlanc J<sup>+</sup> & **Nelson** CA (2016). Deletion and duplication of 16p11.2 are associated with opposing effects on visual evoked potential amplitude. Molecular Autism, 7: 30.
289. Messinger DS, Young GS, Webb S J, Ozonoff S, Bryson SE, Carter A, Carver L, Charman T, Chawarska K, Curtin S, Dobkins K, Hertz-Picciotto I, Hutman T, Iverson JM, Landa R, **Nelson** CA, Stone WL, Tager-Flusberg H & Zwaigenbaum L (2016). Commentary: sex difference differences? A reply to Constantino. Molecular Autism, 7: 31.
290. Lazenby D, Sideridis G, Huntington N, Prante M, Dale PS, Curtin S, Henkel L, Iverson J, Carver L, Dobkins K, Askshoomoff N, Tagavi D, **Nelson** C III, & Tager-Flusberg H (2016). Language differences at 12 months in infants who develop Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 46(3): 899-909.
291. Non AL, Hollister BM, Humphreys KL, Childebayeva A, Esteves K, Zeanah CH, Fox NA, **Nelson** CA, Drury SS (2016). DNA methylation at stress-related genes is associated with exposure to early life institutionalization. American Journal of Physical Anthropology, 161 (1), 84-93.
292. Wagner JB, Luyster R<sup>+</sup>, Tager-Flusberg H, & **Nelson** CA (2016). Greater pupil size in response to emotional faces as an early marker of social-communicative difficulties in infants at high risk for autism. Infancy, 21(5): 560-581.
293. Troller-Renfree S, **Nelson** CA, Zeanah CH, & Fox NA (2016). Deficits in error monitoring are associated with externalizing but not internalizing behaviors among children with a history of institutionalization. The Journal of Child Psychology and Psychiatry, 57(10): 1145-53.
294. Jeste SS, Varcin KJ, Hellemann GS, Gulsrud AC, Bhatt R, Kasari C, Wu JY, Sahin M, **Nelson** CA (2016). Symptom profiles of autism spectrum disorder in tuberous sclerosis complex. Neurology, 87(8): 766-72.
295. Humphreys K, Esteves K, Zeanah CH, Fox NA, & **Nelson** CA (2016). Accelerated telomere shortening: Tracking the lasting impact of early institutional care at the cellular level. Psychiatry Research, 246: 95-100.
296. Almas AN, Degnan KA, **Nelson** CA, & Zeanah CH (2016). IQ at age 12 following a history of institutional care: Findings from the Bucharest Early Intervention Project. Developmental Psychology, 52(11):1858-1866.
297. Bick, J<sup>+</sup>, & **Nelson**, CA (2016). Early experience and brain development. WIREs Cogn Sci, 8e1387, doi: 10.1002/wcs.1387.
298. Tibu F, Sheridan MA<sup>+</sup>, McLaughlin KA, **Nelson** CA, Fox NA, & Zeanah CH (2016). Reduced working memory mediates the link between early institutional rearing and symptoms of ADHD at 12 Years. Frontiers in Psychology, 7(1850): 1-9.
299. **Nelson** CA (2016). Introduction to special issue on The Role of Connectivity in Developmental Disorders: Genetic and Neural Network Approaches. Developmental Science, 19(4) 523.

## 2017

300. Troller-Renfree S, McLaughlin KA, Sheriden MA<sup>+</sup>, **Nelson** CA, Zeanah CH, Fox NA (2017). The beneficial effects of a positive attention bias amongst children with a history of psychosocial deprivation. *Biological Psychology*, *122*: 110-120.
301. Bick J<sup>+</sup>, Fox NA, Zeanah CH, & **Nelson** CA (2017). Early deprivation, atypical brain development, and internalizing symptoms in late childhood. *Neuroscience*, *342*, 140-153.
302. Tarullo A, Obradovic J, Keehn B, Rasheed M, Siyal S, **Nelson** CA, & Yousafzai A (2017). Gamma power in rural Pakistani children: Links to executive function and verbal ability. *Developmental Cognitive Neuroscience*, *26*: 1-8.
303. Zeanah CH, Humphreys K, Fox NA, & **Nelson** CA (2017). Alternatives for abandoned children: Insights from the Bucharest Early Intervention Project. *Current Opinion in Psychology*, *15*: 182-188.
304. Chenausky KV, **Nelson** CA, & Tager-Flusberg, HB (2017). Vocalization Rate and Consonant Development in Toddlers at High and Low Risk for Autism. *Journal of Speech, Language, and Hearing Research*, *60*: 865-876.
305. Kutlesic V, Brewinski Isaacs M, Freund L, Hazra R, Raiten D, Bhutta Z, Guerrant R, **Nelson** CA, Suchdev P, Boivin M, Forsyth B, Georgieff M, Vohr B, Poggi Davis E, Wanke C, Krebs N, Lozoff B, John C, Black M, Galler J, Koethe J, & Yolken R (2017). Research gaps at the intersection of pediatric neurodevelopment, nutrition & inflammation in LRS. *Pediatrics*, *139*(s1): 1-11.
306. Montoya L, Westerlund A, Troller-Renfree S, Righi G, & **Nelson** CA (2017). The effect of heterogeneous race exposure during infancy. *Cognitive Development*, *42*: 74-83.
307. Perdue KL<sup>+</sup>, Edwards LA<sup>+</sup>, Tager-Flusberg H, & **Nelson** CA (2017). Differing developmental trajectories in heart rate responses to speech stimuli in infants at high and low risk for autism spectrum disorder. *Journal of Autism and Developmental Disorders*, *47*(8): 2434-2442.
308. Berens A<sup>+</sup>, Jensen S<sup>+</sup>, & **Nelson** CA (2017). Biological embedding of early adversity: From physiological mechanisms to clinical implications. *BMC Medicine*, *15*(135): 1-12.
309. Bhutta ZA, Guerrant RL, & **Nelson** CA (2017). Neurodevelopment, Nutrition, and Inflammation: The Evolving Global Child Health Landscape. *Pediatrics*, *139*(s1): 12-22.
310. John CC, Black MM, & **Nelson** CA (2017). Neurodevelopment: The Impact of Nutrition and Inflammation during Early to Middle Childhood in Low-Resource Settings. *Pediatrics*, *139*(s1): 59-71.
311. Suchdev PS, Boivin MJ, Forsyth BW, Georgieff MK, Guerrant RL, & **Nelson** CA (2017). Assessment of Neurodevelopment, Nutrition, and Inflammation from Fetal Life to Adolescence in Low-Resource Settings. *Pediatrics*, *139*(s1): 23-37.
312. McLaughlin K<sup>+</sup>, Sheridan MA<sup>+</sup>, & **Nelson** CA (2017). Neglect as a violation of species-expectant experience: Neurodevelopmental consequences. *Biological Psychiatry*, *82*(7): 462-471.
313. Troller-Renfree S, Zeanah CH, **Nelson** CA, & Fox NA (2017). Neural and cognitive factors influencing the emergence of psychopathology: Insights from the Bucharest Early Intervention Project. *Child Development Perspectives*, *12*(1): 28-33.
314. Bick, J<sup>+</sup>, Zeanah CH, Fox NA, & **Nelson** CA (2017). Memory and executive functioning in 12-Year-Old children with histories of institutional rearing. *Child Development*, *89*(2): 495-508.
315. Edwards LA, Wagner JB, Tager-Flusberg H, & **Nelson** CA (2017). Differences in Neural Correlates of Speech Perception in 3 Month Olds at High and Low Risk for Autism Spectrum Disorder. *Journal of Autism and Developmental Disorders*, *47*(10): 3125-3138.
316. Jensen S<sup>+</sup>, Berens A<sup>+</sup>, & **Nelson** CA (2017). Effects of poverty on interacting biological systems underlying child development. *The Lancet Child and Adolescent Health*, *1*(3), 225-239.

317. **Nelson** CA (2017). Hazards to Early Development: The Biological Embedding of Early Life Adversity. Neuron NeuroView, *96*, 262-266.
318. Levin A, Varcin K, O'Leary H, Tager-Flusberg H, & **Nelson** CA (2017). EEG power at 3 months in infants at high familial risk for autism. Journal of Neurodevelopmental Disorders, *9*(34), 1-13.
319. Jiang N, Ma J, Haque R, Kirkpatrick B, **Nelson** CA, & Petri W (2017). Early life inflammation and neurodevelopmental outcome in Bangladeshi infants growing up in adversity. American Journal of Tropical Medicine & Hygiene, *97*(3): 974-979.
320. Stamoulis C, Vanderwert R, Zeanah CH, Fox NA, & **Nelson** CA (2017). Neuronal networks in the developing brain are adversely modulated by early psychosocial neglect. Journal of Neurophysiology, *118*(4): 2275-2288.
321. Young A, Luyster RJ, Fox NA, Zeanah CH, & **Nelson** CA (2017). The effects of early institutionalization on emotional face processing: Evidence for sparing via an experience-dependent mechanism. British Journal of Developmental Psychology, *35*(3): 439-453.
322. Humphreys KL, **Nelson** CA, Fox N. A., & Zeanah C H (2017). Signs of reactive attachment disorder and disinhibited social engagement disorder at age 12 years: Effects of institutional care history and high-quality foster care. Development and Psychopathology, *29*(2): 675-684.
323. Finch KH, Seery A, Talbott MR, **Nelson** CA, & Tager-Flusberg H (2017). Lateralization of ERPs to speech stimuli and handedness in the early development of Autism Spectrum Disorder. Journal of Neurodevelopmental Disorders, *9*(1): 4.
324. McDonald NM, Varcin KJ, Bhatt R, Wu JY, Sahin M, **Nelson** CA, & Jeste SS (2017). Early autism symptoms in infants with tuberous sclerosis complex. Autism Research, *10*(12): 1981-1990.
325. Clarkson T, LeBlanc J<sup>+</sup>, DeGregorio G, Vogel-Farley V, Barnes K, Kaufmann WE, & **Nelson** CA (2017). Adapting the Mullen Scales of Early Learning for a Standardized Measure of Development in Children with Rett Syndrome. Intellectual and Developmental Disabilities, *55*(6): 419-431.
326. Naheed A, Koly KN, Uddin H, Uddin J, Akhter S, Smith MK, Mazhar SC, Mannan, Hossain SW, **Nelson** CA, & Munir K (2017). Implementing a Mental Health Care Program and Home-based Training for Mothers of Children with Autism Spectrum Disorder in an urban population in Bangladesh: Protocol for a feasibility assessment study. Journal of Medical Internet Research, *6*(12): e251.
327. Fox NA, **Nelson** CA, & Zeanah CH (2017). The Effects of Psychosocial Deprivation on Attachment: Lessons from the Bucharest Early Intervention Project. Psychodynamic Psychiatry, *45*(4): 441-450.
328. Bick J, Luyster R, Fox NA, Zeanah CH, & **Nelson** CA (2017). Effects of early institutionalization on emotion processing in 12-year-old youth. Development and Psychopathology, *29*(5): 1749-1761.

## 2018

329. Wagner J, Luyster R, Moustapha H, Tager-Flusberg H, & **Nelson** CA (2018). Differential Attention to Faces in Infant Siblings of Children with Autism Spectrum Disorder and Associations with Later Social and Language Ability. International Journal of Behavioral Development, *42*(1): 83-92.
330. Behrendt H<sup>+</sup>, Firk C, **Nelson** CA, & Perdue K<sup>+</sup> (2018). Motion correction for infant functional near-infrared spectroscopy with an application to live interaction data. Neurophotonics, *5*(1): 015004-1- 015004-16.
331. O'Leary H, Kaufmann W, Barnes K, Rakesh K, Kapur K, Tarquinio D, Cantwell N, Roche K, Rose S, Walco A, Bruck N, Bazin G, Holm I, Alexander M, Swanson L, Baczewski L, Torres J,

- Nelson** CA, & Sahin, M. (2018). Placebo Controlled Crossover Efficacy Assessment of Mecasermin for the Treatment of Rett Syndrome. Annals of Clinical and Translational Neurology, 5(3): 323-332.
332. Zeanah CH, Fox NA, & **Nelson** CA (2018). Recovery from severe deprivation: The Bucharest Early Intervention Project. Zero to Three Journal, 38(4): 60-62.
333. Boin Choi A<sup>+</sup>, Leech KA, Tager-Flusberg H, & **Nelson** CA (2018). Development of fine motor skills is associated with expressive language outcomes in infants at high and low risk for autism spectrum disorder. Journal of Neurodevelopmental Disorders, 10(14).
334. Finch KH, Tager-Flusberg H, & **Nelson** CA (2018). Neural responses to linguistic stimuli in children with and without autism spectrum disorder. European Journal of Neuroscience, 47(6): 709-719.
335. Guyon-Harris KL, Humphreys KL, Fox NA, **Nelson** CA, & Zeanah CH (2018). Course of Disinhibited Social Engagement Disorder from Early Childhood to Early Adolescence. Journal of the American Academy of Child and Adolescent Psychiatry, 57(5): 329-335.
336. Leppanen JM, Cataldo JK, Bosquet Enlow M, & **Nelson** CA (2018). Early development of attention to threat-related facial expressions. PLOS ONE, 13(5): e0197424.
337. Sheridan MA, McLaughlin KA<sup>+</sup>, Winter W, Fox NA, Zeanah CH, & **Nelson** CA (2018). Early deprivation disruption of associative learning is a developmental pathway to depression and social problems. Nature Communications, 9(1): 2216.
338. Donowitz JR, Cook H, Alam M, Kabir M, Colgate ER, Carmolli MP, Kirkpatrick BD, **Nelson** CA, Ma JZ, Haque R, & Petri WA (2018). Role of Maternal Health and Inflammation in Infancy in Nutritional and Neurodevelopmental Outcomes of Two-Year-Old Bangladeshi Children. PLOS Neglected Tropical Diseases, 12(5): e0006363.
339. Humphreys K, Miron D, McLaughlin K, Sheridan M, **Nelson** CA, Fox NA, & Zeanah CH (2018). Foster care promotes adaptive functioning in early adolescence among children who experienced severe, early deprivation. Journal of Child Psychology and Psychiatry, 59(7): 811-821.
340. Lamm C, Troller-Renfree S, Zeanah CH, **Nelson** CA, & Fox NA (2018). Impact of early institutionalization on attention mechanisms underlying the inhibition of a planned action. Neuropsychologia, 117: 339-346.
341. **Nelson** CA (2018). Invited Commentary: The hazards of out-of-home care for children experiencing maltreatment. Lancet Child and Adolescent Health, 2(9): 623-624.
342. Bosl WJ, Tager-Flusberg H, & **Nelson** CA (2018). EEG analytics for early detection of autism spectrum disorder: A data-driven approach. Scientific Reports, 8(1):6828.
343. Alamiri B, **Nelson** CA, Fitzmaurice GM, Murphy JM, & Gilman SE (2018). Neurological Soft Signs and Cognitive Performance in Early Childhood. Developmental Psychology, 54(11): 2043-2052.
344. Wade M<sup>+</sup>, Fox NA, Zeanah CH, & **Nelson** CA (2018). Effect of foster care intervention on trajectories of general and specific psychopathology among children with histories of institutional rearing: A randomized clinical trial. JAMA Psychiatry, 75(11): 1137-1145.
345. Johnson D, Tang A, Almas A, Degnan KA, McLaughlin K<sup>+</sup>, **Nelson** CA, Fox NA, Zeanah CH, & Drury SS (2018). Caregiving Disruptions Affect Growth and Pubertal Development in Early Adolescence in Institutionalized and Fostered Romanian Children: A Randomized Clinical Trial. The Journal of Pediatrics, 203: 345-353.
346. Bayet L<sup>+</sup>, Behrendt H<sup>+</sup>, Cataldo J, Westerlund A, & **Nelson** CA (2018). Recognition of facial emotions of varying intensities by three-year-olds. Developmental Psychology, 54(12): 2240-2247.
347. Tang A, Slopen N, **Nelson** CA, Zeanah CH, Georgieff MK, & Fox NA (2018). Catch-up growth, metabolic and cardiovascular risk among post-institutionalized Romanian adolescents. Pediatric Research, 84(6): 842-848.

## 2019

348. Guyon-Harris KL, Humphreys KL, Fox NA, **Nelson** CA, & Zeanah CH (2019). Signs of attachment disorders and social functioning among early adolescents with a history of institutional care. Child Abuse & Neglect, 88: 96-106.
349. **Nelson** CA, Zeanah CH, & Fox NA (2019). How Early Experience Shapes Human Development: The Case of Psychosocial Deprivation. Neural Plasticity, Volume 2019.
350. Iverson JM, Shic F, Wall CA, Chawarska K, Curtin S, Estes A, Gardner JM, Hutman T, Landa RJ, Levin AR, Libertus K, Messinger DS, **Nelson** CA, Ozonoff S, Sacrey LR, Sheperd K, Stone WL, Tager-Flusberg HB, Wolff JJ, Yirmiya N, Young GS (2019). Early motor abilities in infants at heightened vs. low risk for ASD: A Baby Siblings Research Consortium (BSRC) study. Journal of Abnormal Psychology, 128(1): 69-80.
351. Wade M<sup>+</sup>, Fox NA, Zeanah CH, & **Nelson** CA (2019). Long-term effects of institutional rearing, foster care, and brain activity on memory and executive functioning. Proceedings of the National Academy of Sciences, 116(5): 1808-1813.
352. Jensen SKG<sup>+</sup>, Kumar S, Xie W<sup>+</sup>, Tofail F, Haque R, Petri WA, & **Nelson** CA (2019). Neural correlates of early adversity among Bangladeshi infants. Scientific Reports, 9(1): 3507.
353. Jensen SKG<sup>+</sup>, Tofail F, Haque R, Petri WA, & **Nelson** CA (2019). Child development in the context of biological and psychosocial hazards among poor families in Bangladesh. PLOS ONE, 14(5): e0215304.
354. Iverson JM, Shic F, Wall CA, Chawarska K, Curtin S, Estes A, Gardner JM, Hutman T, Landa RJ, Levin AR, Libertus K, Messinger DS, **Nelson** CA, Ozonoff S, Sacrey LR, Sheperd K, Stone WL, Tager-Flusberg HB, Wolff JJ, Yirmiya N, Young GS (2019). Early motor abilities in infants at heightened vs. low risk for ASD: A Baby Siblings Research Consortium (BSRC) study. Journal of Abnormal Psychology, 128(1): 69-80.
355. Jeste SS<sup>+</sup>, & **Nelson** CA. Inaugural annual special section of the intellectual and developmental disabilities research centers: developmental cognitive neuroscience and neurodevelopmental disorders. Journal of Neurodevelopmental Disorders, 10(1): 36.
356. Xie W<sup>+</sup>, McCormick SA, Westerlund A, Bowman LC<sup>+</sup>, **Nelson** CA (2019). Neural Correlates of Facial Emotion Processing in Infancy. Developmental Science, 22(3): e12758.
357. Kopetz C, Woerner J, MacPherson L, Lejuez CW, **Nelson** CA, Zeanah CH, & Fox NA (2019). Early psychosocial deprivation and adolescent risk-taking: The role of motivation and executive control. Journal of Experimental Psychology: General, 148(2): 388-399.
358. Guyon-Harris KL, Humphreys KL, Degnan K, Fox N, **Nelson** CA, & Zeanah CH (2019). A prospective longitudinal study of reactive attachment disorder following early institutional care: considering variable- and person-centered approaches. Attachment & Human Development, 21(2): 95-110.
359. Luyster R, Bick J<sup>+</sup>, Westerlund A, & **Nelson** CA (2019). Testing the effects of expression, intensity and age on emotional face processing in ASD. Neuropsychologia, 126: 128-137.

## Epub Ahead Of Print

360. Almas AN, Woodbury MR, Papp LJ, **Nelson** CA, Zeanah CH, & Fox NA (2018, Epub ahead of print). The Impact of Caregiving Disruptions Experienced by Previously Institutionalized Children on Multiple Outcomes in Late Childhood. Child Development.
361. Pierce L<sup>+</sup>, Thompson BL, Gharib A, Schlueter L, Reilly E, Valdes V, Roberts S, Conroy K, Levitt P, & **Nelson** CA (2019, Epub ahead of print). Association of Perceived Maternal Stress

During the Perinatal Period With Electroencephalography Patterns in 2-Month-Old Infants .  
JAMA Pediatrics.

362. Boin Choi A<sup>+</sup>, Shah P, Rowe M, **Nelson CA**, & Tager-Flusberg H (2019, Epub ahead of print). Gesture Development, Caregiver Responsiveness, and Language and Diagnostic Outcomes in Infants at High and Low Risk for Autism. Journal of Autism and Developmental Disorders.
363. Perdue K<sup>+</sup>, Jensen S<sup>+</sup>, Kumar S, Fox S, Elwell C, & **Nelson CA** (2019, Epub ahead of print). Using functional near-infrared spectroscopy to assess social information processing in poor urban Bangladeshi infants and toddlers. Developmental Science.
364. Turesky T, Jensen SKG<sup>+</sup>, Yu X, Kumar S, Wang Y, Silva DD, Gagoski B, Sanfilippo J, Zollei L, Boyd E, Haque R, Hafiz Kakon S, Islam N, Petri WA, **Nelson CA**, & Gaab N (2019, Epub ahead of print). The relationship between biological and psychosocial risk factors and resting-state functional connectivity in 2-month-old Bangladeshi infants. Developmental Science.
365. Kadlaskar G, Keehn B<sup>+</sup>, Seidl A, Tager-Flusberg H, & **Nelson CA** (2019, Epub ahead of print). Atypical Response to Caregiver Touch in Infants at High-Risk for Autism Spectrum Disorder. Journal of Autism and Developmental Disorders.
366. Slopen N, Tang A, **Nelson CA**, Zeanah CZ, McDade T, McLaughlin KA<sup>+</sup>, & Fox NA (2019, Epub ahead of print). The consequences of foster care versus institutional care in early childhood on adolescent cardiometabolic and immune markers: Results from a randomized controlled trial. Psychosomatic Medicine.
367. Wade M<sup>+</sup>, Fox NA, Zeanah CH, **Nelson CA**, & Drury SS (2019, Epub ahead of print). Telomere Length and Psychopathology: Specificity and Direction of Effects within the Bucharest Early Intervention Project. Journal of the American Academy of Child and Adolescent Psychiatry.
368. Shephard E, Fatori D, Rezende L, de Medeiros Filho MV, Hoetzter MQ, Chiesa AM, Fraccolli LA, Brentani HA, Ferraro AA, **Nelson CA**, Miguel EC, & Polanczyk GV (2019, Epub ahead of print). Effects of maternal psychopathology and education level on neurocognitive development in infants of adolescent mothers living in poverty in Brazil. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging.
369. Debnath R, Tang A, Zeanah CH, **Nelson CA**, & Fox NA (2019, Epub ahead of print). Long-term effects of institutional rearing, foster care intervention and disruptions in care on brain electrical activity in adolescence. Developmental Science.
370. Miguel HO, McCormick SA, Westerlund A, & **Nelson CA** (2019, Epub ahead of print). Rapid face processing for positive and negative emotions in 5-, 7-, and 12-month-old infants: An exploratory study. British Journal of Developmental Psychology.

### **In Press**

1. Talbott MR, **Nelson CA**, & Tager-Flusberg H (in press). Spontaneous Maternal Prompting Strategies for Eliciting Social Communication in 12-month-old Infant Siblings of Children with ASD. Journal of Autism and Developmental Disorders.
2. Wagner J<sup>+</sup>, Keehn B<sup>+</sup>, Tager-Flusberg H, & **Nelson CA** (in press). Attentional Bias to Fearful Faces in Infants at High Risk for Autism Spectrum Disorder. Emotion.
3. Wade M<sup>+</sup>, Fox NA, Zeanah CH, & **Nelson CA** (in press). Long-term effects of institutional rearing on memory and executive functioning: The role of foster care and relation to brain activity. Proceedings of the National Academy of Sciences.

4. Guyon-Harris K, Humphreys KL, Miron D, Gleason MM, **Nelson** CA, Fox NA, & Zeanah CH (in press). Disinhibited social engagement disorder in early childhood and competence in early adolescence. Journal of Abnormal Child Psychology.
5. Miguel H, McCormick SA, Westerlund A, & **Nelson** CA. The processing of positive and negative facial expressions in 5-, 7- and 12-month old infants. British Journal of Developmental Psychology.
6. Wilkinson C<sup>+</sup>, Levin AR<sup>+</sup>, Gabard-Durnam LJ<sup>+</sup>, Tager-Flusberg H, & **Nelson** CA (in press). Reduced Frontal Gamma Power at 24 Months Is Associated with Better Expressive Language in Toddlers at Risk for Autism. Autism Research.
7. Behrendt HF<sup>+</sup>, Wade M<sup>+</sup>, Bayet L<sup>+</sup>, **Nelson** CA, & Bosquet Enlow M (in press). Pathways to social-emotional functioning in the preschool period: The role of child temperament and maternal anxiety in boys and girls. Development and Psychopathology.
8. Berens A<sup>+</sup>, Kumar S, Tofail F, Jensen S<sup>+</sup>, Alam M, Haque R, Kakon SH, Petri WA, & **Nelson** CA (in press). Cumulative psychosocial risk and early child development: validation and use of the Childhood Psychosocial Adversity Scale in global health research. Pediatric Research.
9. Mukerji C<sup>+</sup>, Lincoln SH, Dodell-Feder D, **Nelson** CA, & Hooker C (in press). Neural correlates of theory-of-mind are associated with variation in children's everyday social cognition. Social Cognitive and Affective Neuroscience.
10. Artoni P, Piffer A, Vinci V, LeBlanc J<sup>+</sup>, **Nelson** CA, Hensch T, & Fagiolini M (in press). Deep learning of spontaneous arousal fluctuations detects early cholinergic defects across neurodevelopmental mouse models and patients. PNAS.

## **JOURNAL ARTICLES UNDER REVIEW**

---

1. Porto J, Perdue K<sup>+</sup>, Bick J<sup>+</sup>, & **Nelson** CA. The influence of maternal anxiety on 5-month-old infants' hemodynamic brain responses to emotional faces – a fNIRS study. Infant Behavior and Development.
2. Valdes V<sup>+</sup>, Berens AE<sup>+</sup>, & **Nelson** CA. Socioeconomic and Psychological Predictors of Postpartum Depression at 6 months in Dhaka, Bangladesh. Journal of Health and Social Behavior.
3. Finch KH, Seery AM, Tager-Flusberg H, & **Nelson** CA. Neural responses to words in 18- and 24-month-old toddlers at familial risk for ASD. Journal of Autism and Developmental Disorders.
4. Wade M<sup>+</sup>, Zeanah CH, Fox NA, & **Nelson** CA. Global deficits in executive functioning are transdiagnostic mediators between severe childhood neglect and psychopathology in adolescence. Psychological Medicine.
5. Tang A, Fox NA, **Nelson** CA, Zeanah CH, & Slopen N. Externalizing trajectories predict elevated inflammation among adolescents exposed to early institutional rearing: A randomized clinical trial. Psychoneuroendocrinology.
6. Finch K, Edmunds SR, Talbott MR, Messinger SD, Stone WL, **Nelson** CA, & Tager-Flusberg H. Understanding the early link between handedness and cognitive abilities in 36-month-olds. Laterality: Asymmetries of Body, Brain and Cognition.
7. Gabard-Durnam LJ<sup>+</sup>, Wilkinson C<sup>+</sup>, Kapur K, Tager-Flusberg H, Levin AR<sup>+</sup>, & **Nelson** CA. EEG power in the first year of life best distinguishes autism diagnoses. Nature Neuroscience.

8. O'Brien AM, Bayet L<sup>+</sup>, Riley K, **Nelson** CA, Sahin M, & Modi M. Auditory processing of speech and tones in children with tuberous sclerosis complex. Journal of Neurodevelopmental Disorders.
9. Sabatos-DeVito M, Jeste S<sup>+</sup>, Naples A, Bernier RA, Shic F, Howell T, Sugar C, Marsan S, Yuan A, Brandt C, Murias M, Chawarska K, Dzuira J, Faja S, Dawson G, **Nelson** C, Webb SJ, & McPartland J. Methodological considerations in the use of Noldus EthoVision XT video tracking of children with autism in multi-site studies. Biological Psychology.
10. Buzzell GA, Troller-Renfree SV, Wade M<sup>+</sup>, Debnath R, Morales S, Zeanah CH, **Nelson** CA, & Fox NA. Medial Frontal Theta Oscillations are Disrupted by Neglect and Confer Transdiagnostic Risk for Psychopathology: Evidence from a Randomized Controlled Trial. Biological Psychiatry.
11. Roche K<sup>+</sup>, LeBlanc JJ<sup>+</sup>, Levin AR<sup>+</sup>, O'Leary HM, Baczewski LM, & **Nelson** CA. Electroencephalographic spectral power as a marker of cortical function and disease severity in girls with Rett syndrome. Journal of Neurodevelopmental Disorders.
12. Humphreys KL<sup>+</sup>, Guyon-Harris KL, Tibu F, Wade M<sup>+</sup>, **Nelson** CA, Fox NA, & Zeanah CH. Psychiatric Outcomes Following Severe Deprivation in Early Childhood: Follow-up of a Randomized Controlled Trial at Age 16. New England Journal of Medicine.
13. Wade M<sup>+</sup>, Zeanah CH, Fox NA, & **Nelson** CA. Stress sensitization among severely neglected children and protection by social enrichment. Nature Communications.
14. Wade M<sup>+</sup>, Zeanah CH, Fox NA, & **Nelson** CA. Social communication deficits following early life deprivation, remediation by family care, and relation to psychopathology. Journal of Child Psychology and Psychiatry.
15. Reh R, Dias B, **Nelson** CA, Kaufer D, Werker J, Kolb B, Levine J, & Hensch TK. Critical period regulation across multiple timescales. Proceedings of the National Academy of Sciences of the United States of America.
16. Guyon-Harris K, Humphreys KL<sup>+</sup>, Miron D, Fox NA, **Nelson** CA, & Zeanah CH. Caregiving quality predicts stability of competence across adolescence following psychosocial deprivation. Development and Psychopathology.
17. Perdue K<sup>+</sup>, Behrendt H<sup>+</sup>, Richards JE, Bayet L<sup>+</sup>, Westerlund A, Cataldo J, & **Nelson** CA. Neural correlates of happy, fearful and angry face processing in 5- and 7-month-old infants. Cerebral Cortex.
18. Turesky T, Xie W<sup>+</sup>, Kumar S, Sliva D, Gagoski B, Vaughn J, Zollei L, Haque R, Hafiz Kakon S, Islam N, Petri WA, **Nelson** CA, & Gaab N. Relating anthropometric indicators to brain structure in 2-month-old Bangladeshi infants growing up in poverty: a pilot study. NeuroImage.
19. Valdes V, Zorrilla CD, Gabard-Durnam L<sup>+</sup>, Muler N, Rahman ZI, Rivera D, & **Nelson** CA. Cognitive Development of Infants Exposed to the Zika Virus in San Juan, Puerto Rico. JAMA Pediatrics.
20. Buzzell GA, Troller-Renfree SV, Wade M, Debnath R, Morales S, Zeanah CH, **Nelson** CA, & Fox NA. Medial Frontal Theta Oscillations are Disrupted by Neglect and Confer Transdiagnostic Risk for Psychopathology: Evidence from a Randomized Controlled Trial. Nature Human Behaviour.

\*invited paper

<sup>+</sup> former or current student or postdoc

The Bucharest Early Intervention Project (BEIP) core group consists of Charles H. Zeanah and Anna T. Smyke (Tulane University), Sebastian F. Koga (University of Virginia), Charles A. **Nelson** (Harvard Medical School/Children's Hospital Boston), Nathan A. Fox (University of Maryland), Peter J. Marshall (Temple University), and Hermi R. Woodward

---

## BOOKS

---

1. Bloom FE, **Nelson CA**, & Lazerson A (2001). Brain, Mind, and Behavior (3<sup>rd</sup> ed). New York: Worth Publishing.
2. **Nelson CA**, de Haan M<sup>+</sup>, & Thomas KM<sup>+</sup> (2006). Neuroscience and Cognitive Development: The Role of Experience and the Developing Brain. New York: John Wiley & Sons.
3. **Nelson CA**, Fox NA, & Zeanah, CH (2014). Romania's Abandoned Children: Deprivation, Brain Development and the Struggle for Recovery. Harvard University Press: Cambridge, MA

---

## EDITED BOOKS

---

1. Gunnar MR, & **Nelson CA** (1992). Developmental Behavioral Neuroscience. The Minnesota Symposia on Child Psychology (Vol. 24). New Jersey: Lawrence Erlbaum Associates.
2. **Nelson CA** (1993). Memory and Affect in Development. The Minnesota Symposia on Child Psychology (Vol. 26). New Jersey: Lawrence Erlbaum Associates.
3. **Nelson CA** (1994) Threats to Optimal Development: Integrating Biological, Psychological, and Social Risk Factors. The Minnesota Symposia on Child Psychology (Vol. 27). New Jersey: Lawrence Erlbaum Associates.
4. **Nelson CA** (1995). Basic and Applied Perspectives on Learning, Cognition, and Development. Minnesota Symposia on Child Psychology (Vol. 28). New Jersey: Lawrence Erlbaum Associates.
5. **Nelson CA** (2000). The Effects of Early Adversity on Neurobehavioral Development. Minnesota Symposia on Child Psychology (Vol. 31). New Jersey: Lawrence Erlbaum Associates.
6. **Nelson CA** & Luciana M<sup>+</sup> (2001). Handbook of Developmental Cognitive Neuroscience. Cambridge, MA: MIT Press. (Winner of the 2001 Professional/Scholarly Publishing Annual Award competition.)
7. Reiser J, Lockman J, & **Nelson CA** (2005). Action as an Organizer of Learning and Development: The Minnesota Symposium on Child Psychology (Vol. 33). New Jersey: Lawrence Erlbaum Associates.
8. **Nelson CA** & Luciana M<sup>+</sup> (2008). Handbook of Developmental Cognitive Neuroscience, 2<sup>nd</sup> Edition. Cambridge, MA: MIT Press.

---

## BOOK CHAPTERS

---

### 1985

1. **Nelson CA** (1985). The perception and recognition of facial expressions in infancy. In T. Field & N. Fox (Eds.), Social Perception in Infancy. Norwood, NJ: Ablex.
2. Salapatek P, & **Nelson CA** (1985). Event-related potentials and visual development. In G. Gottlieb & N.A. Krasnegor (Eds.), The Measurement of Audition and Vision in the First Year of Postnatal Life: A Methodological Overview. Norwood, NJ: Ablex.

### 1987

3. **Nelson CA**, & Horowitz FD (1987). Visual motion perception in infancy: A review and synthesis. In P. Salapatek & L.B. Cohen (Eds.), Handbook of Infant Perception: From Perception to Cognition. New York: Academic Press.

### 1993

4. **Nelson CA** (1993). The recognition of facial expressions in infancy: Behavioral and electrophysiological correlates. In B. de Boysson-Bardies, S. de Schonen, P. Juszczyk, P.

MacNeilage, & J. Morton (Eds.), Developmental Neurocognition: Speech and Face Processing in the First Year of Life (pp. 187-193). The Netherlands: Kluwer Academic Press.

### 1994

5. **Nelson** CA (1994). The neural bases of infant temperament. In J. Bates and T.D. Wachs (Eds.), Temperament: Individual Differences in Biology and Behavior (pp. 47-82). Washington, D.C.: APA Press.
6. **Nelson** CA (1994). Neural correlates of recognition memory in the first postnatal year of life. In G. Dawson & K. Fischer (Eds.), Human Behavior and the Developing Brain (pp. 269-313). New York: Guilford Press.

### 1996

7. **Nelson** CA (1996). Electrophysiological correlates of Early Memory Development. In H.W. Reese and M.D. Franzen (Eds.), Thirteenth West Virginia University Conference on Life Span Developmental Psychology: Biological and Neuropsychological Mechanisms. (pp. 95-131). New Jersey: Lawrence Erlbaum.
8. **Nelson** CA, & deHaan M<sup>+</sup> (1996). A neurobehavioral approach to the recognition of facial expressions in infancy. In J.A. Russell (Ed.), The Psychology of Facial Expression (pp. 176-204). Cambridge, MA: Cambridge University Press.

### 1997

9. **Nelson** CA (1997). The neurobiological basis of early memory development. In N. Cowan (Ed.), The Development of Memory in Childhood. (pp. 41-82). Hove, East Sussex, UK: Psychology Press.

### 1998

10. **Nelson** CA, & Dukkette D<sup>+</sup> (1998). A cognitive neuroscience perspective on the relation between attention and memory development. In J.E. Richards (Ed.), Cognitive neuroscience of attention: A developmental perspective (pp. 327-362). New Jersey: Lawrence Erlbaum Publishers.
11. Black JE, Jones TA, **Nelson** CA, & Greenough WT (1998). Neuronal plasticity and the developing brain. In N. E. Alessi, J.T. Coyle, S.I. Harrison, & S.Eth. (Eds.), Handbook of Child and Adolescent Psychiatry. Vol 6. Basic Psychiatric Science and Treatment (pp. 31-53). New York: John Wiley & Sons.
12. **Nelson** CA, & Luciana M<sup>+</sup> (1998). Electrophysiological studies II: Evoked potentials and event-related potentials. In C.E. Coffey and R.A. Brumback (Eds.), Textbook of Pediatric Neuropsychiatry (pp. 331-356). Washington, DC: American Psychiatric Press, Inc.
13. de Haan M<sup>+</sup>, & **Nelson** CA (1998). Discrimination and categorization of facial expressions of emotion during infancy. In A. M. Slater (Ed.), Perceptual Development: Visual, Auditory, and Language Perception in Infancy (pp. 287-309). London, UK: University College London Press.

### 2000

14. **Nelson** CA, & Bosquet M<sup>+</sup> (2000). Neurobiology of Fetal and Infant Development: Implications for Infant Mental Health. In C.H. Zeanah (Ed.), Handbook of Infant Mental Health, 2nd Edition (pp. 37-59). New York: Guilford Press.
15. **Nelson** CA (2000). The neurobiological bases of early intervention. In J. P. Shonkoff & S.J. Meisels (Eds.), Handbook of Early Childhood Intervention, Second Edition (pp. 204-227). Cambridge, MA: Cambridge University Press.
16. Luciana M<sup>+</sup>, & **Nelson** CA (2000). Neurodevelopmental assessment of cognitive function using the Cambridge Neuropsychological Testing Automated Battery (CANTAB): Validation and

Future Goals. In M. Ernst & J. Rumsey (Eds.), Functional Neuroimaging in Child Psychiatry (pp. 379-397). United Kingdom: Cambridge Press.

### 2001

17. **Nelson** CA, & Monk C<sup>+</sup>. (2001). The use of event-related potentials in the study of cognitive development. In CA **Nelson** & M Luciana (Eds.), Handbook of Developmental Cognitive Neuroscience (pp. 125-136). Cambridge, MA: MIT Press.

### 2002

18. **Nelson** CA (2002). Neural development and life-long plasticity. In R.M. Lerner, F. Jacobs, D. Wetlieb (Eds.), Promoting positive child, adolescent, and family development: Handbook of program and policy interventions (pp. 31-60). Thousand Oaks, CA: Sage Publications.
19. **Nelson** CA (2002). Brain Development and behavior. In Rudolph, C.D., Rudolph, A.M., Hostetter, M.K., Lister, G., & Siegel, N.J. (Eds.). Rudolph's Pediatrics, 21st edition (pp. 408-410). New York: McGraw-Hill.
20. **Nelson** CA & Webb SJ<sup>+</sup> (2002). A cognitive neuroscience perspective on early memory development. In M. de Haan & M.H. Johnson (Eds.), The Cognitive Neuroscience of Development (pp. 99-125). London, UK: Psychology Press.

### 2003

21. Curtis JW<sup>+</sup> & **Nelson** CA (2003). Toward building a better brain: Neurobehavioral outcomes, mechanisms, and processes of environmental enrichment. In S. Luthar (Ed.), Resilience and Vulnerability: Adaptation in the Context of Childhood Adversities (pp. 463-488). London, UK: Cambridge University Press.
22. **Nelson** CA (2003). The Development of Face Recognition Reflects an Experience-Expectant and Activity-Dependent Process. In O. Pascalis & A. Slater (Eds.), The Development of Face Processing in Infancy and Early Childhood: Current Perspectives (pp. 79-97). Nova Science Publishers.
23. **Nelson** CA (2003). Can we develop a neurobiological model of human social-emotional development? Integrative thoughts on the effects of separation on parent-child interactions. In J.A. King, C.F. Ferris, & Israel I. Lederhendler (Eds.), Roots of Mental Illness in Children (pp. 48-54). Annals of the New York Academy of Sciences, New York, NY.
24. **Nelson** CA (2003). Foreword to The Development of Face Processing (Gudrun Schwarzer, Ed.). Germany: Huber & Hogrefe Publishers.\*
25. DeBoer T<sup>+</sup>, Scott L<sup>+</sup>, & **Nelson** CA (2004). Event-Related Potentials in developmental populations. In T. Handy (Ed.). Event-Related Potentials: A Methods Handbook (pp. 263-297). Massachusetts: MIT Press.

### 2004

26. Scott L<sup>+</sup> & **Nelson** CA (2004). The developmental neurobiology of face processing. In B.J. Casey (Ed.), Review of Psychiatry Series, Vol. 23 (pp. 29-68). American Psychiatric Publishing.
27. **Nelson** CA (2004). The development of face recognition. In B. Hopkins (Ed.), Cambridge Encyclopedia of Child Development (pp. 317-320). Cambridge, UK: Cambridge University Press.
28. **Nelson** CA (2004). Brain development during puberty and adolescence. In R.E. Dahl & P. Spear (Eds.), Adolescent Brain Development: Vulnerabilities and Opportunities (pp. 105-109). New York, NY: New York Academy of Sciences.

## 2005

29. White T, & **Nelson** CA (2005). Neurobiological development during childhood and adolescence. In R.L. Findling & S.C. Schulz (Eds.), Juvenile-Onset Schizophrenia: Assessment, Neurobiology, and Treatment (pp. 59-83). Baltimore, MD: Johns Hopkins University Press.
30. **Nelson** CA, & Snyder K<sup>+</sup> (2005). The segregation of face and object processing in development: A model system of categorization? In L. Gershkoff-Stowe & D. Rakison (Eds.), Building object categories in developmental time: The 32<sup>nd</sup> Carnegie Cognition Symposium (pp. 1-36). New Jersey: Lawrence Erlbaum Publishers.

## 2006

31. **Nelson** CA, de Haan M<sup>+</sup>, & Thomas KM<sup>+</sup> (2006). Neural bases of cognitive development. In W. Damon, R. Lerner, D. Kuhn, & R. Siegler (Volume Editor), Handbook of Child Psychology, 6th Edition, Vol. 2: Cognitive, Perception and Language (pp. 3-57). New Jersey: John Wiley & Sons, Inc.
32. Couperus JW<sup>+</sup>, & **Nelson** CA (2006). Early Brain Development and Plasticity. In K. McCartney & D. Phillips (Eds.), The Blackwell Handbook of Early Childhood Development (pp. 85-105). Oxford, UK: Blackwell Press.
33. Leppänen JM<sup>+</sup>, & **Nelson** CA (2006). The Development and Neural Bases of Recognizing Facial Emotion. In R. Kail (Ed.), Advances in Child Development and Behavior (pp. 207-246). Elsevier Press.
34. **Nelson** CA (2006). Neurobehavioral Development in the Context of Biocultural Co-Constructivism. In P.B. Baltes, P. Reuter-Lorenz, & Rösler (Eds.), Lifespan development and the brain: The perspective of biocultural co-constructivism (pp. 61-81). London, UK: Cambridge University Press.

## 2007

35. **Nelson** CA (2007). A Developmental Cognitive Neuroscience Approach to the Study of Atypical Development: A Model System Involving Infants of Diabetic Mothers. In G. Dawson, K. Fischer, and Donna Coch (Eds.), Human Behavior and the Developing Brain, 2<sup>nd</sup> edition (pp. 1-27). New York: Guilford Press.
36. DeBoer T<sup>+</sup>, Scott LS<sup>+</sup>, & **Nelson** CA (2007). Methods for acquiring and analyzing infant event-related potentials. In M. de Haan (Ed.). Infant EEG and Event-Related Potentials (pp. 5-37). London, UK: Psychology Press.
37. **Nelson** CA, Zeanah C, & Fox NA (2007). The Effects of Early Deprivation on Brain-Behavioral Development: The Bucharest Early Intervention Project. In D. Romer and E. Walker (Eds.), Adolescent Psychopathology and the Developing Brain: Integrating Brain and Prevention Science (pp.197-215). New York: Oxford University Press.

## 2008

38. **Nelson** CA, Thomas KM<sup>+</sup>, & de Haan M<sup>+</sup> (2008). Neural bases of cognitive development. In W. Damon & R.M. Lerner (Eds.), Child and Adolescent Development: An Advanced Course (pp.19-53). Hoboken, New Jersey: Wiley & Sons.
39. **Nelson** CA & Jeste S<sup>+</sup> (2008). Neurobiological perspectives on developmental psychopathology. In M. Rutter, D. Bishop, D. Pine, S. Scott, J. Stevenson, E. Taylor, & A. Thapar (Eds.), Rutter's Textbook on Child and Adolescent Psychiatry, 5th Edition (pp.145-159) London, UK: Blackwell Publishing.

40. Richmond J<sup>+</sup> & **Nelson** CA (2008). Mechanisms of change: A cognitive neuroscience approach to declarative memory development. In C.A. **Nelson** & M. Luciana (Eds.), Handbook of Developmental Cognitive Neuroscience, 2nd Edition (pp. 541-552). Cambridge, MA: MIT Press.
41. **Nelson** CA (2008). Commentary on *Social Cognition: Development, Neuroscience and Autism*. Chapter to appear in T. Striano & V. Reid (Eds.), *Social Cognition: Development, Neuroscience and Autism*. London, UK: Blackwell Publisher.
42. Moulson MC<sup>+</sup>, & **Nelson** CA (2008). Neurological development. In M. M. Haith & J. B. Benson (Eds.), Encyclopedia of Infant and Early Childhood Development. (Vol 2, pp. 414-424).

## 2009

43. Reeb BC, Fox NA, **Nelson** CA, & Zeanah CH (2009). The effects of early institutionalization on social behavior and underlying neural correlates. In M. de Haan & M. Gunnar (Eds.), Handbook of Developmental Social Neuroscience (pp. 477-496) London, UK: Guilford Press.
44. Fusaro M<sup>+</sup>, & **Nelson** CA (2009). Developmental cognitive neuroscience and education practice. In Barbarin, O.A., Frome, P., Marie-Winn, D. (Eds.), The Handbook of Child Development and Early Education: Research into Practice (pp. 57-77). New York: Guilford Press.
45. Sheridan M<sup>+</sup>, & **Nelson** CA (2009). Neurobiology of fetal and infant development: Implications for infant mental health. In C.H. Zeanah (Ed.), Handbook of Infant Mental Health, 3rd Edition. (pp. 40-58). New York: Guilford Press.

## 2010

46. Riggins T, Baller PJ, Georgieff MK, & **Nelson** CA (2010). Declarative Memory Performances in Infants of Diabetic Mothers. In P. Bauer (Ed.), Advances in Child Development and Behavior Varieties of Early Experience: Implications for the Development of Declarative Memory in Infancy. (73-110). Burlington: Academic Press.

## 2011

47. **Nelson** CA (2011). Neural development and lifelong plasticity. In D.P. Keating (Ed.), Nature and Nurture in Early Childhood Development. (pp. 45-69). Cambridge, MA: Cambridge University Press.
48. **Nelson** CA (2011). Brain development and behavior. In A.M. Rudolph, C. Rudolph, L. First, G. Lister, & A.A. Gershon (Eds.), Rudolph's Pediatrics, 22<sup>nd</sup> Edition. New York: McGraw Hill.
49. **Nelson** CA, & Sheridan M<sup>+</sup> (2011). Lessons from neuroscience research for understanding causal links between family and neighborhood characteristics and educational outcomes. In G. Duncan & R. Murnane (Eds.), Whither Opportunity: Rising Inequality, Schools, and Children's Life Chances. New York: Russel Sage Foundation Press.

## 2012

50. **Nelson**, C.A., Fox, N.A., & Zeanah, C.H. (2012). Early Hazards to Brain Development: The Effects of Early Institutionalization on Brain and Behavioral Development. In S. Pauen (Eds.), Early Childhood Development and Later Outcome (148-167). New York: Cambridge University Press.
51. Righi G<sup>+</sup>, & **Nelson** CA (2012). The neural architecture and developmental course of face processing. In P. Rakic & J. Rubenstein (Eds.), Comprehensive Developmental Neuroscience. San Diego, CA: Elsevier Press.

52. **Nelson** CA (2012). The effects of early psychosocial deprivation. In M. Woodhead & J. Oates (Eds.) Early Childhood in Focus 7: Developing Brains United Kingdom: The Open University.

### 2013

53. Leppanen JM & **Nelson** CA (2013). The emergence of perceptual preferences for social signals of emotion. In M. Banaji & S. Gelman (Eds.) Navigating the social world: What infants, children, and other species can teach us (pp.161-164). Oxford, UK: Oxford University Press.
54. **Nelson** CA (2013). Some thoughts on the development and neural bases of face processing. In M. Banaji & S. Gelman (Eds.) Navigating the social world: What infants, children, and other species can teach us (pp.165-169). Oxford, UK: Oxford University Press.
55. McLaughlin KA<sup>+</sup>, Sheridan MA<sup>+</sup>, & **Nelson** CA (2013). Adverse childhood experiences and brain development: Neurobiological mechanisms linking the social environment to psychiatric disorders. In K. Koenen, S. Rudenstine, E. Susser, & S. Galea (Eds.). Life Course Epidemiology of Mental health disorders. Oxford, UK: Oxford University Press.
56. Fox NA, **Nelson** CA, & Zeanah CH (2013). The effects of early severe psychosocial deprivation on children's cognitive and social development: Lessons from the Bucharest Early Intervention Project. In N. Landale, S.M. McHale & A. Booth (Eds.) Families and Child Health. New York, US: Springer.

### 2014

57. Jabes A<sup>+</sup> & **Nelson** CA (2014). Neuroscience and Child Well-Being. In Ben-Arieh, Asher, Casas, Ferran, Frones, Ivar. and Korbin, Jill E. (Eds.) Handbook of Child Well-Being. Theories, Methods and Policies in Global Perspective. Dorrecht: Springer.
58. Fox NA, **Nelson** CA, & Zeanah CH (2014). The effects of psychosocial deprivation on brain structure and function. In: Formative Childhoods: A Path to Peace?, eds. J. F. Leckman, C. Panter-Brick, and R. Salah. Strüngmann Forum Reports, vol. 15. J. Lupp, series editor. Cambridge, MA: MIT Press.
59. McLaughlin KA, Sheridan MA<sup>+</sup> & **Nelson** CA (2014). Adverse childhood experiences and brain development: neurobiological mechanisms linking the social environment to psychiatric disorders. In: K. Koenen, S. Rudenstine, E. Susser, & S. Galea (Eds), Life course epidemiology of mental health disorders (pp. 249-259). Oxford: Oxford University Press.

### 2016

60. **Nelson** CA, Fox NA, & Zeanah CH (2016). The effects of early psychosocial deprivation on brain and behavioral development: Findings from the Bucharest Early Intervention Project. In D. Cicchetti (Ed.), Developmental Psychopathology, 3e, Volume 4 (pp. 934-970). Wiley & Sons.
61. Zeanah CH, Fox NA, & **Nelson** CA (2016). Attachment at the extremes: Lesson from the Bucharest Early Intervention Project. In S. Gojman-de-Millan, C. Herreman, & L.A. Sroufe (Eds.), Attachment across Clinical and Cultural Perspectives: A relational psychoanalytic approach. (pp. 142-161). Routledge.
62. Bick J<sup>+</sup>, & Nelson CA. (2016). Early experience and brain development. In M.S. Blumberg, J.P. Spencer, & D. Shenk (Eds), How We Develop: Developmental Systems and the Emergence of Complex Behaviors. Wiley Interdiscip Rev Cogn Sci., doi: 10.1002/wcs.1413

### 2017

63. Humphreys KL, Fox NA, **Nelson** CA, & Zeanah CH (2017). Psychopathology following severe deprivation: History, research, and implications of the Bucharest Early Intervention Project. In A. V. Rus, S. R. Parris, & E. Stativa (Eds.), Child Maltreatment in Long-Term Residential Centers: History, Research, and Current Implications. New York: Springer.
64. **Nelson** CA (2017). Foreword to The Cambridge Encyclopedia of Child Development (B. Hopkins, E. Geangu, & S. Linkenauer, Eds.). Cambridge: Cambridge University Press.
65. Bowman LC<sup>+</sup>, Pierce LJ<sup>+</sup>, **Nelson** CA & Werker JF (2017). Neural foundations of cognition and language. In R. Gibb & B. Kolb (Eds.), The Neurobiology of Brain and Behavioral Development. Cambridge, MA: Academic Press.

## 2018

66. **Nelson** CA. (2018) Early Childhood (0-3 years). In: Emergent Brain Dynamics: Prebirth to Adolescence, edited by A. A. Benasich and U. Ribary. Strüngmann Forum Reports, vol. 25, J. Lupp, series editor. Cambridge, MA: MIT Press.
67. Berens AE<sup>+</sup> & **Nelson** CA (2018). Neurobiology of Fetal and Infant Development: Implications for Infant Mental Health. In C.H. Zeanah (Ed.) Handbook of Infant Mental Health, 4<sup>th</sup> Edition. New York: Guilford Press.
68. Cataldo J<sup>+</sup> & **Nelson** CA (2018). The recognition of emotion during the first years of life. In A.S. Fox, R.C. Lapate, A.J. Shackman, & R.J. Davidson (Eds), The Nature of Emotion: Fundamental Questions, 2<sup>nd</sup> Edition. New York: Oxford University Press.

## 2019

69. Bayet, L<sup>+</sup> & **Nelson** CA (2019). The perception of facial emotion in typical and atypical development. In LoBue V, Perez-Edgar K, & Buss KK (Eds), Handbook of Emotional Development. New York: Springer.

## In Press

70. Berens AE<sup>+</sup>, Jensen SKG<sup>+</sup>, & **Nelson** CA (in press). The Neurobiology of Childhood Psychosocial Adversity. In Dwyer, JG (Ed), The Oxford Handbook of Children and the Law. New York: Oxford University Press.
71. Bayet L<sup>+</sup>, & **Nelson** CA (in press). The neural architecture and developmental course of face processing. In P. Rakic & J. Rubenstein (Eds.), Comprehensive Developmental Neuroscience, 2<sup>nd</sup> Edition. San Diego, CA: Elsevier Press.

\*invited paper

<sup>+</sup> former or current student or postdocs

The Bucharest Early Intervention Project (BEIP) core group consists of Charles H. Zeanah and Anna T. Smyke (Tulane University), Sebastian F. Koga (University of Virginia), Charles A. **Nelson** (Harvard Medical School/Children's Hospital Boston), Nathan A. Fox (University of Maryland), Peter J. Marshall (Temple University), and Hermi R. Woodward (University of Pittsburgh/MacArthur Research Networks)

---

## PRESENTED CONFERENCE PAPERS

---

1. **Nelson** CA, Morse PA, & Leavitt LA (1977, October). *Recognition of facial expressions in 7-month-old infants*. Paper presented at meeting of the International Congress of Pediatrics, New Delhi, India.

2. **Nelson CA** (1983, April). *The categorical perception of facial expressions by 7-month-old infants*. Paper presented at the biennial meeting of the Society for Research in Child Development, Detroit, MI.
3. **Nelson CA**, & Horowitz FD (1982, March). *The perception of holographically presented faces by 2- and 5-month-old infants*. Paper presented at the meetings of the International Conference on Infant Studies, Austin, TX.
4. **Nelson CA**, & Salapatek P (1984, April). *Infants' recognition of briefly presented faces as indexed by the Late Positive Component (LPC) of the Event-Related Potential*. Paper presented at the meeting of the International Conference on Infant Studies, New York, NY.
5. **Nelson CA** (1985, April). Electrophysiological correlates of infant recognition memory: The Late Positive Component (LPC). In R. Karrer (Chair), *Late Event-Related Potentials of the Brain and Perceptual/Cognitive Processing in Infants*. Symposium conducted at the biennial meeting of the Society for Research in Child Development, Toronto, ON.
6. Ludemann PM<sup>+</sup>, **Nelson CA**, & Park YS (1986, May). *Caregiver effects on infant visual habituation*. Paper presented at the Midwest Psychological Association, Chicago, IL.
7. **Nelson CA**, & Ludemann PM<sup>+</sup> (1986, May). *The discrimination of intensity changes of emotion by 4- and 7-month-old infants*. Paper presented at the Midwest Psychological Association, Chicago, IL.
8. Ludemann PM<sup>+</sup>, & **Nelson CA** (1987, April). *Categorization and discrimination of positive and negative facial expressions*. Paper presented at the biennial meeting of the Society for Research in Child Development, Baltimore, MD.
9. **Nelson CA** (1987, April). *Electrophysiological correlates of categorization in 4- and 6-month-old infants*. Paper presented at the biennial meeting of the Society for Research in Child Development, Baltimore, MD.
10. Ludemann PM<sup>+</sup>, & **Nelson CA** (1988, April). *Generalized discrimination of positive and negative facial expressions*. Paper presented at the International Conference on Infant Studies, Washington, D.C.
11. **Nelson CA**, Ellis A<sup>+</sup>, Lang SF, & Collins P (1988, April). *Infants' cortical responses to missing stimuli: Can missing stimuli be novel stimuli?* Paper presented at the International Conference on Infant Studies, Washington, D.C.
12. **Nelson CA** (1988, May). *An introduction to developmental neuroscience and cognitive neuroscience*. Invited presentation to the meetings of the Minnesota Psychological Association, Minneapolis, MN.
13. Lang SF, **Nelson CA**, & Collins P (1988, November). *Event-Related Potentials elicited by attention to pictures of emotional and neutral faces*. Paper presented at the meetings of the Society for Research in Psychophysiology, San Francisco, CA.
14. **Nelson CA**, Collins P, Schwartzman M, & Torres F (1988, November). *A divided field study of long-latency Event-Related Potentials to linguistic and non-linguistic visual events*. Paper presented at the meetings of the Society for Research in Psychophysiology, San Francisco, CA.
15. Ellis A<sup>+</sup>, & **Nelson CA** (1989, April). *Four-month-old infants' event-related potential responses to a categorization task*. Paper presented at the biennial meeting of the Society for Research in Child Development, Kansas City, MO.
16. **Nelson CA** (1989, April). An introduction to developmental cognitive neuroscience. In C.A. **Nelson** (Chair), *Introduction to Developmental Cognitive Neuroscience*. Symposium conducted at the biennial meeting of the Society for Research in Child Development, Kansas City, Missouri.
17. **Nelson CA** (1989, April). The use of event-related potentials in the study of infant memory. In C.A. **Nelson** (Chair), *Introduction to Developmental Cognitive Neuroscience*. Symposium conducted at the biennial meeting of the Society for Research in Child Development, Kansas City, Missouri.
18. **Nelson CA**, Collins P<sup>+</sup>, & Torres F (1989, October). *Scalp recorded P300 activity in patients preceding surgical unilateral resection of the temporal lobe*. Paper presented at the meetings of the Society for Research in Psychophysiology, New Orleans, LO.
19. Kestenbaum R<sup>+</sup>, & **Nelson CA** (1990, April). *On what basis do infants recognize emotional expressions?* Paper present at the International Conference on Infant Studies, Montreal, QC.

20. **Nelson CA**, & Collins PF<sup>+</sup> (1990, April). *An event-related potential and looking time analysis of 4- and 6-month-old infants' responses to familiar and novel events*. Paper presented at the International Conference on Infant Studies, Montreal, QC.
21. **Nelson CA** (1990, July). *Neural correlates of infant visual recognition memory*. Paper presented as part of a satellite symposium of the 5<sup>th</sup> International Congress of Psychophysiology, entitled "Developmental and Clinical Psychophysiology," Budapest, Hungary.
22. **Nelson CA**, & Kestenbaum R<sup>+</sup> (1990 July). *Neural and behavioral correlates of emotion recognition in children*. Paper presented at 5<sup>th</sup> International Conference on Psychophysiology, Budapest, Hungary.
23. **Nelson CA**, Collins PF<sup>+</sup>, & Henschel M (1991, April). Neural and behavioral correlates of cross-modal recognition memory in 8-month-old infants. In C.A **Nelson** (Chair), *Neural Correlates of Early Cognitive and Linguistic Development*. Symposium conducted at the biennial meeting of the Society for Research in Child Development, Seattle, Washington.
24. Odegaard RA, & **Nelson CA** (1991, April). *Electrophysiological correlates of visual recognition memory in 4-month-old infants*. Paper presented at the biennial meeting of the Society for Research in Child Development, Seattle, Washington.
25. deRegnier RA<sup>+</sup>, & **Nelson CA** (1991, October). *Electrophysiological correlates of visual recognition memory in 4-month-old survivors of neonatal intensive care (NIC)*. Paper presented at the Society for Psychophysiological Research, Chicago, Illinois.
26. **Nelson CA** (1991, October). Event-related potential correlates of recognition memory across the first year of life. In P. Ackles (Chair), *Event-Related Potentials of the Brain: Studies of Normal Development and Developmental Disabilities in Infants and Children*. Symposium conducted at the Society for Psychophysiological Research Preconference, Chicago, Illinois.
27. **Nelson CA**, Matheny L, & Retinger R (1992, April). *Continuous recognition memory performance as revealed by event-related potentials: The role of the temporal lobe*. Paper presented at the 13<sup>th</sup> West Virginia University Conference on Life-Span Developmental Psychology: Biological and Neuropsychological Mechanisms, Morgantown, West Virginia.
28. Biederman I, Gerhardstein PC, Cooper EE, & **Nelson CA** (1992, May). High level object recognition without a temporal lobe. Paper presented at the Association for Vision and Ophthalmology, Sarasota, Florida.
29. **Nelson CA** (1992, May). The use of event-related potentials in the study of infant cognition. In, *Current and Future Directions in Infant Developmental Neuropsychology from an Electrophysiological Perspective*. Symposium conducted at the International Conference on Infant Studies, Miami, Florida.
30. Sargent PL, & **Nelson CA** (1992, May). *Cross species recognition in infant and adult humans: ERP and behavioral measures*. Paper presented at the International Conference on Infant Studies, Miami, Florida.
31. **Nelson CA** (1993, March). Commentary on Prefrontally-Mediated working memory in normal and abnormal cognitive development. In B. Pennington (Chair), *Prefrontally-Mediated Working Memory in Normal and Abnormal Cognitive Development*. Symposium conducted at the biennial meeting of the Society for Research in Child Development, New Orleans, Louisiana.
32. **Nelson CA**, Matheny L, Sargent P, Carver L<sup>+</sup>, & Crescione C (1993, March). *Neural correlates of emotion recognition in infants*. Paper presented at the biennial meeting of the Society for Research in Child Development, New Orleans, Louisiana.
33. **Nelson CA** (1993, November). Brain Development and Developmental Cognitive Neuroscience. In, *Cognitive Neuroscience*. Symposium conducted at the preconference meeting of the American Speech, Hearing, and Language Association, Anaheim, California.
34. Richards MLM<sup>+</sup>, Thomas K<sup>+</sup>, Georgieff MK, & **Nelson CA** (1994, February). *Evoked potential responses of recognition memory in premature infants*. Paper presented at the Western Society for Pediatric Research, Carmel, CA.

35. Carver L<sup>+</sup>, Realmuto G, & **Nelson** CA (1994, March). *Methods to differentiate responses to classes of emotional stimuli*. Poster presented at the inaugural meeting of the cognitive neuroscience society, San Francisco, CA.
36. de Haan M<sup>+</sup>, & **Nelson** CA (1994, March). *Infants' electrophysiological and behavioral responses to their mothers' faces*. Poster presented at the inaugural meeting of the cognitive neuroscience society, San Francisco, CA.
37. Wegesin DJ<sup>+</sup>, & **Nelson** CA (1994, March). *Recognition memory and visual P300 brain activity in seizure patients preceding temporal lobe resection*. Poster presented at the inaugural meeting of the cognitive neuroscience society, San Francisco, CA.
38. Richards MLM<sup>+</sup>, Thomas K<sup>+</sup>, Georgieff MK, & **Nelson** CA (1994, May). *Evoked potential responses of recognition memory in premature infants*. Paper presented at Society for Pediatric Research, Seattle, WA
39. Richards MLM<sup>+</sup>, Thomas K<sup>+</sup>, Georgieff MK, & **Nelson** CA (1994, June). *Neurocognitive correlates of recognition memory in premature and control infants*. Paper presented at the International Conference on Infant Studies, Paris, France.
40. de Haan M<sup>+</sup>, & **Nelson** CA (1994, June). Six-month-old infants' electrophysiological responses to their mothers' faces. In C.A. **Nelson** (Chair), *Contemporary views on infant face perception: Brain-behavior relations*. Symposium conducted at the International Conference on Infant Studies, Paris, France.
41. **Nelson** CA, & de Haan M<sup>+</sup> (1994, June). Electro-cortical responses to facial expressions. In N. Snidman (Chair), *Understanding early affective response: The contribution of physiological approaches*. Symposium conducted at the International Conference on Infant Studies, Paris, France.
42. de Haan M<sup>+</sup>, Kocer L, **Nelson** CA, Gunnar MR, & Tout K (1994, November). *Brain potentials related to the recognition of emotional expressions by human children*. Poster presented at the Annual Meeting of the Society for Neuroscience, Miami Beach, FL.
43. **Nelson** CA (1994, November). *Memory function in temporal lobectomy patients*. Invited talk give to the Department of Psychology, Rice University, Houston, TX.
44. Thomas KM<sup>+</sup>, **Nelson** CA, & Malone SM<sup>+</sup> (1994, November). *Age-related changes in the electrophysiological response to visual stimulus novelty: A topographical approach*. Poster presented at the Annual Meeting of the Society for Neuroscience, Miami Beach, FL.
45. Wegesin DJ<sup>+</sup>, & **Nelson** CA (1994, November). *ERP analysis of recognition memory in seizure patients preceding temporal lobectomy*. Poster presented at the Annual Meeting of the Society for Neuroscience, Miami Beach, FL.
46. **Nelson** CA (1995, February). *Neurocognitive outcome in NICU survivors: Preliminary and Future Studies*. Invited paper presented at the Winter Child Health Symposium, University of Minnesota, Minneapolis, MN.
47. **Nelson** CA (1995, April). The functional significance of electrophysiological studies of human infant memory. In C.A. **Nelson** (Chair), *The ontogeny of memory: Human and nonhuman primate studies*. Symposium conducted at the biennial meetings of the Society for Research in Child Development, Indianapolis, IN.
48. Luciana M<sup>+</sup>, & **Nelson** CA (1996, March). *Electrophysiological correlates of human spatial working memory processes*. Poster presented at the meeting of the Cognitive Neuroscience Society, San Francisco, CA.
49. de Haan M<sup>+</sup>, & **Nelson** CA (1996, April). *Inversion affects infants' event-related potential and looking time responses to facial expressions of emotion*. Poster presented at the International Conference on Infant Studies, Providence, RI.
50. Lin JC, Gates JR, Ritter FJ, Dunn MB, Hu X, Miulli DE, Kato T, **Nelson** CA, & Truwit CL (1996). *Preoperative functional MR imaging to assess language and memory lateralization in patients with surgical brain disease*. Abstract submitted to International Society of Magnetic Resonance in Medicine, Vancouver, BC.

51. Truwit CL, Le TH, Lin JC, Hu X, Carver L<sup>+</sup>, Thomas KM<sup>+</sup>, Monk C<sup>+</sup>, & **Nelson** CA (1996, June). *Functional MR imaging of working memory task activation in children: Preliminary findings*. 2<sup>nd</sup> International Conference on Functional Mapping of the Human Brain, Boston, MA.
52. Truwit CL, Le TH, Lin JC, Hu X, Carver L<sup>+</sup>, Thomas KM<sup>+</sup>, Monk C<sup>+</sup>, & **Nelson** CA (1996, June). *Functional MR imaging of working memory task activation in children: Preliminary findings*. American Society of Neuroradiology, Seattle, WA.
53. Webb S<sup>+</sup>, Donzella B, & **Nelson** CA (1997, March). *Perceptual priming for faces by human adults and infants*. Poster presented at the Society for Cognitive Neuroscience, Boston, MA.
54. **Nelson** CA, Le Tuong, Hu Xiaoping, Lin J, Carver L<sup>+</sup>, Monk CM<sup>+</sup>, & Truwit CL (1997, April). *The use of functional magnetic resonance imaging (fMRI) in children: Preliminary studies of working memory in 8- to 10-year-olds*. Paper presented at the Society for Research in Child Development, Washington, DC.
55. Arriaga RI<sup>+</sup>, Snyder K<sup>+</sup>, & **Nelson** CA (1998, April). *Extending Strauss and Curtis' number discrimination findings: What ERPs tell us about looking time*. Poster presented at the International Conference on Infant Studies, Atlanta, GA.
56. Monk CS<sup>+</sup>, Toepper TN, & **Nelson** CA (1998, April). *Ten-month-old infants' recognition of objects in contexts*. Poster presented at the International Conference on Infant Studies, Atlanta, GA.
57. **Nelson**, CA (1998, April). Change and continuity in neurobiological development. In, *The Domains of Change or Continuity: Why is Infancy so Important?* Symposium conducted at the International Conference on Infant Studies, Atlanta, GA.
58. Webb SJ<sup>+</sup>, **Nelson** CA, & Donzella B (1998 April). *Priming for faces in infants and adults: Electrophysiological evidence*. Poster presented at the International Conference on Infant Studies, Atlanta, GA.
59. Wewerka S, Thomas KM<sup>+</sup>, Tribby-Walbridge SR, Georgieff MK, & **Nelson** CA (1998, April). *Electrophysiological assessment of pre-explicit memory in at-risk 6- and 8-month-old infants*. Poster presented at the International Conference on Infant Studies, Atlanta, GA.
60. **Nelson** CA, deRegnier R<sup>+</sup>, Wewerka STW, & Georgieff MK (1998, April). *Electrophysiological assessment of recognition memory in 6-month-old infants of diabetic mothers and growth retarded infants*. Paper presented at the Society for Pediatric Research.
61. Carver LJ<sup>+</sup>, Monk CS<sup>+</sup>, Lin JC, Luciana M<sup>+</sup>, Curtis WJ, **Nelson** CA, & Truwit CL (1998, April). *Functional Magnetic Resonance Imaging of Delayed Non-Matching to Sample in human adults*. Poster presented at the Cognitive Neuroscience Society, San Francisco, CA.
62. deRegnier R<sup>+</sup>, **Nelson** CA, Thomas K<sup>+</sup>, Wewerka STW, & Georgieff MK (1998, April). *Auditory brain maturation and recognition memory in newborn infants of diabetic mothers*. Paper presented at the Society for Pediatric Research.
63. **Nelson** CA, deRegnier R<sup>+</sup>, Wewerka STW, & Georgieff MK (1998, April). *Electrophysiological assessment of recognition memory in 6-month-old infants of diabetic mothers and growth retarded infants*. Paper presented at the Society for Pediatric Research.
64. Monk CS<sup>+</sup>, Lin J, Curtis J<sup>+</sup>, Carver LJ<sup>+</sup>, Truwit CL, & **Nelson** CA (1999, April). *Multiple cortical structures are activated in visual recognition memory*. Poster presented at the meetings of the Cognitive Neuroscience Society, Washington, DC.
65. Tribby-Walbridge SR, Webb SJ<sup>+</sup>, & **Nelson** CA (1999, April). *Neural correlates of familiarity for faces and toys: A longitudinal study*. Poster presented at the Meetings of the Society for Research in Child Development, Albuquerque, NM.
66. **Nelson**, CA (1999, July). O.C.E.D. *Early Experience and Brain Development*. Paris, France.
67. **Nelson** CA (1999, October). *The use of event-related potentials in the study of cognitive development*. Invited paper presented at the meeting of the Society for Cognitive Development, Chapel Hill, NC.

68. Davis EP, Snyder KA<sup>+</sup>, & **Nelson** CA (2000, April). *Neural Correlates of Response Inhibition and Working Memory*. Poster to be presented at the Cognitive Neuroscience Society Conference, San Francisco, CA.
69. Snyder KA<sup>+</sup>, Stolarova M, & **Nelson** CA (2000, April). *Electrophysiological Correlates of Habituation and Novelty Preference in 6-month old Infants*. Poster presented at the Cognitive Neuroscience Society Conference, San Francisco, CA.
70. Whitney H<sup>+</sup>, Stolarova M, deRegnier R<sup>+</sup>, Georgieff M, & **Nelson** CA (2000, April). *The influence of prematurity on early memory systems*. Poster session presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco.
71. Stolarova MP, Whitney HL<sup>+</sup>, Georgieff MK, deRegnier RA<sup>+</sup>, & **Nelson** CA (2000, May). *Early recognition memory in healthy premature infants*. Poster session presented at the joint meeting of the Pediatric Academic Societies and the American Academy of Pediatrics, Boston.
72. Johnson K, Bradley S, Waters J, **Nelson** CA, & Bauer PJ (2000, July). *Individual differences in 9-month-olds' recall: charting the course of consolidation using ERPs and behavior*. Poster presented at the International Conference on Infant Studies, Brighton, UK.
73. Sidappa AJM, Wewerka S, Georgieff MK, **Nelson** CA, & deRegnier RA<sup>+</sup>. (2001, February). *Auditory recognition memory in infants of diabetic mothers at birth*. Paper presented at the meeting of the Western Society for Pediatric Research, Carmel, CA.
74. **Nelson** CA (2001, May). *The development and neural bases of face and emotion recognition*. Paper presented at "Mind and Emotion: From the Molecular to the Cultural," a conference sponsored by the University of Minnesota Center for Cognitive Sciences, Minneapolis, MN.
75. Tottenham N<sup>+</sup>, Curtis WJ, Zhuang JC, Hu X, & **Nelson** CA (2001, November). *Development in the delayed match- and nonmatch-to-sample memory tasks: An event-related functional MRI approach*. Poster presented at the Society for Neuroscience, San Diego, CA.
76. DeBoer T<sup>+</sup>, Wewerka S, Borscheid A, & **Nelson**, CA (2002 April). *Event-Related Potentials and Recognition Memory in 12-Month-Old Infants of Diabetic Mothers*. Poster presented at the International Conference on Infant Studies, Toronto, ON.
77. deRegnier RA<sup>+</sup>, Wewerka S, Georgieff MK, & **Nelson** CA (April 2002). *Name That Tune: One vs. Two Work Phrases to Elicit Auditory Recognition in One-Month Old Infants*. Poster presented at the International Conference on Infant Studies, Toronto, ON.
78. deRegnier RA<sup>+</sup>, Whitney H<sup>+</sup>, Wewerka S, Georgieff MK, & **Nelson** CA (2002 April). *Event-related potential indices of neonatal recognition memory are correlated with preschool cognitive function*. Poster presented at the International Conference on Infant Studies, Toronto, ON.
79. **Nelson**, CA (2002 April). *The MacArthur Bucharest Early Intervention Project*. Symposium presented at the International Conference on Infant Studies, Toronto, ON.
80. **Nelson** CA, Wewerka S, & Borscheid A (2002 April). *Neural Correlates of Cross Modal Recognition Memory in Infants of Diabetic Mothers*. Poster presented at the International Conference on Infant Studies, Toronto, ON.
81. Parker SW<sup>+</sup>, & **Nelson** CA (2002 April). *The Bucharest Early Intervention Project: Electrophysiological correlates of face and emotional recognition*. Paper presented at symposium presented at the International Conference on Infant Studies, Toronto, ON.
82. Parker SW<sup>+</sup>, & **Nelson** CA (2002 April). *Discrimination of facial expression in Romanian institutionalized children*. Poster presented at the International Conference on Infant Studies, Toronto, ON.
83. Whitney H<sup>+</sup>, Stolarova M, & **Nelson** CA (2002 April). *Relations between explicit and implicit memory systems in infancy as measured by two event-related potential paradigms*. Poster presented at the International Conference on Infant Studies, Toronto, ON.

84. Tottenham N<sup>+</sup>, Borscheid A, Ellersten K, Marcus D<sup>+</sup>, & **Nelson** CA (2002 April). *Categorization of facial expressions in children and adults: Establishing a larger stimulus set*. Poster presented at the 9<sup>th</sup> annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
85. Tottenham N<sup>+</sup>, Borscheid A, Ellertsen K, Marcus D<sup>+</sup>, & **Nelson** CA (2002, April). *Categorization of facial expressions in children and adults: Establishing a larger stimulus set*. Poster presented at the 9<sup>th</sup> annual meeting of the Cognitive Neuroscience Society, San Francisco.
86. **Nelson** CA (2003, February). The effects of early deprivation on brain-behavioral development: The Bucharest Early Intervention Project. In, *The Effects of Early Experience on Brain and Brain Development*. Symposium conducted at the meeting of the American Association for the Advancement of Science, Denver, CO.
87. DeBoer T<sup>+</sup>, Borscheid A, Kuefner D<sup>+</sup>, & **Nelson** CA (2003, March). *Does Experience Influence the Specialization of Face Recognition Processes? Evidence from ERPs*. Poster presented at the Society for Cognitive Neuroscience, New York, NY.
88. Marcus DJ<sup>+</sup>, Karatekin C, & **Nelson** CA (2003, April). *Visual Scanning during Facial Expression Recognition: Measuring the Effects of Inversion*. Poster presented at the Society for Cognitive Neuroscience, New York, NY.
89. **Nelson** CA (2003, April). *Gray Matters: A Neuroconstructivist Account of Cognitive Development*. Master lecture delivered at the meeting of the Society for Research in Child Development, Tampa, FL.
90. **Nelson** CA (2003, April). Discussion *The Development of Facial Expertise*. Symposium conducted at the meeting of the Society for Research in Child Development, Tampa, FL.
91. Parker SW<sup>+</sup>, & **Nelson** CA (2003, April). Electrophysiological Correlates of Face and Emotion Recognition in Institutionalized and Community Children in Romania. In, *The Effects of Early Institutionalization on Brain-Behavior Development: The Bucharest Early Intervention Project*. Symposium conducted at the biennial meeting of the Society for Research in Child Development, Tampa, FL.
92. Scott LS<sup>+</sup>, & **Nelson** CA (2003, April). *Increasing Specificity in Face Processing: A Developmental ERP Study*. Poster presented at the Society for Cognitive Neuroscience, New York, NY.
93. Scott LS<sup>+</sup>, Shannon R, & **Nelson** CA (2003, April). *Electrophysiological correlates of face processing in 9-month-old infants*. Poster presented at the Society for Research in Child Development, Tampa, FL.
94. Abrams JM, Westerlund A, Hersey M, Gustafson E, & **Nelson** CA (2004, April). *Is the N170 a reference-specific component?* Poster presented at the Cognitive Neuroscience Society Annual Meeting, San Francisco, CA.
95. Hunt RH<sup>+</sup>, Couperus JW<sup>+</sup>, **Nelson** CA, & Thomas KM<sup>+</sup> (2004, April). *Electrophysiological correlates of continuous recognition memory in adults and children: A parametric manipulation of memory load*. Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
96. Marcus DJ<sup>+</sup>, Karatekin C, & **Nelson** CA (2004, April). *Attentional bias for facial expressions in children and adults: An oculomotor study*. Poster presented at the Cognitive Neuroscience Society Annual Meeting, San Francisco, CA.
97. Thomas KM<sup>+</sup>, Hunt RH<sup>+</sup>, Townsend EL<sup>+</sup>, Couperus JW<sup>+</sup>, **Nelson** CA, & Mueller BA (2004, April). *Developmental differences in hippocampal function: An fMRI study of continuous recognition memory*. Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco CA.
98. Sesma HW, Townsend EL<sup>+</sup>, Georgieff MK, & **Nelson** CA (2004, May). *The role of memory in overall IQ for infants of diabetic mothers and intrauterine growth restricted infants*. Poster presented at the joint meeting of the Pediatric Academic Societies and the American Academy of Pediatrics, San Francisco, CA.
99. Burden, MJ, Armony-Sivan R, Westerlund A, Jacobson SW, **Nelson** CA, Lozoff B, & Jacobson JL (2004, May). *Preliminary findings from an ERP study of memory processing in iron deficient infants*. Poster presented at the Biennial International Conference on Infant Studies, Chicago, IL.

100. Shannon R, Scott L<sup>+</sup>, Nicholson E, Kelly D, Pascalis O, & **Nelson CA** (2004, May). *The role of early experience in face processing*. Poster presented at the Biennial International Conference on Infant Studies, Chicago, IL.
101. Westerlund A, Burden MJ, Armony-Sivan R, **Nelson CA** (2004, May). *Developmental changes in the infant even-related potential*. Poster presented at the Biennial International Conference on Infant Studies, Chicago, IL.
102. Westerlund A, Macchi CV, Kuefner D<sup>+</sup>, **Nelson CA** (2004, May). *Face detection in 3-month-old infants: Behavior responses and neural correlates*. Poster presented at the Biennial International Conference on Infant Studies, Chicago, IL.
103. Wiik KL, Parker SW<sup>+</sup>, Marcus DJ<sup>+</sup>, **Nelson CA** (2004, May). *Electrophysiological correlates of emotion and face recognition in typically developing toddlers*. Poster presented at the Biennial International Conference on Infant Studies, Chicago, IL.
104. Burden MJ, Armony-Sivan R, Jacobson JL, Lozoff B, Westerlund A, **Nelson CA** (2004, June). *Could resources devoted to basic perceptual processing impact higher order memory functioning in iron deficient infants? And event-related potential study*. Paper presented at the Neurobehavioral Teratology Society Annual Meeting, Vancouver, BC.
105. Thomas KM<sup>+</sup>, Hunt RH<sup>+</sup>, Townsend EL<sup>+</sup>, Couperus JW<sup>+</sup>, **Nelson CA**, Mueller BA (2004, June). *Developmental differences in continuous recognition memory: an fMRI study of medial temporal lobe function*. Poster presented at the annual meeting of the Organization for Human Brain Mapping, Budapest, Hungary.
106. Quinn PC, Westerlund A, **Nelson CA** (2004, November). *Category representation in the human infant brain*. Paper presented at the Annual Meeting of the Psychonomic Society, Minneapolis, MN.
107. Hunt RH<sup>+</sup>, Couperus JW<sup>+</sup>, Townsend EL<sup>+</sup>, **Nelson CA**, Thomas KM<sup>+</sup> (2005, April). *Developmental differences in continuous recognition memory: An fMRI and ERP study of parametrically manipulated memory load*. Paper presented at the annual meeting of the Society for Research in Child Development, Atlanta, GA.
108. Kuefner D<sup>+</sup>, Macchi Cassia V, Westerlund A, Vogel V & **Nelson CA** (2005, April). *Face and non-face object perception at 3 months: ERP evidence for early neural specialization*. Poster presented at the Cognitive Neuroscience Society Annual Meeting, New York, NY.
109. Hunt RH<sup>+</sup>, Townsend EL<sup>+</sup>, Couperus JW<sup>+</sup>, **Nelson CA**, Thomas KM<sup>+</sup> (2005, April). *A developmental fMRI study of medial temporal lobe function: Differences in continuous recognition memory*. Poster presented at the annual meeting of the Society for Research in Child Development, Atlanta, GA.
110. Miller NC, DeBoer T<sup>+</sup>, Long JD, Bauer PJ, Georgieff MK, **Nelson CA** (2005, April). *Longitudinal Analysis of Elicited Imitation Performance in 12-, 18-, and 24-Month-Old Infants of Diabetic Mothers*. Poster presented at the Society for Research in Child Development, Atlanta, GA.
111. **Nelson CA** (2005, April). Development of Event-Related Potentials to Faces and Emotion Expressions in Institutionalized & Community Children in Romania. In **CA Nelson** (Chair), *The Efficacy of Foster Care in Ameliorating the Effects of Institutional Rearing: The Bucharest Early Intervention Project*. Symposium conducted at the meeting of the Society for Research in Child Development, Atlanta, GA.
112. **Nelson CA** (2005, April). Presentation. In L. Carver (Chair), *A critique of Developmental Social Cognitive Neuroscience*. Symposium conducted at the meeting of the Society for Research in Child Development, Atlanta, GA.
113. Zeanah CH, **Nelson CA**, Fox NA (2005, April). Early Experience and Brain Development: Bucharest Early Intervention Project. In R. McCall (Chair), *Developmental Consequences of Variations in Early Environments: The Bucharest and St. Petersburg (Russia) Orphanage Studies*. Symposium conducted at the meeting of the Society for Research in Child Development, Atlanta, GA.

114. Townsend EL<sup>+</sup>, Lohr JL, **Nelson** CA (2005, April). *Neurocognitive Sequelae of Repaired Cyanotic Congenital Heart Disease*. Poster presented at the Society for Research in Child Development, Atlanta, GA.
115. DeBoer T<sup>+</sup>, Bauer PJ, **Nelson** CA (2005, April). *Electrophysiological Investigation of Autobiographical Memory Development*. Poster presented at the annual meeting of the Cognitive Neuroscience Society Poster Presentation, New York, NY.
116. **Nelson** CA (2005, May). *Brain Development and Neural Plasticity: Examples from the Study of Early Institutional Rearing*. Paper presented as part of an invited symposium, Pediatric Academic Society, Washington, DC.
117. **Nelson** CA (2006, February). *The effects of early experience on brain-behavioral development*. Paper presented as part of an invited symposium, American Association for the Advancement of Science, St. Louis, MO.
118. Moulson MC<sup>+</sup>, Shannon RW, **Nelson** CA (2006, April). *The role of early experience in the development of face processing*. Poster presented at the Cognitive Neuroscience Society Annual Meeting, San Francisco, CA
119. Westerlund A, Algarin C, Peirano P, Lozoff B, **Nelson** CA (2006, April). *Cerebral executive function in preadolescents is affected by iron deficiency in infancy*. Poster presented at the Cognitive Neuroscience Society Annual Meeting, San Francisco, CA.
120. Jones EJ, Richmond J<sup>+</sup>, Pascalis O, Herbert JS, **Nelson** CA (April, 2006). *Neural correlates of recognition memory: The effects of a distal context change*. Poster presented at the Cognitive Neuroscience Meeting, San Francisco, CA.
121. deRegnier RA<sup>+</sup>, Worwa C, **Nelson** CA, Black LS<sup>+</sup> (May, 2006). *Neurophysiologic evidence of memory formation in the newborn infant*. Poster presented at the Society for Pediatric Research, San Francisco, CA.
122. Gunnar R, Pollak SD, **Nelson** CA (April, 2007). *Effects of early life stress on stress-sensitive neurobiological systems in post-institutionalized children*. Paper presented as part of a symposium entitled *The Effects of Early Life Stress on Socioemotional and Bio Behavioral Functioning* (Megan Gunnar, organizer), presented at the Society for Research in Child Development, Boston, MA.
123. Moulson MC<sup>+</sup>, Westerlund A, **Nelson** CA (April, 2007). *The effects of early adverse experiences on facial emotion recognition: A longitudinal ERP investigation*. Poster to be presented at the Society for Research in Child Development, Boston, MA.
124. **Nelson** CA (April, 2007). *The Development of Face Processing Depends on Experience-Expectant Mechanisms*. Paper presented as part of a symposium entitled *Organism/Environment Interactions in Infancy* (John Colombo, organizer) at the Society for Research in Child Development, Boston, MA.
125. Pollak SD, Gunnar MR, **Nelson** CA, Roeber BJ, Schlaak MF, Wewerka S (April, 2007). *Effects of early deprivation on neurocognitive development: Studies of children adopted from institutions*. Paper presented as part of a symposium entitled *The Effects of Early Deprivation on Neurocognitive Development* (Megan R Gunnar, organizer), presented at the Society for Research in Child Development, Boston, MA.
126. Townsend EL<sup>+</sup>, Thomas KM<sup>+</sup>, **Nelson** CA (April, 2007). *Hippocampal Functions in Childhood: A Brain-Based Approach to Studying the Development of Declarative Memory*. Poster presented at the Society for Research in Child Development, Boston, MA.
127. Westerlund A, Vogel-Farley V, Kuefner D<sup>+</sup>, DeBoer T<sup>+</sup>, Pena V, Mandel H, **Nelson** CA (April, 2007). *Does orientation influence the processing of familiar and unfamiliar faces in infants? Evidence from ERPs*. Poster to be presented at the Cognitive Neuroscience Society Annual Meeting, May, New York, NY
128. Zobel EJ, Pollak SD, Gunnar MR, Wewerka S, **Nelson** CA (April, 2007). *Neural Correlates of Response Inhibition Among Institutionalized Children*. Poster to be presented at the Society for Research in Child Development, Boston, MA.

129. **Nelson** CA (May 2007). *The Neural Bases of Memory Development*. Poster presented at Children's Hospital Faculty Research Seminar, Boston, MA.
130. Jorgenson LA, Hunt RH<sup>+</sup>, **Nelson** CA, Thomas KM<sup>+</sup> (May 2007). *A Developmental fMRI Study of Hippocampal Function: Recognition Memory in Typically Developing Children and Children of Diabetic Pregnancies*. Presented at Cognitive Neuroscience Society, New York, NY.
131. **Nelson** CA (October, 2007). *The Effects of Early Institutionalization on IQ, EEG and the Neural Correlates of Face and Emotion Processing*. Presented at a symposium entitled *Recovery from Severe Deprivation: Timing, Plasticity and Sensitive Periods* (C. Zeanah, organizer), at the American Academy of Child and Adolescent Psychiatry, Boston, MA.
132. **Nelson** CA, Tager-Flusberg H, Vogel-Farley V, Levin A, Casner L, Leezenbaum N (2008, March). *Electrophysiological assessment of the processing of familiar and unfamiliar stimuli in infants at risk for autism spectrum disorder or language impairment*. Symposium conducted at the International Conference on Infant Studies, Vancouver, BC.
133. Westerlund A, Hung K, **Nelson** CA (March 2008). *Differential processing of newborn and adult faces in 6-month-old infants: Evidence from ERPs*. Poster presented at the Biennial International Conference on Infant Studies, Vancouver, BC.
134. **Nelson**, CA (2008, April). *Early childhood development and later achievement*. Jacobs Foundations Conference, Marbach Castle, Konstanz, Germany.
135. Rafelson WM, McCleery JP<sup>+</sup>, Hubbard EM, **Nelson** CA (May 2008). *Neural connectivity in autism: A review of the neuroimaging data*. Poster presented at the 7<sup>th</sup> Annual International Meeting for Autism Research, London, UK.
136. Vogel-Farley V, **Nelson** CA, Tager-Flusberg H, Levin A, Casner L, Leezenbaum N (2008, May). *Electrophysiological correlates of processing native and non-native speech contrasts in infants at risk for autism spectrum disorders or language impairment*. Poster presented at the 7<sup>th</sup> Annual International Meeting for Autism Research, London, UK.
137. **Nelson** CA, Tager-Flusberg H, Vogel-Farley V, Levin A, Casner L, Leezenbaum N (2008, May). *Neural correlates of processing familiar and unfamiliar stimuli in infants at risk for autism spectrum disorders*. Poster presented at the 7<sup>th</sup> Annual International Meeting for Autism Research, London, UK.
138. Burden MJ, Westerlund A, Muckle G, Ayotte P, Dewailly E, **Nelson** CA, Jacobson SW, Jacobson JL (2008, November). The N2-P3 and ERN-P3 complexes in a go/no-go task: Implications for response inhibition and conflict monitoring. Poster presented at the *Annual Meeting of the Society for Neuroscience*, Washington, DC.
139. Burden MJ, Westerlund A, Muckle G, Ayotte P, Dewailly E, **Nelson** CA, Jacobson SW, Jacobson JL (2009, March). *True memory, false memory, and the effect of repeated items on event-related potentials regardless of memory*. Abstract submitted to the Cognitive Neuroscience Society, San Francisco, CA
140. Peltola MJ, Leppänen JM, Vogel-Farley V, Hietanen JK, **Nelson** CA (2009, April). *Fearful faces but not fearful eyes alone delay attention disengagement in 7-month-old infants*. Poster presented at the meeting of the Society for Research in Child Development, Denver, CO.
141. Westerlund A, **Nelson** CA (2009, April). *Processing of facial emotions improves with high quality foster care in post-institutionalized school-aged children in Romania*. Poster presented at the meeting of the Society for Research in Child Development, Denver, CO.
142. Evren Guler O, Frenn KA, Donzella B, Monn A, Clarke S, Gunnar MR, Pollak SD, **Nelson** CA, Thomas KM<sup>+</sup> (2009, April). *Effect of institutional deprivation on a continuous recognition memory task*. Poster presented at the meeting of the Society for Research in Child Development, Denver, CO.
143. Zeanah CH, Smyke AT, Fox NA, **Nelson** CA (2009, April). *Attachment in young children raised in Romanian institutions*. Symposium conducted at the meeting of the Society for Research in Child Development, Denver, CO.

144. Langworthy SE, Jorgenson LA, **Nelson** CA, Thomas KM<sup>+</sup> (2009, April). *Memory and pre-frontal function in children at risk for iron deficiency*. Poster presented at the meeting of the Society for Research in Child Development, Denver, CO.
145. Fox NA, Zeanah CH, Bos K<sup>+</sup>, Windsor J, **Nelson** CA (2009, April). *Effects of early deprivation on cognitive and language abilities: Follow-up to eight years of age in the BEIP*. Symposium conducted at the meeting of the Society for Research in Child Development, Denver, CO.
146. McDermott JM, Fox NA, Vanderwert RE, Moulson MC<sup>+</sup>, Westerlund A, **Nelson** CA (2009, April). *Intervention effects on socio-emotional processing skills of institutionalized children*. Symposium conducted at the meeting of the Society for Research in Child Development, Denver, CO.
147. Bos K<sup>+</sup>, Fox NA, Zeanah CH, **Nelson** CA (2009, April). *Memory and executive function in children with a history of institutional care*. Poster presented at the meeting of the Society for Research in Child Development, Denver, CO.
148. Balas B<sup>+</sup>, **Nelson** CA (2009, April). *ERP correlates of other-race face perception in 9-month-old infants*. Poster presented at the meeting of the Society for Research in Child Development, Denver, CO.
149. Bos K<sup>+</sup>, Fox NA, Zeanah CH, **Nelson** CA (2009, April). *Performance on intelligence subtests by children with a history of institutional care*. Poster presented at the meeting of the Society for Research in Child Development, Denver, CO.
150. Rifkin-Graboi A<sup>+</sup>, Westerlund A, Gregas M, Smyke AT, Zeanah CH, **Nelson** CA (2009, April). *An electrophysiological investigation of disorganized infants attention to caregivers*. Poster presented at the meeting of the Society for Research in Child Development, Denver, CO.
151. Riggins T, Miller NC, Bauer PJ, Georgieff MK, **Nelson** CA (2009, April). *Consequences of low neonatal iron status due to maternal diabetes mellitus on explicit memory*. Symposium conducted at the meeting of the Society for Research in Child Development, Denver, CO.
152. Balas B<sup>+</sup>, Shutts KB<sup>+</sup>, Westerlund A, **Nelson** CA (2009, April). *Complementarity between NIRS and ERPs in investigations of infant face processing*. Symposium conducted at the meeting of the Society for Research in Child Development, Denver, CO.
153. McDermott JM, Fox NA, Vanderwert RE, Zeanah CH, **Nelson** CA (2009, April). *Early deprivation impacts orienting and executive attention networks in middle childhood*. Symposium conducted at the meeting of the Society for Research in Child Development, Denver, CO.
154. Zobel E, Pollak SD, Gunnar MR, **Nelson** CA, Wewerka S, Donzella B (2009, April). *Effects of early neglect on the development of childrens inhibitory control*. Symposium conducted at the meeting of the Society for Research in Child Development, Denver, CO.
155. McCleery JP<sup>+</sup>, Singh C, Petrozziello G, **Nelson** CA. (2009, October). *Electrophysiological correlates of directed attention to face features*. Poster presented in Poster Session 1 at the 49th Annual Meeting of the Society for Psychophysiological Research, Berlin, Germany.
156. Choe M, **Nelson** CA, Grant E, Kalpathy K, Cavines V, Benasich A. (2009, October). *The MRI based volumetric analysis in neonate with perinatal hypoxic-ischemic brain injury: Hippocampus, amygdala, and thalamus*. Abstract presented at Society for Neuroscience Annual Meeting, Chicago IL.
157. Choe M, Krishnamoorthy K, Makris N, Kennedy D, Benasich AA, Caviness VS, **Nelson** CA, & Grant, PE. (2009, October) *The MRI based volumetric analysis in neonate with perinatal hypoxic-ischemic brain injury: Hippocampus, amygdala, and thalamus*. Poster presented at Society for Neuroscience Annual Meeting, Chicago IL.
158. Langworthy SE, Van Den Heuvel SE, Hunt RH, Georgieff MK, **Nelson** CA, & Thomas KM (2010). *Brain morphometry and executive function in children born with high birth weight*. Poster presented at the Human Brain Mapping Conference, Barcelona, Spain.
159. Congdon EL, Shutts K<sup>+</sup>, Westerlund A, Balas B<sup>+</sup>, & **Nelson** CA (2010, March). *Infants' processing of same versus other species faces: Insights from eye-tracking*. Poster presented at the 17<sup>th</sup> Biennial International Conference on Infant Studies, Baltimore MD.

160. Luyster R<sup>+</sup>, Wagner JB<sup>+</sup>, Augenstein T, Kasparian LM, Tager-Flusberg H, & **Nelson** CA (2010, May). *High risk infants behavioral and neural responses to fear: An eye tracking and visual ERP study*. Poster presented at the 9<sup>th</sup> International Meeting for Autism Research, Philadelphia PA.
161. Seery A<sup>+</sup>, Vogel-Farley V, Augenstein T, Casner L, Kasparian L, Tager-Flusberg H, & **Nelson** CA (2010, May). *A typical electrophysiological response and lateralization to speech stimuli in infants at risk for Autism Spectrum Disorder*. Oral session at the 9<sup>th</sup> International Meeting for Autism Research, Philadelphia PA.
162. Wagner JB<sup>+</sup>, Luyster R<sup>+</sup>, Tager-Flusberg H, & **Nelson** CA (2010, May). *High risk infants' visual scanning and attention disengagement in response to emotional faces*. Poster presented at the 9<sup>th</sup> International Meeting for Autism Research, Philadelphia PA.
163. Redcay E<sup>+</sup>, Coutier J, Meagher T, O'Young DR, Joseph B, Mavros PL, Vogel-Farley Vm Moran JM, Tager-Flusberg H, & **Nelson** CA (2010, May). *The neural correlates of gaze perception in adolescents with Autism Spectrum Disorder*. Poster presented at the 9<sup>th</sup> International Meeting for Autism Research, Philadelphia PA.
164. Gabard-Durnam L<sup>+</sup>, Tierney AL<sup>+</sup>, **Nelson** CA, & Tager-Flusberg H (2010, May). *Patterns of hemispheric asymmetry in EEG activity in infants at high risk for autism*. Poster presented at the 9<sup>th</sup> International Meeting for Autism Research, Philadelphia PA.
165. Tierney AL<sup>+</sup>, Gabard-Durnam L<sup>+</sup>, **Nelson** CA, & Tager-Flusberg H (2010, May), *Developmental pathways in EEG activity in infants at high risk for autism*. Poster presented at the 9<sup>th</sup> International Meeting for Autism Research, Philadelphia PA.
166. McCleery JP<sup>+</sup>, Vogel-Farley V, & **Nelson** CA (2010, May). *Atypical object processing in children with autism and its relationship to research diagnosis*. Poster presented at the 9<sup>th</sup> International Meeting for Autism Research, Philadelphia PA.
167. Luyster R<sup>+</sup>, Wagner JB<sup>+</sup>, Vogel-Farley V, Kasparian L, Tager-Flusberg H, & **Nelson** CA (2010, Nov). *Visual attention and neural response to faces in infants at high risk for Autism Spectrum Disorder*. Poster presented at the Society for Neuroscience on Autism, San Diego, CA.
168. McDermott JM<sup>+</sup>, Westerlund A, Moulson MM<sup>+</sup>, Fox NA, Zeanah CH, & **Nelson** CA (2010). *Early adversity and the development of face processing*. Paper presented at the Annual Meeting of the Society for Psychophysiological Research, Portland, OR.
169. Righi G<sup>+</sup>, Jeste SS<sup>+</sup>, & **Nelson** CA (2010, Nov). *How behavior and visual attention influence face sensitive ERP's*. Abstract presented at the Society for Neuroscience Nanosymposium, San Diego CA.
170. Choe MS, Takahashi E, Sliva D, Krishnamoorthy K, Benasich AA, **Nelson** CA, & Grant EP (2010). *Correlation between regional brain volume reduction and diffusion tractography in infants with perinatal hypoxic-ischemic brain injury*. Poster presented at the Society for Neuroscience, San Diego, CA.
171. Boucher O, Burden MJ, Muckle G, Saint-Amour D, Ayotte P, Dewailly E, **Nelson** CA, Jacobson SW, & Jacobson JL (2010). *Neuropsychologic evidence of beneficial effects of prenatal omega-3 fatty acids intake on visual recognition memory at school age*. Poster presented at the 15<sup>th</sup> World Congress of Psychophysiology, Budapest, Hungary.
172. **Nelson** CA (2010). Paper presented at invited symposium *Social inequality and educational disadvantage: New evidence on family and neighborhood factors*. Association for Public Policy Analysis and Management, Boston MA.
173. Luyster RL<sup>+</sup>, Wagner JB<sup>+</sup>, Tager-Flusberg H, & **Nelson** CA (2011, March). *Attention to upright and inverted faces in children 6-12 months of age: Are there associations with autism risk?* Poster presented at the Society for Research in Child Development Biennial Meeting, Montreal, Quebec, Canada.
174. Seery A<sup>+</sup>, Vogel-Farley V, Tager-Flusberg H, & **Nelson** CA (2011, March). *Atypical lateralization of electrophysiological response to language in infants at risk for ASD*. Poster presented at the Society for Research in Child Development Biennial Meeting, Montreal, Quebec, Canada.

175. Loman MM, Johnson AE, Westerlund A, Pollak SD, **Nelson CA**, & Gunnar MR (2011, April). *The effect of early deprivation on executive attention in middle childhood*. Poster presented at the Society for Research in Child Development Biennial Meeting, Montreal, Quebec, Canada.
176. Langworthy SE, Hunt RH, Georgieff MK, **Nelson CA**, & Thomas KM (2011, March). *Executive function in children of diabetic pregnancies*. Poster presented at the Society for Research in Child Development Biennial Meeting, Montreal, Quebec, Canada.
177. How CJ, Sheridan MA<sup>+</sup>, **Nelson CA** (2011, March). *An fMRI study of paired-associate learning in middle childhood and adulthood- connectivity with the hippocampus*. Poster presented at the Society for Research in Child Development Biennial Meeting, Montreal, Quebec, Canada.
178. Fox SE<sup>+</sup>, Wagner JB<sup>+</sup>, Luyster R<sup>+</sup>, Shrock CL<sup>+</sup>, Tager-Flusberg H, & **Nelson CA** (2011, April). *Functional connectivity of face and emotion processing: A novel NIRS approach to the study of infants at risk for autism*. Poster presented at the Society for Research in Child Development Biennial Meeting, Montreal, Quebec, Canada.
179. **Nelson CA** (2011, April). *Neural bases, genetics, and individual variations of emotion processing in infancy*. Presentation during paper symposium at the Society for Research in Child Development Biennial Meeting, Montreal, Quebec, Canada.
180. Sheridan MA<sup>+</sup>, How CJ, & **Nelson CA** (2011, March). *An fMRI study of paired-associate learning in childhood and adulthood: The developmental trajectory of binding in the hippocampus*. Paper symposium at the Society for Research in Child Development Biennial Meeting, Montreal, Quebec, Canada.
181. McDermott JM<sup>+</sup>, Vanderwert RE, Fox NA, **Nelson CA**, & Zeanah CH (2011, April). *The impact of institutionalization and foster care on the expression of children's response monitoring*. Paper symposium at the Society for Research in Child Development Biennial Meeting, Montreal, Quebec, Canada.
182. Righi G<sup>+</sup>, Tierney AL<sup>+</sup>, Tager-Flusberg H, & **Nelson CA** (2011, March). *Patterns of neural synchrony in infants at high-risk for autism in response to language relevant sounds*. Paper symposium at the Society for Research in Child Development Biennial Meeting, Montreal, Quebec, Canada.
183. **Nelson CA** (2011, March). *Orchids and dandelions: Beyond the metaphor*. Presentation at the Society for Research in Child Development Biennial Meeting, Montreal, Quebec, Canada.
184. Tierney AL<sup>+</sup>, Righi G<sup>+</sup>, Tager-Flusberg H, & **Nelson CA** (2011, March). *Gamma band coherence in response to language relevant stimuli in infants at risk for Autism Spectrum Disorder*. Paper presented at the Society for Research in Child Development Biennial Meeting, Montreal, Quebec, Canada.
185. Downing K, Concannon K, Vogel-Farley V, **Nelson CA**, & Tager-Flusberg H (2011, May). *Can the AOSI at nine months discriminate between infants at high or low risk for ASD?* Poster presented at the International Meeting for Autism Research, San Diego, CA.
186. Luyster R<sup>+</sup>, Wagner J<sup>+</sup>, Vogel-Farley V, Tager-Flusberg H, & **Nelson CA** (2011, May). *Using event-related potentials to explore age-related changes in infant responses to faces*. Poster presented at the International Meeting for Autism Research, San Diego, CA.
187. Seery A<sup>+</sup>, Talcott W<sup>+</sup>, Vogel-Farley V, Tager-Flusberg H, & **Nelson CA** (2011, May). *Electrophysiological response to words in infants at risk for ASD*. Poster presented at the International Meeting for Autism Research, San Diego, CA.
188. Wagner JW<sup>+</sup>, Luyster R<sup>+</sup>, Tager-Flusberg H, & **Nelson CA** (2012, May). *Visual scanning of familiar and unfamiliar faces in 12-month-olds later diagnosed with ASD*. Poster presented at the International Meeting for Autism Research, Toronto, Canada.
189. McCleery J, Vogel-Farley V, Stefanidou C, Utz S, & **Nelson CA** (2012, May). *Neural Correlates of Environmental Sound*. Poster presented at the International Meeting for Autism Research, Toronto, Canada.
190. Thompson, M.R, Tager-Flusberg H, & **Nelson CA** (2012, May). *Correspondance Between Maternal Concerns and Concurrent Infant Behavior in 12-Month-Old Infants At Risk for Autism*. Poster presented at the International Meeting for Autism Research, Toronto, Canada.

191. Luyster R<sup>+</sup>, Wagner JB<sup>+</sup>, Vogel-Farley V, Tager-Flusberg H, & **Nelson** CA (2012, May) *Do Children with ASD Show An Abnormal Neural Response to Faces At 12 Months of Age?* Poster presented at the International Meeting for Autism Research, Toronto, Canada.
192. Seery A<sup>+</sup>, Ayoub M<sup>+</sup>, Tager-Flusberg H, & **Nelson** CA (2012, May) *Event-Related Potentials to Known and Unknown Words in 18- and 24-Month-Olds At Risk for ASD.* Poster presented at the International Meeting for Autism Research, Toronto, Canada.
193. Keehn B<sup>+</sup>, Luyster R<sup>+</sup>, Vogel-Farley V, Tager-Flusberg H, & **Nelson** CA (2012, May) *Gamma-Band Activity and Coherence in Response to Familiar and Unfamiliar Faces in Infants At Risk for Autism Spectrum Disorder.* Poster presented at the International Meeting for Autism Research, Toronto, Canada.
194. **Nelson** CA (2013, March) *Atypical Face Processing in Children with Tuberous Sclerosis Complex.* Presented at the American Academy of Neurology 65th Annual Meeting, San Diego, CA.
195. Levin A<sup>+</sup>, **Nelson** CA (2013, May) *Resting State Quantitative EEG Differences at 3 Years of Age by Risk Status and Diagnostic Outcome for Autism Spectrum Disorders.* Presented at the International Meeting for Autism Research in Donostia-San Sebastian.
196. Siller M, **Nelson** CA (2013, April) *Marian Sigman's Enduring Influences as a Scientist and Mentor.* Presented at the SRCD Biennial Meeting in Seattle, WA.
197. Sheridan M, **Nelson** CA (2013, April) *Childhood socioeconomic disadvantage, neurobiological development and mental health over the life-course.* Presented at the SRCD Biennial Meeting in Seattle, WA.
198. Troller-Renfree S, **Nelson** CA (2013, April) *Neurocognitive Assessment of Executive Function in Nine-year-old Children Born to Diabetic Mothers.* Presented at the SRCD Biennial Meeting in Seattle, WA.
199. Sheridan M, **Nelson** CA (2013, April) *Childhood socioeconomic disadvantage, neurobiological development and mental health over the life-course.* Presented at the SRCD Biennial Meeting in Seattle, WA.
200. Chita-Tegmark C, **Nelson** CA (2013, April) *Developmental Changes in Language Processing in Infants at High Risk for ASD.* Presented at the SRCD Biennial Meeting in Seattle, WA.
201. Luyster R, **Nelson** CA (2013, April) *A within-subject comparison of sensitivity to emotional faces: Comparing brain and behavioral measures.* Presented at the SRCD Biennial Meeting in Seattle, WA.
202. Jabes A, **Nelson** CA (2013, April) *Electrophysiological and Behavioral Investigation of Spatial Memory Development.* Presented at the SRCD Biennial Meeting in Seattle, WA.
203. Luyster A, **Nelson** CA (2013, April) *A within-subject comparison of sensitivity to emotional faces: Comparing brain and behavioral measures.* Presented at the SRCD Biennial Meeting in Seattle, WA.
204. Keehn B, **Nelson** CA (2013, April) *Functional connectivity in the First Year of Life in Infants at High Risk for Autism: A Near Infrared Spectroscopy Study.* Presented at the SRCD Biennial Meeting in Seattle, WA.
205. Edwards L, **Nelson** CA (2013, April) *Neural Correlates of Imitation in Typically Developing Preschool-Aged Children.* Presented at the SRCD Biennial Meeting in Seattle, WA.
206. Troller-Renfree S, **Nelson** CA (2013, April) *Developmental changes in infant race perception over the first year of life: Insights from eye tracking.* Presented at the SRCD Biennial Meeting in Seattle, WA.
207. Miller N, **Nelson** CA (2013, April) *Atypical Face Processing in Infants at Risk for Autism Spectrum Disorders.* Presented at SRCD Biennial Meeting in Seattle, WA.
208. Wagner J, **Nelson** CA (2013, April) *Attention Disengagement as a Predictor of Later Social-Communicative Behavior in Infants at High Risk for Autism.* Presented at SRCD Biennial Meeting in Seattle, WA.
209. Perdue, K, Westerlund, A, Vanderwert, R, Ravicz, M, Montoya, L, & **Nelson**, CA (2013, September). *Development of emotional face processing in infants as measured with near-infrared spectroscopy.* Poster presented at the First International Congress for Integrative Developmental Cognitive Neuroscience, Pittsburgh, PA.
210. Varcin, K.J., Jeste, S.S., **Nelson**, C.A. (2014). *Early Visual Processing in Infants with Tuberous Sclerosis Complex.* Poster presented at the New Horizons in Brain Imaging Conference, March, Hawaii, USA.

211. Montoya, L., Vanderwert, R.E., Westerlund, A., McCormick, S.A., **Nelson, C.A.** (2014, April). *ERP Differences in Infants' Ability to Discriminate Emotions*. Poster presented at the Cognitive Neuroscience Society Conference, Boston, MA.
212. Perdue, K.L., Westerlund, A., Ravicz, M.M., **Nelson, C.A.** (2014, April). *Development of emotional face processing in infants as measured with near-infrared spectroscopy*. Poster presented at the Cognitive Neuroscience Society Conference, Boston, MA.
213. Ravicz, M.M., Perdue, K.L., Westerlund, A., **Nelson, C.A.** (2014, April). *Developmental and neural bases of happy face processing in infants: A study in fNIRS and temperament*. Poster presented at the Cognitive Neurosciences Society Conference, Boston, MA.
214. Edwards LA, Masyn KE, Luyster R, & **Nelson CA** (2014). *Early developmental trajectories of social communication in infants at risk for ASD*. Poster presented at the 13th Annual International Meeting for Autism Research, Atlanta, GA.
215. Wagner JB, Luyster RJ, Tager-Flusberg H, & **Nelson CA** (2014, May). *Increased pupil size to emotional faces in infants at high risk for autism as an early predictor of atypical development*. Talk presented at the International Meeting for Autism Research, Atlanta, GA.
216. Keehn B<sup>+</sup>, Martin J, Mumanachit S, Tager-Flusberg H, & **Nelson CA** (2014, May). *Behavioral and electrophysiological evidence of impaired social orienting in 'unaffected' siblings of children with autism spectrum disorder*. Poster presented at the International Meeting for Autism Research, Atlanta, GA.
217. Miguel HO, Westerlund A, McCormick S, & **Nelson C** (2014, May). *Developmental trajectory of face processing for positive and negative emotions: Where do babies look?* Poster presented at the 4<sup>th</sup> UK Pediatric Neuropsychology Symposium, UCL Institute of Child Health, London.
218. **Nelson CA** (2014, May). *Mean EEG coherence in infants at risk for autism spectrum disorder*. Poster presented at the American Academy of Neurology 66<sup>th</sup> Annual Meeting, Philadelphia, PA.
219. **Nelson CA** (2014, May). *Delayed low level visual processing in infants with Tuberous Sclerosis Complex (TSC)*. Poster presented at The American Academy of Neurology 66<sup>th</sup> Annual Meeting, Philadelphia, PA.
220. Varcin, K.J. & **Nelson, C.A.** (2014). *Educational symposium on brain development - A Tutorial on Brain Development*. Talk given at the International Meeting for Autism Research (IMFAR), May, Atlanta, GA.
221. Keehn, B., Martin, J., Mumanachit, S., Tager-Flusberg, H., & **Nelson, C.A.** (2014). *Behavioral and electrophysiological evidence of impaired social orienting in 'unaffected' siblings of children with autism spectrum disorder*. Poster presented at the International Meeting for Autism Research, May, Atlanta, GA.
222. Wagner JB<sup>+</sup>, Luyster RJ, Tager-Flusberg H, & **Nelson CA** (2014, July). *Early associations between eye-tracking and electrophysiological measures of familiar face processing*. Poster presented at the biennial meeting of the international conference on infant studies, Berlin, Germany.
223. Vanderwert RE<sup>+</sup> & **Nelson CA** (2014, July). *Attentional response to emotion faces is modulated by infant temperament*. Poster accepted at the International Conference on Infant Studies, Berlin, Germany.
224. Perdue, K.L., Westerlund, A., Cataldo, J.K., **Nelson, C.A.** (2014, October). *Quantification of head motion during infant near-infrared spectroscopy sessions for motion correction strategy selection*. Poster presented at Functional Near-Infrared Spectroscopy Conference, Montreal, Canada.
225. Perdue, K.L., Westerlund, A., Ravicz, M.M., **Nelson, C.A.** (2014, October). *Age-dependence of emotional face processing in infants as measured with near-infrared spectroscopy*. Poster presented at Functional Near-Infrared Spectroscopy Conference, Montreal, Canada.
226. Varcin, K.J., **Nelson, C.A.** (2014). *Using EEG to characterize early development*. Invited talk at the EGI Workshop on EEG Technology in the Treatment of Childhood Psychiatric Disorders, October, Beijing, China.
227. Varcin KJ, Jeste SS, **Nelson CA.** (2014). *Visual Processing in Infants with Tuberous Sclerosis Complex*. Poster presented at the Child Neurology Society Annual Meeting, October, Columbus, OH.

228. Wagner, J., Luyster, R., Tager-Flusberg, H., & **Nelson, C.** (2014). *Increased pupil size to emotional faces in infants at high risk for autism as an early predictor of atypical development.* Presented at the International Meeting for Autism Research, Atlanta, GA.
229. Edwards, L., Masyn, K., Luyster, R., & **Nelson, C.** (2014). *Early developmental trajectories of infants at risk for autism spectrum disorder.* Presented at the International Meeting for Autism Research, Atlanta, GA.
230. McCormick, S.A., Westerlund, A., Vanderwert, R.E., Dinardo, P.B., **Nelson, C.A.** (2015) *Discrimination of Negative and Positive Emotions in the First Year of Life: An ERP Study.* Poster presented at the Society for Research in Child Development Biennial Meeting, March, Philadelphia, PA.
231. Keehn, B., Mumanachit, S., Tager-Flusberg, H., & **Nelson, C.A.** (2015). *Impaired social orienting in 'unaffected' siblings of children with autism spectrum disorder: A behavioral and event-related potential study.* Paper presented at the biennial meeting the Society for Research in Child Development, March, Philadelphia, PA.
232. Varcin KJ, Jeste SS, **Nelson CA.** (2015). *Electrophysiological Markers of Autism Spectrum Disorder in Infants with Tuberous Sclerosis Complex.* Poster presented at the Society for Research in Child Development (SRCD) Biennial Meeting, March, Philadelphia, PA.
233. Varcin, K.J. Jeste, S.S., **Nelson, C.A.** (2015). *Electrophysiological and behavioral approaches to characterize early development in Tuberous Sclerosis Complex.* Invited talk at the 'Translational Research Program 'Monthly Autism Meeting' Seminar, F.M. Kirby Neurobiology Center, Boston Children's Hospital, Harvard Medical School, May. Boston, USA.
234. Varcin KJ, Jeste SS, **Nelson CA.** (2015). *Neurophysiological Markers of Autism Spectrum Disorder in Infants with Tuberous Sclerosis Complex.* Poster presented at the International Meeting for Autism Research (IMFAR), May, Salt Lake City, UT, USA.
235. Perdue, K.L., Westerlund, A., McCormick, S.A., Ravicz, M.M., **Nelson, C.A.** (2015). *Age-dependence of emotional face processing in infants as measured with functional near-infrared spectroscopy.* Poster presented at the Organization for Human Brain Mapping Conference, June, Honolulu, HI.
236. Perdue, K.L., Westerlund, A., Cataldo, J.K., **Nelson, C.A.** (2015). *Motion correction algorithm assessment and recommendations for infant fNIRS studies.* Poster presented at the Organization for Human Brain Mapping Conference, June, Honolulu, HI.
237. Varcin, K.J., Tager-Flusberg, H., **Nelson, C.A.** (2015). *EEG risk markers in infant siblings.* Invited talk at the UCLA Infant Sibling Meeting, Ahmanson-Lovelace Brain Mapping Center, July, University of California, Los Angeles, USA.
238. Varcin, K.J., Jeste, S.S., **Nelson, C.A.** (2015). *Visual social perception in Tuberous Sclerosis Complex.* Invited talk at the International TSC Research Conference, September, Windsor, UK.
239. Levin, A.R., O'Leary, H., Varcin, K.J., Crossman, M., Tager-Flusberg, H., & **Nelson, C.A.** (2015). *Trajectories of EEG Frontal Gamma Power in Infants at Risk for Autism Spectrum Disorder.* Presented at Baby Siblings Research Consortium, October, Chicago, IL.
240. Varcin, K.J., Levin, A.R., O'Leary, H., Tager-Flusberg, H., **Nelson, C.A.** (2015). *Differences in EEG power are present by 3 months in infants at high-risk for ASD.* Talk given at the Baby Siblings Research Consortium Annual Meeting, October, Chicago, USA.
241. Moustapha, H., Wagner, J., Luyster, R., Tager-Flusberg, H., & **Nelson, C.A.** (2015). *Increased attention to eyes relates to worse communication ability one year later in infants at high risk for autism spectrum disorder.* Presented at the 27th American Psychological Society Annual Convention, New York, New York.
242. Varcin, K.J., Jeste, S.S., **Nelson, C.A.** (2016). *Characterizing early developmental trajectories and social communication profiles in tuberous sclerosis complex.* Oral presentation given as part of panel symposium titled, 'Can rare disorders pave the way to targeted interventions for ASD and ID? Insights gained

- from Fragile X Syndrome, Tuberous Sclerosis Complex and Dup15q Syndrome. Gatlinburg Conference, March, San Diego, CA, USA.
243. Levin, A.R., O'Leary, H., Varcin, K.J., Crossman, M., Tager-Flusberg, H., **Nelson, C.A.** (2016). *Altered Development of Frontal Gamma Power in Infants Later Diagnosed with Autism Spectrum Disorder*. Poster presented at the Child Neurology Society Annual Meeting, October, Washington DC.
  244. Varcin, K.J. & **Nelson, C.A.** (2016). *Why the early years are important for the development of neurocognition*. Invited talk at the Mead Johnson Pediatricians Continuing Medical Education Conference, April, Cancun, Mexico.
  245. McCormick, S.A., Westerlund, A., Bowman, L.C., Dinardo, P.B., Zhou, A.M., **Nelson, C.A.** (2016). *Discrimination of Emotional Faces in Infancy and Early Childhood: A Longitudinal ERP Study*. Poster presented at the International Conference on Infant Studies, May, New Orleans, LA.
  246. Vanderwert, R.E., McCormick, S.A., Dinardo, P.B., Westerlund, A., **Nelson, C.A.** (2016). *Attentional response to emotion faces is modulated by infant temperament*. Talk presented at the International Conference on Infant Studies, May, New Orleans, LA.
  247. Bowman, L.C., McCormick, S.A., Westerlund, A., Dinardo, P.B., Zhou, A.M., **Nelson, C.A.** (2016). *Infant predictors of childhood social competence: The role of temperament and neural correlates of emotion-perception*. Poster presented at the International Conference on Infant Studies, May, New Orleans, LA.
  248. Perdue, K.L., Cataldo, J.K., Westerlund, A., McCormick, S.A., **Nelson, C.A.** (2016). *Age-dependence of emotional face processing in infants as measured with functional near-infrared spectroscopy*. Talk presented at the International Conference of Infant Studies, May, New Orleans, LA.
  249. Perdue, K., Kumar, S., Westerlund, A., Lloyd-Fox, S., Elwell, C., & **Nelson, C. A.** (2016). *Using fNIRS to assess social cognition in urban Bangladeshi infants and toddlers*. Poster presented at the International Conference on Infant Studies, May, New Orleans, LA.
  250. Vanderwert, R.E., McCormick, S.A., Dinardo, P.B., Westerlund, A., & **Nelson, C.A.** (2016). *Intersections between negative affect and attention: Implications for emotional development*. Paper presented at the Biennial International Conference on Infant Studies, May, New Orleans, LA.
  251. Bowman, L.C., McCormick, S.A., Westerlund, A., Dinardo, P.B., Zhou, A.M., **Nelson, C.A.** *Infant predictors of childhood internalizing: the role of temperament and neural correlates of emotion-perception.* (2016). Talk presented at the International Conference on Infant Studies, May, New Orleans, LA.
  252. Varcin, K.J., Jeste, S.S., **Nelson, C.A.** (2016). *Characterizing early developmental trajectories in tuberous sclerosis complex*. Oral presentation at the International Meeting for Autism Research, May, Baltimore, MD, USA.
  253. Varcin, K.J., Levin, A.R., O'Leary, H., Tager-Flusberg, H., **Nelson, C.A.** (2016). *Differences in EEG Power at 3 Months Distinguish Infants at High-Versus Low Risk for ASD*. Poster presentation at the International Meeting for Autism Research, May, Baltimore, MD, USA.
  254. Jensen, S.K.G., Kumar, S. & **Nelson, C.A.** (2016). *Early electrophysiological and behavioural sequelae of broad-spectrum early adversity in urban Bangladesh*. Poster presented at Early experience and sensitive periods in development, August, Erice, Italy.
  255. Baczewski, L.M., Jeste, S.S., **Nelson, C.A.**, Varcin, K. (2016). *Eye tracking as a measure of developmental outcomes in Tuberous Sclerosis Complex*. Poster presented at Harvard Medical School Neurodevelopmental Disorders Symposium, September, Boston, MA.
  256. Perdue, K.L., Cataldo, J.K., McCormick, S.A., Westerlund, A., **Nelson, C.A.** (2016). *fNIRS reveals distinct infant emotional face processing*. Talk presented at the Functional Near-Infrared Spectroscopy Conference, October, Paris, France.
  257. Perdue, K., Kumar, S., Westerlund, A., Cataldo, J., & **Nelson, C. A.** (2016). *Resting State fNIRS with awake infants and children*. Society for functional Near-Infrared Spectroscopy Meeting, October, Paris, France.

258. Stamoulis, C, Dinardo, P.B., Westerlund, A, **Nelson, C.A.** (2016). *Dynamic changes in brain network activation during emotional face processing in the developing brain*. Poster presented at Society for Neuroscience, November, San Diego, CA.
259. Roche, K.R., LeBlanc, J.J., Levin, A.R., O'Leary, H.M., Baczewski, L.M., & **Nelson, C.A.** (2016). *Baseline EEG characteristics in girls with Rett syndrome*. Poster presented at New Directions in Neurodevelopmental Disorders Symposium, November, Boston, MA.
260. Mendez Leal, A., Levin, A.R., Tarullo, A.R., Obradovic, J., Yousafzai, A.K., & **Nelson, C.A.** (2016). *Evaluating phase-amplitude coupling as a marker of cognitive development in rural Pakistani children*. Poster presented at the Neurodevelopmental Disorders Symposium, November, Boston MA.
261. Varcin, K.J., Levin, A.R., O'Leary, H.M., Tager-Flusberg, H., **Nelson, C.A.** (2016). *Frontal power is associated with risk for autism spectrum disorder*. Oral presentation at the Australasian Society for Autism Research conference, December, Perth, WA, Australia.
262. Levin, A.R., O'Leary, H., Varcin, K.J., Crossman, M., Tager-Flusberg, H., **Nelson, C.A.** (2016). *Trajectories of Frontal Gamma Power from 3 to 36 Months in Infants Later Diagnosed with Autism Spectrum Disorder*. Presented at the International Meeting for Autism Research, Baltimore, MD.
263. Finch, K.H., Seery, A., Talbott, M., Tager-Flusberg, H. & **Nelson, C.A.** (2016). *Lateralization to Speech Stimuli and Handedness in Early Development of Autism Spectrum Disorder*. Poster presented at International Meeting for Autism Research, Baltimore, MD.
264. Finch, K.H., Talbott, M., Tager-Flusberg, H. & **Nelson, C.A.** (2016). *A Handy Guide to Measuring Handedness in 36-month-olds with and without Autism Spectrum Disorder*. Poster presented at Biennial International Conference on Infant Studies. New Orleans, LA.
265. Bayet L., Pruitt Z., Cataldo J., Cichy R. M., **Nelson C. A.**, & Aslin R. N. (2016). *Time resolved EEG predicts classification of visual objects in the infant brain*. Flux Conference, Saint Louis, MO.
266. Roche, K.R., LeBlanc, J.J., Levin, A.R., O'Leary, H.M., Baczewski, L.M., & **Nelson, C.A.** (2017). *The stability of electroencephalographic spectral power in girls with Rett syndrome*. Poster presented at Boston Children's Hospital Translational Neuroscience Center Symposium, April, Boston, MA.
267. Roche, K.R., LeBlanc, J.J., Levin, A.R., O'Leary, H.M., Baczewski, L.M., & **Nelson, C.A.** (2017). *Electroencephalographic spectral power as a marker of cortical function and disease severity in girls with Rett syndrome*. Poster presented at The American Academy of Neurology Annual Meeting, April, Boston, MA.
268. McCormick, S.A., Westerlund, A., Bowman, L.C., Zhou, A.M., Cataldo, J.K., **Nelson, C.A.** (2017). *Neural Correlates of Emotional Face Processing and Anxious Behaviors in Early Childhood*. Poster presented at the Society for Research in Child Development April, Austin, Texas.
269. Bayet, L., Zhou, A.M., Cataldo, J.K., Westerlund, A., Aslin, R., Leppanen, J.L., & **Nelson, C.A.** (2017). *Early development of facial emotion processing*. Paper presented at the Face Processing pre-conference at the Biennial Meeting of the Society for Research in Child Development, April, Austin, TX.
270. Berens, A.E., Jensen, S.K.G., Kumar, S., Westerlund, A., Perdue, K.L., **Nelson, C.A.** (2017). *Contextualizing early childhood adversity in urban Bangladesh & characterizing effects on cognition & executive functioning*. Paper presented at the Biennial Meeting of the Society for Research in Child Development, April, Austin, TX.
271. Jensen, S.K.G., Kumar, S., Westerlund, A., Perdue, K.L., Berens, A.E., **Nelson, C.A.** (2017). *Impact of poverty and associated biological and psychosocial adversity on EEG power in young children in poor urban Bangladesh*. Paper presented at the Biennial Meeting of the Society for Research in Child Development, April, Austin, TX.
272. Perdue, K.L., Kumar, S., Westerlund, A., Lloyd-Fox, S., Elwell, C.E., **Nelson, C.A.** (2017). *Using fNIRS to assess social cognition in urban Bangladeshi toddlers*. Paper presented at the Biennial Meeting of the Society for Research in Child Development, April, Austin, TX.

273. Wang, Y., Kumar, S., Sliva, D.D., Mauer, M.V., Westerlund, A. **Nelson**, C.A., Gaab, N. (2017). *Atypical brain development in Bangladeshi infants exposed to profound early adversity*. Paper presented at the Biennial Meeting of the Society for Research in Child Development, April, Austin, TX.
274. Baczewski, L.M., Jeste, S.S., **Nelson**, C.A., Varcin, K. (2017). *Eye tracking as a measure of developmental outcomes in Tuberous Sclerosis Complex*. Poster presented at Society of Research in Child Development (SRCD) Biennial Meeting, April, Austin, TX.
275. Finch, K.H., Tager-Flusberg, H., & **Nelson**, C.A. (2017). *Electrophysiological Responses to Words in Three-Year-Olds with and without Autism Spectrum Disorder*. Poster presented at Biennial Meeting of Society for Research in Child Development, April, Austin, TX.
276. Finch, K.H., Talbott, M.R., **Nelson**, C.A., & Tager-Flusberg, H. (2017). *Handedness and Language Abilities in Preschoolers*. Poster presented at Biennial Meeting of Society for Research in Child Development, April, Austin, TX.
277. Bayet L., Zinszer B., Cataldo C., Wu R., **Nelson** C. A., & Aslin R. N (2017). *Multivariate analysis of EEG for face perception research: Implications for learning and development*. Pre-conference program on face processing. Biennial Meeting of the Society for Research in Child Development, April, Austin, TX.
278. Bayet L., Cataldo J., Reilly E., Cichy R. M., **Nelson** C. A., & Aslin R. N. (2017) *Time-resolved classification of EEG data : Probing the time-course of higher-order visual representations in the infant brain*. Biennial Meeting of the Society for Research in Child Development (SRCD), April, Austin, TX.
279. Patil, P., Queiros, F., Bick, J., Porto, J., Lucena, R., Luk, G., **Nelson**, C. (2017). *Brazil youth exposed to poverty, differential development of executive functions*. Poster presented at the Biennial Conference of the Society for Research in Child Development, April, Austin, TX.
280. Bowman, L.C., McCormick, S.A., Westerlund, A., Dinardo, P.B., Zhou, A.M., Cataldo, J.K., **Nelson**, C.A. (2017). *Infant predictors of social competence in preschool children: The role of temperament and neural correlates of emotion-perception over the first 3 years of life*. Talk presented at the Association for Psychological Science Annual Convention, May, Boston, MA.
281. Wilkinson, C.L., Levin, A., O'Leary, H., Tager-Flusberg, H., and **Nelson**, C (2017). *Early Childhood Longitudinal EEG Analysis to Investigate Neural Correlates of Language in Children at Risk for Autism*. Poster presented at the International Meeting for Autism Research, May, San Francisco, CA.
282. Levin, A.R., O'Leary, H.M., Mendez Leal, A., Acosta, A., Varcin, K.J., Mayor Torres, J.M., Tager-Flusberg, H., & **Nelson**, C.A. (2017). *EEG Variability at 3 Months Correlates with Autism Outcomes*. International Meeting for Autism Research, May, San Francisco, CA.
283. Varcin, K.J., Dickinson, A., Frohlich, J., Senturk, D., Huberty, S., Baczewski, L.M., **Nelson**, C.A., & Jeste, S.S. (2017). *Electrophysiological Markers of ASD in infants with Tuberous Sclerosis Complex: A Genetics-First Approach to the Search for Predictive Biomarkers*. Poster presented at International Meeting for Autism Research (IMFAR), May, San Francisco, CA.
284. Finch, K.H., Seery, A.M., Tager-Flusberg, H., & **Nelson**, C.A. (2017). *Do Toddlers at Familial Risk for ASD Differ in their Electrophysiological Responses to Known and Unknown Words?* Poster presented at International Meeting for Autism Research, May, San Francisco, CA.
285. Keehn, B., Wagner, J., Tager-Flusberg, H., & **Nelson**, C.A. (2017). *'Sticky attention' and the development of impaired social orienting and atypical arousal regulation in infants at high risk for ASD*. Poster presented at the International Meeting for Autism Research, May, San Francisco, CA.
286. Patil, P., Queiros, F., Bick, J., Porto, J., Lucena, R., Luk, G., **Nelson**, C. (2017). *Brazilian children in extreme poverty: Potential mechanisms for the co-development of executive functions and language*. Poster accepted for the Annual Meeting of the American Psychological Association, August, Washington, D.C.
287. Behrendt, H.F., Perdue, K.L., and **Nelson**, C.A. (2017). *Motion correction for infant functional near-infrared spectroscopy*. Mexican Symposium on NIRS Neuroimaging, October, Cholula, Mexico.

288. Wilkinson, C.L., Levin, A., O’Leary, H., Tager-Flusberg, H., and **Nelson**, C.A. (2017). *Sex difference in toddlers at high risk for Autism Spectrum Disorder*. Society for Developmental Behavioral Pediatrics, October, Cleveland, OH.
289. Bayet L., Pruitt Z., Cichy R. M., **Nelson** C. A., & Aslin R. N. (2017). *Dynamics of audiovisual representations in the adult brain using a child-friendly stimulus set*. Cognitive Computational Neuroscience (CCN), Columbia University, New York, NY.
290. Cataldo, J., Perdue, K., Almanza, R., Behrendt, H., and **Nelson**, C.A. (2018). *Patterns of neural response during emotional face processing in 3-year-old children: a functional near-infrared spectroscopy study*. Cognitive Neuroscience Society Conference, March, Boston, MA.
291. Patil, P., Queiros, F., Bick, J., Porto, J., Lucena, R., Luk, G., **Nelson**, C. (2018). *Brazil youth exposed to poverty: Reconsidering the deficit model of cognitive and language development*. Comparative International Education, March, Mexico City, Mexico.
292. Xie, W., Kumar, S., Westerlund, A., Kakon, S.H., Haque, R., Petri, W., & **Nelson**, C.A. (2018). *Stunted growth influences brain functional connectivity in urban Bangladeshi children exposed to early adversities*. Flux Satellite Conference, University of North Carolina, May, Chapel Hill, NC.
293. Finch, K.H., Tager-Flusberg, H., & **Nelson**, C.A. (2018). *Do Infants at Risk for ASD Attend More to the Mouth when Watching Dynamic Videos?* International Society for Autism Research Annual Meeting, May, Rotterdam, Netherlands.
294. Finch, K.H., Tager-Flusberg, H., & **Nelson**, C.A. (2018). *Understanding the link between Language Abilities, Broader Autism Phenotype, and Atypical ERPs to Words in Toddlers with and without ASD*. International Society for Autism Research Annual Meeting, May, Rotterdam, Netherlands.
295. Choi, B., Shah, P., Rowe, M., **Nelson**, C., & Tager-Flusberg, H. (2018). *Gesture development, caregiver responsiveness, and language in infants at risk for autism*. International Society for Autism Research, May, Rotterdam, Netherlands.
296. Shah, P., Choi, B., Rowe, M., **Nelson**, C., & Tager-Flusberg, H. (2018). *Maternal gestures and infant responses in high- and low-risk for autism spectrum disorder dyads*. International Society for Autism Research, May, Rotterdam, Netherlands.
297. Wagner, J. B., Ahilan, A., Tager-Flusberg, H., & **Nelson**, C. A. (2018). *Trajectories of social attention in infants at high risk for ASD*. International Meeting for Autism Research, May, Rotterdam, Netherlands.
298. Ferradal, S., Vyas, R., El-Dib, M., Sutin, J., Pierce, L., Blackwell, S, Yi, F., Chimileski, B., Schlink, L., Ha, C., Morton, S.U., Hansen, A., **Nelson**, C., Soul, J., Iner, T.E., Lin, P-Y., & Grant, P.E. (2018). *Longitudinal assessment of cerebral metabolism in neonates at risk for hypoxic-ischemic encephalopathy*. Pediatric Academic Societies (PAS) Meeting, May, Toronto, ON.
299. Pierce, L.J., Reilly, E., & **Nelson**, C.A. (2018). *Stress exposure impacts child vocalizations and parent-child interactions in the first year of life*. International Congress of Infant Studies (ICIS) conference, June, Philadelphia, PA.
300. Pierce, L.J., Thompson, B., Gharib, A., Schlueter, L., Itti, L., Levitt, P., & **Nelson**, C.A (2018). *Investigating EEG power as a biomarker for stress exposure during the first year of life*. International Congress of Infant Studies (ICIS) conference, June, Philadelphia, PA.
301. Reilly, E., Pierce, L., Leppänen, J. M., Gharib, A., Thompson, B., Schlueter, L., Levitt, P., & **Nelson**, C. A. (2018). *Infant attention to facial expressions varies with maternal perceived stress*. International Congress of Infant Studies (ICIS) conference, June, Philadelphia, PA.
302. Bayet L., Zinszer B., Cataldo C., Reilly E., Cichy R. M., Balas B., **Nelson** C. A., & Aslin R. N. (2018). *Probing the time-course and properties of higher-order visual representations in the developing brain with multivariate EEG decoding*. In « *Extracting neural representations from EEG and fNIRS signals for studies of development and learning* ». Biennial Meeting of the International Society on Infant Studies (ICIS), July, Philadelphia, PA.

303. Bayet L., Cataldo J., Bosquet Enlow M., & **Nelson** C. A. (2018). *Individual differences in Event-Related Potentials to emotional faces from infancy to 3 years : Developmental stability and relation with risk for anxiety*. In « *Threat perception from infancy to the preschool period : Behavioral and neuroimaging perspectives* ». Biennial Meeting of the International Society on Infant Studies (ICIS), July, Philadelphia, PA.
304. Xie, W., McCormick, S., Westerlund, A., Bowman, L., Cataldo, J., Zhou, A., and **Nelson**, C.A. (2018). *The development of cortical source responses to emotional expressions in the first year of life*. International Conference on Infant Studies, July, Philadelphia, PA.
305. Turesky, T., Jensen, S., Kumar, S., Yu, X., Wang, Y., Gagoski, B., Silva, D., Sanfilippo, J., **Nelson**, C., & Gaab, N. (2018). *The relationship between poverty and resting-state functional connectivity in 2-month old Bangladeshi infants*. FLUX Congress, September, Berlin, Germany.
306. Patil, P., Queiros, F., Bick, J., Porto, J., Lucena, R., Luk, G., **Nelson**, C. (2018). *Brazil Youth Exposed to Persistent Poverty: Differential Development of Executive Functions*. Flux: The Society for Developmental Cognitive Neuroscience, September, Berlin, Germany.
307. Gabard-Durnam L.J., Tager-Flusberg, H., & **Nelson**, C.A. (2018). *An EEG biomarker quantifying sensitive period onset in Autism Spectrum Disorder*. Society for Neuroscience, November, San Diego, CA.
308. Gabard-Durnam L.J., Hensch, T.K., Tager-Flusberg, H., & **Nelson**, C.A. (2019). *Translating measures of sensitive period onset to inform disordered development*. Eastern Psychology Association Annual Meeting, February, New York, NY.
309. Xie, W., Kumar, S., Westerlund, A., Kakon, S.H., Haque, R., Petri, W.A., & **Nelson**, C.A. (2019). *Stunted growth influences brain functional connectivity in urban Bangladeshi children exposed to early adversities*. Biennial Conference of the Society for Research in Child Development, March, Baltimore, MD.
310. Choi, B., Rowe, M. L., **Nelson**, C. A., & Tager-Flusberg, H. (2019). *Parent input and language skills in infants at high and low risk for autism*. Poster presentation at Society for Research in Child Development, March, Baltimore, MD.
311. Wagner, J., Perdue, K., Tager-Flusberg, H., & **Nelson**, C.A. (2019). *Differential Neural Processing of Identity and Emotion in Infancy is Associated With Later Social Development*. Poster presentation at Society for Research in Child Development, March, Baltimore, MD.
312. Bayet, L., Perdue, K., Behrendt, H., Cataldo, J., Almanza, R., Richards, J., & **Nelson**, C.A. (2019). *Perception of Facial Emotions of Varying Intensities in 3-Year-Olds*. Poster presentation at Society for Research in Child Development, March, Baltimore, MD.
313. Perdue, K., Jensen, S., Kumar, S., Richards, J., Kakon, S., Haque, R., Petri, W., Lloyd-Fox, S., Elwell, C., & **Nelson**, C.A. (2019). *Using fNIRS to assess cognition in urban Bangladeshi infants and toddlers*. Oral presentation at Society for Research in Child Development, March, Baltimore, MD.
314. **Nelson**, C.A. (2019). *Recovery from profound early psychosocial neglect 16 years after placement into institutional care*. Oral presentation at Society for Research in Child Development, March, Baltimore, MD.
315. Buzzell, G., Troller-Renfree, S., Debnath, R., Tang, A., Zeanah, C., **Nelson**, C.A., & Fox, N. (2019). *RCT of foster care leads to improvements in control-related theta oscillations over one decade later*. Oral presentation at Society for Research in Child Development, March, Baltimore, MD.
316. McLaughlin, K., Sheridan, M., Fox, N.A., Zeanah, C., & **Nelson**, C.A. (2019). *Early deprivation and white matter development: Two conceptual models in the context of an RCT*. Oral presentation at Society for Research in Child Development, March, Baltimore, MD.
317. Troller-Renfree, S., Buzzell, G., Zeanah, C., **Nelson**, C.A., & Fox, N. (2019). *Relations among early psychosocial deprivation, error monitoring, and externalizing symptomology*. Oral presentation at Society for Research in Child Development, March, Baltimore, MD.
318. Sheridan, M., McLaughlin, K., McKay, K., Snyder, J., Zeanah, C., Fox, N., & **Nelson**, C.A. (2019). *Randomization into family care rescues grey matter thickness observed as a function of early institutionalization*. Oral presentation at Society for Research in Child Development, March, Baltimore, MD.

319. Tang, A., Slopen N., **Nelson**, C.A., Zeanah, C., & Fox, N. (2019). *Externalizing trajectories predict elevated inflammation among adolescents exposed to early institutional rearing*. Oral presentation at Society for Research in Child Development, March, Baltimore, MD.
320. **Nelson**, C.A. (2019). *Recovery from profound early psychosocial neglect 16 years after placement into institutional care*. Oral presentation at Society for Research in Child Development, March, Baltimore, MD.
321. **Nelson**, C.A. (2019). *Commentary on sensitive periods in development shaping risk for psychopathology across the life course*. Oral presentation at Society for Research in Child Development, March, Baltimore, MD.
322. Jeste, S., Hyde, C., **Nelson**, C., & Kasari, C (2019). *JASPER Early Intervention in TSC (JETS): Methods to enhance study participation and scalability in rare disorders*. American Academy of Neurology 71st Annual Meeting, May, Philadelphia, PA.
323. Choi, B., Rowe, M. L., **Nelson**, C. A., & Tager-Flusberg, H. (2019). *Reciprocal influences between parent input and language skills in infants at high and low risk for autism*. Oral presentation at International Society for Autism Research, May, Montreal, Canada.
324. Lauze, M., Choi, B., **Nelson**, C. A., & Tager-Flusberg, H. (2019). *Maternal depressive symptoms and linguistic input to infants at high or low risk for autism spectrum disorder*. Poster presentation at International Society for Autism Research, May, Montreal, Canada.
325. Desjardins, J., van Noordt, S., Huberty, S., A-Abbas, L., & The BUCANL Team, Evans, A.C., Johnson, M.H., **Nelson**, C.A., Webb, S.J., Jones, E.J., Tager-Flusberg, H., Jeste, S., Levin, A.R., Segalowitz, S.J., & The BASIS team, Elsabbagh, M., & Charman, T. (2019). *EEG Integrated Platform (EEG-IP): Repository of Pre-Processed EEG Data Optimized for Signal Retention and Harmonization across Projects*. Poster presentation at International Society for Autism Research, May, Montreal, Canada.
326. Huberty, S., van Noordt, S., Desjardins, J., Johnson, M.H., Jones, E.J., **Nelson**, C.A., Tager-Flusberg, Levin, A.R., Frohlich, J., & The BASIS team, & Elsabbagh, M. (2019). *The Early Trajectory of Relative Power in Autism Spectrum Disorders*. Poster presentation at International Society for Autism Research, May, Montreal, Canada. Sabatos-DeVito, M., Murias, M., Dawson, G., Howell, T., Compton, S.N., Bernier, R., Brandt, C., Chawarska, K., Dziura, J., Faja, S., Jeste, S., Naples, A., **Nelson**, C.A., Shic, F., Sugar, C., Webb, S.J., & McPartland, J. (2019). *A Multi-Site Study of Noldus Ethovision XT Video Tracking of Children with and without Autism: Results from the ABC-CT*. Poster presentation at International Society for Autism Research, May, Montreal, Canada.
327. Atyabi, A., Shic, F., Naples, A., Li, B., Murias, M., Bernier, R., Dawson, G., Jeste, S., **Nelson**, C.A., Dziura, J., Brandt, C., Sugar, C., Webb, S.J., & McPartland, J. (2019). *Application of Supervised Learning Methods in Stratification of Autism Based on Mixed Measures of Eye Tracking and Electroencephalogram: Results from the ABC-CT Interim*. Poster presentation at International Society for Autism Research, May, Montreal, Canada.
328. Bagdasarov, A., Naples, A., McAllister, T., Stahl, D., Carlos, C., Kala, S., Chawarska, K., Dawson, G., Bernier, R., Jeste, S., **Nelson**, C.A., Dziura, J., Brandt, C., Webb, S.J., Sugar, C., Murias, M., Shic, F., & McPartland, J. (2019). *Developmental Differences in N170 Morphology in Children with Autism Spectrum Disorder: Results from the ABCCT Interim Analysis*. Poster presentation at International Society for Autism Research, May, Montreal, Canada.
329. Naples, A., Shic, F., Levin, A.R., Bernier, R., Dawson, G., Murias, M., Jeste, S., **Nelson**, C.A., Faja, S., Chawarska, K., Sugar, C., Senturk, D., Helleman, G., Dziura, J., Brandt, C., Webb, S.J., & McPartland, J. (2019). *EEG and Pupillary Response in Children with Autism: Results from the ABC-CT Interim Analysis*. Poster presentation at International Society for Autism Research, May, Montreal, Canada.

330. Hamo, E., Naples, A., Pittenger, C., Tolin, D., Chawarska, K., Bernier, R., Jeste, S., **Nelson, C.A.**, Dawson, G., Webb, S.J., Murias, M., Shic, F., Sugar, C., & McPartland, J. (2019). *The Impact of Anxiety and Attention-Deficit/Hyperactivity Symptoms on the Pupillary Light Reflex among Children with ASD: Results from the ABC-CT Interim Analysis*. Poster presentation at International Society for Autism Research, May, Montreal, Canada.
331. Kadlaskar, G., Keehn, B., Seidl, A., Tager-Flusberg, H., & **Nelson, C.A.** (2019). *Caregiver-Infant Tactile Communication in Infants at-Risk for Autism Spectrum Disorder*. Poster presentation at International Society for Autism Research, May, Montreal, Canada.
332. Dommer, K.J., Shic, F., Sugar, C., Sabatos-DeVito, M., Murias, M., Dawson, G., Howell, T., Bernier, R., Brandt, C., Chawarska, K., Dziura, J., Faja, S., Jeste, S., Naples, A., **Nelson, C.A.**, Webb, S.J., & McPartland, J. (2019). *Eye Tracking Test-Retest Reliability as an Effect of Diagnosis and Delta Time: Results from the ABC-CT Interim Analysis*. Poster presentation at International Society for Autism Research, May, Montreal, Canada.
333. Reese, M., Berry-Kravis, E., Thaliath, A., Isenstein, E., Durkin, A.R., Foss-Feig, J., Siper, P.M., **Nelson, C.A.**, Baczewski, L.M., Levin, A.R., Powell, C.M., White, S.P., Mosconi, M.W., Kolevzon, A., & Ethridge, L.E. (2019). *Effects of Age, Gender, and Genotype on Auditory Processing in Phelan-Mcdermid Syndrome*. Poster presentation at International Society for Autism Research, May, Montreal, Canada.
334. Kim, M., Naples, A., Shic, F., Webb, S.J., Murias, M., Sugar, C., Dziura, J., Brandt, C., Bernier, R., Dawson, G., Jeste, S., **Nelson, C.A.**, & McPartland, J. (2019). *Exploring the Relationship between Visual Evoked Potentials and Visual Search in ASD: Results from the ABC-CT Interim Analysis*. Poster presentation at International Society for Autism Research, May, Montreal, Canada.
335. Carlos, C., Naples, A., Chawarska, K., Bernier, R., Jeste, S., **Nelson, C.A.**, Dawson, G., Webb, S.J., Murias, M., Shic, F., Sugar, C., & McPartland, J. (2019). *Investigating ASD-Specific Salient Visual Features Using Discriminatory Convolutional Neural Networks: Results from the ABC-CT Interim Analysis*. Poster presentation at International Society for Autism Research, May, Montreal, Canada.
336. Atyabi, A., Aubertine, M.C., Luo, Y., Naples, A., Webb, S.J., Murias, M., Sugar, C., Bernier, R., Dawson, G., Jeste, S., McPartland, J., **Nelson, C.A.**, & Shic, F. (2019). *Visualization-Guided Analysis of Eye Movements in Children with Autism Spectrum Disorder: Results from the ABC-CT Interim Analysis*. Poster presentation at International Society for Autism Research, May, Montreal, Canada.
337. McNair, M.L., Naples, A., Trevisan, D.A., Bernier, R., Brandt, C., Chawarska, K., Dawson, G., Dziura, J., Jeste, S., **Nelson, C.A.**, Shic, F., Sugar, C., Webb, S.J., & McPartland, J. (2019). *Language, Gesture, and Looking Patterns during Viewing of Social Interactions in Children with Autism Spectrum Disorder: Results from the ABC-CT Interim Analysis*. Poster presentation at International Society for Autism Research, May, Montreal, Canada.
338. Stahl, D., Naples, A., McAllister, T., Carlos, C., Webb, S.J., Shic, F., Sugar, C., Murias, M., Dziura, J., Brandt, C., Chawarska, K., Dawson, G., **Nelson, C.A.**, Bernier, R., Jeste, S., & McPartland, J. (2019). *Restricted Repetitive Behaviors Related to Increased Activity at Ends of the Power Spectrum: Results from the ABC-CT Interim Analysis*. Poster presentation at International Society for Autism Research, May, Montreal, Canada.
339. Pecukonis, M.G., Perdue, K.L., Tager-Flusberg, H., & **Nelson, C.A.** (2019). *Investigating Brain Response to Speech in 6- and 7-Month-Old Infants: Evidence for Atypical Statistical Learning in Infants at High Risk for ASD*. Poster presentation at International Society for Autism Research, May, Montreal, Canada.

340. Mariscal, M., Levin, A.R., Tager-Flusberg, H., & **Nelson, C.A.** (2019). *Increased Phase-Amplitude Coupling in Children with Autism at 18, 24, and 36 Months*. Poster presentation at International Society for Autism Research, May, Montreal, Canada.
341. Kala, S., Naples, A., McAllister, T., Carlos, C., Stahl, D., Chawarska, K., Dawson, G., Bernier, R., Jeste, S., **Nelson, C.A.**, Webb, S.J., Sugar, C., Murias, M., Shic, F., Dziura, J., Brandt, C., & McPartland, J. (2019). *Heterogeneity in Alpha Rhythm Modulation in School-Aged Children with and without Autism Spectrum Disorder (ASD): Results from the ABC-CT Interim Analysis*. Poster presentation at International Society for Autism Research, May, Montreal, Canada.
342. Jeste, S., Dickinson, A.H., Varcin, K.J., & **Nelson, C.A.** (2019). *Electrophysiological Biomarkers of ASD and Cognitive Impairment in Infants with Tuberous Sclerosis Complex (TSC)*. Poster presentation at International Society for Autism Research, May, Montreal, Canada.
343. Chun, S., Wilkinson, C.L., Tager-Flusberg, H., & **Nelson, C.A.** (2019). *Language-Induced Frontal Gamma Activity Is Associated with Language Ability in 18-Month-Olds with High Familial Risk of Autism*. Poster presentation at International Society for Autism Research, May, Montreal, Canada.
344. Aubertine, M.C., Shic, F., Faja, S., Sugar, C., Sabatos-DeVito, M., Murias, M., Dawson, G., Bernier, R., Brandt, C., Chawarska, K., Dziura, J., Jeste, S., Naples, A., **Nelson, C.A.**, Webb, S.J., & McPartland, J. (2019). *Relationships between Executive Function and Activity Monitoring in Children with and without ASD: Results from the ABC-CT Interim Analysis*. Poster presentation at International Society for Autism Research, May, Montreal, Canada.
345. Wilkinson, C.L., Gabard-Durnam, L., Levin, A.R., Kapur, K., Tager-Flusberg, H., & **Nelson, C.A.** (2019). *Longitudinal EEG Markers of Language Development in Infants and Toddlers at Risk for Autism Spectrum Disorder*. Poster presentation at International Society for Autism Research, May, Montreal, Canada.
346. Gabard-Durnam, L., Wilkinson, C.L., Hensch, T., Tager-Flusberg, H., & **Nelson, C.A.** (2019). *An EEG Biomarker of Delayed Sensitive Period Onset in Autism Spectrum Disorder*. Poster presentation at International Society for Autism Research, May, Montreal, Canada.
347. Finch, K.H., **Nelson, C.A.**, & Tager-Flusberg, H. (2019). *Using the McGurk Effect to Investigate the Neural Indices of Audiovisual Speech Processing in Infants at Risk for ASD*. Poster presentation at International Society for Autism Research, May, Montreal, Canada.
348. Levin, A.R., Berry-Kravis, E., Eng, C., Ethridge, L.E., Foss-Feig, J., Hardan, A.Y., Karhson, D.S., Kolevzon, A., Modi, M.E., Mosconi, M.W., **Nelson, C.A.**, Powell, C.M., Punia, V., Siper, P.M., Thaliath, A., & Sahin, M. (2019). *Evaluating the EEG Power Spectrum across Three Neurogenetic Disorders of the mTOR Pathway*. Poster presentation at International Society for Autism Research, May, Montreal, Canada.

## COLLOQUIA AND INVITED ADDRESSES

---

### 1983

- Center for Research in Human Learning, University of Minnesota
- Department of Psychological Sciences, Purdue University

### 1984

- Department of Psychology, Indiana University
- Illinois Institute of Developmental Disabilities, University of Illinois-Chicago

- Department of Psychology (Cognitive Psychophysiology), University of Illinois

#### 1985

- Department of Psychology (Developmental Psychology), University of Illinois

#### 1986

- Institute of Child Development, University of Minnesota
- Center for Research in Learning, Perception, and Cognition, University of Minnesota
- Department of Occupational Therapy, The College of St. Catherine's

#### 1987

- Department of Pediatric Neurology, University of Minnesota
- Department of Neurology, University of Minnesota
- Department of Psychology, St. Olaf College
- Department of Occupational Therapy, The College of St. Catherine's

#### 1988

- Minnesota Center for Research in Developmental Disabilities, University of Minnesota
- Comprehensive Epilepsy Program, University of Minnesota

#### 1989

- Center for Research in Learning, Perception, and Cognition, University of Minnesota
- Department of Child Psychiatry, University of Minnesota
- Department of Pediatrics, University of Minnesota, Minneapolis, MN

#### 1990

- Department of Pediatric Neurology, University of Minnesota, Minneapolis, MN

#### 1991

- Minnesota Comprehensive Epilepsy Program
- Institute of Child Development, University of Minnesota, Minneapolis, MN
- Institute for Disabilities Studies, University of Minnesota, Minneapolis, MN
- Family Law Task Force, Minnesota Legal Services
- Regional EEG meetings, University of Minnesota Division of Neonatology, University of Minnesota & St. Paul Children's Hospital
- Minnesota Electro-Neuro Diagnostic Technologists Society
- Illinois Institute of Developmental Disabilities, University of Illinois-Chicago, Chicago, IL
- West Virginia Life-Span Conference on Developmental Psychology

#### 1992

- Neonatology Conference, St. Paul Children's Hospital, St. Paul, MN
- Department of Psychiatry, VA Medical Center, Minneapolis, MN
- Department of Neurology, University of Minnesota, Minneapolis, MN

### 1993

- Temperament Conference, Indiana University, Bloomington, IN

### 1994

- Department of Psychology, Rice University, Houston, TX
- WT. Grant foundation

### 1995

- MD/Ph.D. Program talk, University of Minnesota
- Conference On Behavioral Pediatrics, University of Minnesota

### 1996

- Department of Psychiatry, University of Pittsburgh, Pittsburgh, PA
- American Health Foundation Conference
- Department of Neurology, Grand Rounds, University of Minnesota, Minneapolis, MN

### 1997

- Erikson Institute (Topic: Brain Development and Plasticity)
- Department of Neurology, VA Medical Center, Minneapolis, MN (Topic: Functional Neuroimaging and Development)
- SMART conference (Health Partners)

### 1998

- Stanford University, Department of Psychology, Palo Alto, CA
- American Association of University Women
- Headstart Research Conference (Topic: Plasticity)
- Anoka-Hennepin County Educators
- Appearance before Labor Committee, State of Minnesota House of Representatives

### 1999

- O.E.C.D. (Topic: Early Experience and Brain Development), Paris, France: July
- Dana Foundation (Topic: Early Experience and Brain Development), New York, NY: February
- Hennepin County Medical Center, Grand rounds, Neurology and Psychiatry (Topic: Brain and Memory), Minneapolis, MN: March
- Sackler Institute on Developmental Psychobiology (Topic: Use of ERPs in Study of Brain Development), Chicago, IL: May
- NIAA-sponsored Conference on Fetal Alcohol Syndrome (Topic: Methods of Studying Brain Development), Minneapolis, MN: June
- Casey School of Journalism (Topic: Brain Development), Washington, DC: June.
- Santa Fe Institute (Topic: Human Brain Development), Santa Fe, NM: July
- Kennedy Center Colloquium, Vanderbilt University, Nashville, TN: September

- NIH Pediatric Neuroimaging Meeting, Bethesda, MD: October
- Annual Conference of Judges, Minneapolis, MN: December

## 2000

- Time for Effective Action on Maltreatment of Minors (TEAM) Conference, Minneapolis, MN: February
- Early Childhood Neurobehavioral Assessment for the Differential Diagnosis of Fetal Alcohol Syndrome and Alcohol-related Neurodevelopmental Disorders, NIAA, Bethesda, MD: March
- Board on Children, Youth, and Families of the National Academies, Kansas City, MO: April.
- The Builder's Club, University of Minnesota Foundation, Minneapolis, MN: May
- Topics and Advances in Pediatrics Conference, Minneapolis, MN: June
- Chicago Art Institute/Foundation for Human Potential, Chicago, IL: September
- Center for Developmental Science, University of North Carolina. Chapel Hill, NC: September
- Institute for Mathematics and its Applications Symposium on Brain Imaging, University of Minnesota, Minneapolis, MN: October

## 2001

- Consortium on Children, Youth, and Families, University of Minnesota. Minneapolis, MN: January
- Kennedy Center, Vanderbilt University, Nashville, TN: February
- Department of Psychology, University of Wisconsin, Madison, WI: February
- Elder Learning Group, Gateway Center, University of Minnesota, Minneapolis, MN: February
- Grand Rounds, Department of Psychiatry, University of Minnesota, Minneapolis, MN: February
- NIH meeting on Interdisciplinary Research in Mind-Body Science: March
- 2<sup>nd</sup> Annual Early Childhood Development Conference: From Neurons to Neighborhoods, Portland, OR: 27 April
- Grand Rounds, Department of Pediatrics, University of Minnesota, Minneapolis, MN: May.
- American Psychological Society, Toronto, Ontario, Canada: 15 June
- London School of Economics Meeting on Adolescent Development and Social Policy, London, UK: 17-18 July
- University of College London, London, UK: 26 July
- University of Pittsburgh Conference on Behavior Genetics and Development, Pittsburgh, PA: 23-25 October
- University of Toronto Millennium Dialogue on Children Conference, Toronto, Ontario, Canada: 8-9 November
- Department of Psychology, University of Delaware, Newark, DE: 13 November

## 2002

- Live TV Broadcast (Project Learn), WNET, Lincoln, NE: 14 January

- Oregon Museum of Science and Technology. (Topic: The Baby Brain: From Neurons to Neighborhoods...New Connections for a Great Start). Oregon: 6 February.
- McDonnell Foundation Workshop, Venice, Italy: 8-9 March
- Steinberg lecture, Department of Pediatrics, McGill University, Montreal, Quebec, Canada: 27 March
- Perspectives on Developmental Cognitive Neuroscience at Brown University, Providence, RI: 16 May
- Workshop on Interdisciplinary Approaches to the Study of Functional Isolation in Young Children, University of Michigan, Ann Arbor, MI: 29 May
- 32<sup>nd</sup> Carnegie Symposium on Cognition – Building Object Categories in Developmental Time, June
- Early Experience and Brain Development Workshop, Bucharest, Romania: 12 June
- Department of Psychology/Child Study Center, Penn State University, State College, PA: September
- Dakota County Adolescent Health Conference, Rosemount, MN: October
- Program in Mind, Brain, and Education, Harvard University School of Education, Cambridge, MA: October
- Learning and the Brain Conference, Cambridge, MA: October
- Pediatric Neurology, University of Minnesota, Minneapolis, MN: December

## 2003

- Keynote Address, M.I.N.D. Institute, University of California – Davis, Davis, CA: February
- Department of Psychology, University of Chicago, Chicago, IL: February
- Brain Imaging Roundtable, University of Chicago, Chicago, IL: February
- Psychology/Neuroscience Programs, Macalester College, St. Paul, MN: March
- New York Academy of Sciences Conference, “Roots of Mental Illness in Children,” New York, NY: March
- NICHD Family and Child Research Network, April
- Merck Summer Institute on Developmental Disabilities, Princeton University, Princeton, NJ: July
- Conference on Brain, Mind, and Culture: From Interactionism to Biocultural Co-Constructivism, Berlin, Germany: August
- Board of Trustees, University of Minnesota, Minneapolis, MN: August
- MacKeith Basic Science Lecture, American Academy for Cerebral Palsy and Developmental Medicine
- New York Academy of Sciences Conference on Adolescent Brain Development, New York, NY: September
- Thomas Tighe memorial lecture, University of South Florida: November
- Children’s Justice Initiative, St. Paul, MN: December

## 2004

- Mapping the Number of Characteristics of Children under Three in Institutions across Europe, World Health Organization, Copenhagen, Denmark: March
- Minnesota Supreme Court, St. Paul, MN: March

- Department of Psychology colloquium, Indiana University, Bloomington, IN: March
- Council on Public Engagement, University of Minnesota, Minneapolis, MN: April
- American Psychiatric Association, New York NY: May
- Kendall Lecture, Gustavus College, St. Peter, MN: May
- Conference on Social Influences on Development of the Prefrontal Cortex, University of California – Berkeley, Berkeley, CA: May
- Regional Child Development Conference, Bucharest, Romania: June
- Workshop on Neuroscience Methods, Regional Child Development Conference, Bucharest, Romania: June
- Minnesota Adoption Symposium, Minneapolis, MN: July
- American Academy of Pediatrics, Behavioral Pediatrics Board Training, Chicago, IL: August
- Rochester Center for Neuroimaging, University of Rochester, Rochester, NY: September
- Department of Pediatrics, Harvard University Medical School, Cambridge, MA: September
- John D. and Catherine T. MacArthur Foundation, Chicago, IL
- Heslinger Institute, Columbia University, Palm Beach, FL

## 2005

- Department of Brain and Behavioral Sciences, University of Texas-Dallas, Dallas, TX
- Center for Cognitive Sciences, University of Minnesota, Minneapolis, MN
- Department of Human Development, University of Maryland, College Park, MD
- Pediatric Developmental Neurosciences, University of Tennessee Health Sciences, Memphis, TN
- Ramsey County Futures Seminar, New Brighton, MN
- University of Pennsylvania Conference on Adolescent Psychopathology and the Developing Brain: Integrating Brain and Prevention Science, Philadelphia, PA
- German Developmental Psychological Association, Bocu, Germany
- University of Heidelberg, Heidelberg, Germany
- Brian Development and Disorders Program, Massachusetts Institute of Technology, Cambridge, MA
- FRUA Conference, Newton, MA
- Department of Anatomy and Neurobiology, Boston University School of Medicine, Boston, MA
- Children's Hospital Boston Board of Trustees, Boston, MA
- Eunice Shriver Center, University of Massachusetts Medical School, Waltham, MA
- Visiting Professor Lecture Series, Department of Psychiatry, University of Pittsburgh, Pittsburgh, PA
- Mind Matters, Inc., Yountville, CA

## 2006

- Department of Pediatrics, Harvard Medical School/Children's Hospital Boston
- Visiting Professor Lecture Series, Department of Psychiatry, University of Pittsburgh
- Mind Matters, Inc., Yountville, CA
- Department of Pediatrics, Boston University Medical Center

- Harvard School of Public Health
- Board of Overseers, Children's Hospital Boston
- Department of Child Psychiatry, Harvard Medical School/Children's Hospital Boston
- Developmental-Behavioral Pediatrics Fellowship Training Annual Meeting, Boston, MA
- Division of Newborn Medicine, Beth Israel Deaconess Medical Center/Harvard Medical School, Boston, MA
- Brain and Learning conference, Cambridge, MA
- Visiting Professor Lecture Series, MIND Institute, University of California - Davis
- Judge Baker Children's Center/Harvard Medical School, Boston, MA
- Romanian Psychological Association, Cluj-Napoca, Romania
- Key note address, Finnish Psychological Association, Tampere, Finland
- Society for Behavioral and Developmental Pediatrics, Philadelphia, PA
- International Collaborations in Social and Behavioral Science Research (National Academy of Sciences), Northwestern University, Evanston, IL
- American Academy of Pediatrics, Atlanta, GA
- 100<sup>th</sup> anniversary, Bucharest University Psychology Department, Bucharest, Romania
- Brain and Learning Conference, Boston, MA
- Invited colloquium, Developmental Psychology Area, Department of Psychology, Harvard University
- Department of Pediatrics, Boston University Medical Center, Boston, MA
- Harvard School of Public Health, Boston, MA
- Judge Baker Children's Center, Boston, MA

## 2007

- Program in Neuroscience, Children's Hospital/Harvard Medical School, Boston, MA
- UNICEF, Washington, DC
- Ellison Medical Foundation Workshop on Imaging Long-Term Plastic Changes in Mental Processing: Development Through Psychotherapy, The Rockefeller University, New York, NY
- Casey Journalism Center on Children and Families, College Park, MD
- Neurodevelopmental Research Center, University of North Carolina, Chapel Hill, NC
- Harvard Law School and the American Bar Association, Promoting Children's Interests: Preparation, Practice and Policy Reform, Cambridge, MA
- Lecture, Department of Psychology, Bucharest University
- Key note address, Brain and Learning Conference, Cambridge, MA
- Key note address, Families First, Boston, MA
- Tufts-New England Medical Center, Boston, MA
- John Merck Fund Summer Institute, Biology of Developmental Disabilities, Cornell University, Ithaca, NY
- NIMH workshop on Cognition and Stress: Advances in Basic and Translational Research, Bethesda, MD
- American Psychological Association, San Francisco, CA
- Department of Pediatrics, University of Virginia, Charlottesville, VA

- Currey School of Education, University of Virginia, Charlottesville, VA
- Department of Psychology and Education, Bucharest University, Bucharest, Romania
- Foundation on Human Potential Symposium on Mental Health, Chicago, IL
- Brain and Learning Conference, Cambridge, MA
- Boyd McCandliss Key Note Address, Emory University, Atlanta, GA
- MIT McKnight Journalism Scholars, Harvard Medical School, Cambridge, MA

## 2008

- Department of psychology, Brandeis University, Waltham, MA
- NIH/USAID Conference, Children rendered vulnerable by HIV/AIDS in sub-Saharan Africa: Developing a research agenda, Rockville, MD
- Harvard Center on the Developing Child, Harvard Law School, Cambridge, MA
- Harvard Center on the Developing Child, Harvard Medical School, Boston, MA
- Center on Human Development, Brown University, Providence, RI
- Pre-IMFAR Workshop, Birbeck College, University of London, London, England
- Zero to Three, Washington, DC
- May Institute, Randolph, MA
- NIMH workshop, *Navigating your way through a successful research career*, Bethesda, MD
- Department of Health and Social Medicine, Harvard Medical School, Cambridge, MA
- Boston Adoption Conference, American Academy of Pediatrics
- Robert G. Heath MD Lectures, Tulane University School of Medicine, New Orleans, LA

## 2009

- Infant Sib Consortium, Autism Speaks, Miami, FL
- University of Minnesota Symposium on Early Identification of Autism, Minneapolis, MN
- NIMH Meeting, *Improving Cross-species Understanding of Developmental Research on Brain-Behavior Interactions*, Rockville, MD
- Department of Psychology, Arizona State University, Tempe, AZ
- Eappan Lecture, Children's Hospital Boston, Boston, MA
- Leiden (Netherlands) conference on "The Power of Early Experiences: On Brain Plasticity, Sensitive Periods and Biobehavioral recovery from Early Trauma, Leiden, NL
- Tufts University conference on *The Neuroscience of Emotion*, Medford, MA
- Cold Spring Harbor Laboratory Workshop on Autism Spectrum Disorders, Cold Spring Harbor, New York
- European Congress of Psychology, Key note address, Oslo, Norway
- Invited Address to the American Psychological Association (Division 3- Experimental Psychology), Toronto, Ontario, Canada
- Opening remarks, NIMH meeting on *Using EEG/ERP/MEG to understand neural mechanisms and treatment effects in mental illness in children and adolescents*, Bethesda, MD
- Invited talk, Mind, Brain, Behavior Initiative, Harvard University, Cambridge, MA
- Invited talk, Child Neurology Society, Louisville, KY
- Invited talk, Department of Psychology, Harvard University
- Invited talk, Cognitive Neuroscience Program, University of Maryland

- Invited talk, Brookings Institute meeting *Rethinking the role of neighborhoods and families on schools and school outcomes for American children*, Washington, D.C.
- Invited plenary address, Brain and Cognitive Conference, Cambridge, MA
- Invited talk, Global Health Group Meeting, Montego Bay, Jamaica

## 2010

- Key note address, Adoption Policy Conference: Permanency for Children. New York Law School
- Invited talk, 2<sup>nd</sup> NIMH sponsored Brain Camp, Cold Spring Harbor, NY
- Invited talk, Neuroscience and Behavior Program, University of Massachusetts-Amherst
- Invited talk, Department of Neurology, Massachusetts General Hospital/Harvard Medical School
- Invited talk, Herzliya Symposium on Developmental Psychopathology, IDC Herzliya, Israel
- Speaker at ‘Early Brain and Biological Development: A Sciences in Society Symposium’, Norlien Foundation, Banff, Alberta, Canada
- Invited talk, Institute of Medicine Board on Children, Youth, and Families, Symposium on Biomarkers, Washington, D.C.
- Invited talk, Department of Psychiatry, Columbia University, New York, NY
- Invited talk, Population Health, Harvard University, Cambridge, MA
- Invited talk, Autism Consortium, Boston, MA
- Invited talk, American Academy of Child and Adolescent Psychiatry, New York, New York
- Keynote address, Harvard Medical School Combined Residency Program in Psychiatry, Boston MA
- Invited talk, Learning and Brain Conference, Cambridge, MA
- Invited colloquium, Department of Psychology, UCLA, Los Angeles, CA

## 2011

- Invited talk, Department of Psychology, Boston College, Boston, MA
- Invited talk, Center for Brain/Mind Medicine, Brigham and Women’s Hospital, Boston, MA
- Invited talk, Salem State University Department of Biology “Darwin Festival”, Salem, MA
- Invited talk, Department of Psychology, Boston University, Boston, MA
- Plenary talk, NICHD Workshop on Cognition, Bethesda, MD
- Invited talk, Center for Child and Adolescent Health Policy, Massachusetts General Hospital, Boston, MA
- Invited talk, Radcliffe Institute Seminar, “Connecting the Social Brain to the Social World”, Cambridge, MA
- Guest lecturer, Computer Science class, Massachusetts Institute of Technology, Cambridge, MA
- Invited talk to Louisiana judges, *The Effects of Early Adversity on the Development of Brain Architecture*, Lafayette, LA
- Plenary address, Joint Council on International Children’s Services, New York, NY
- Invited talk, Child Study Center, Yale University, New Haven, CT
- Invited talk, Clinical Brain Science Collaborative Seminar, Harvard Medical School, Boston, MA
- Invited talk, Rockefeller Foundation Bellagio Center, Bellagio, Italy
- Invited talk, Mind, Brain, Behavior interfaculty initiative, Harvard University
- Invited talk, Center on Neuroscience and Society, University of Pennsylvania

- Invited talk, Arkansas Children’s Nutrition Center, University of Arkansas Medical School, Little Rock, AK
- Invited talk, American Academy of Pediatrics, Boston, MA
- Invited talk, Harvard College Veterans Engagement Initiative, Cambridge, MA
- Opening talk of the Institute of Child Development (IDC), Bucharest, Romania
- Invited talk, *Psychology and the reality of the contemporary world, 2<sup>nd</sup> edition*, Bucharest University, Bucharest, Romania
- Invited talk, Department of Experimental Psychology, Oxford University
- Invited talk, Psychiatric Genetics and Translational Research Seminar, Massachusetts General Hospital/Harvard Medical School, Boston, MA
- Invited address, American Academy of Pediatrics, Massachusetts Chapter, Waltham, MA
- Invited talk, “Biological Embedding of Social Adversity: From Fruit Flies to Kindergarteners,” Sackler Symposium, Irvine CA
- Invited talk, Translational Neuroscience Seminar Series, Children’s Hospital Boston/Harvard Medical School, Boston, MA

## 2012

- Invited talk, “The effects of early experience on lifelong functioning: Commitment and resilience”, American Association for the Advancement of Science, Vancouver, Canada
- Invited talk Administration for Children and Families US Department of Health and Human Services, Conference on Stress, Neurodevelopment, and Programs that promote the well-being of children and families, Washington DC, March 2012
- Invited talk, “The Use of EEG and fNIRS as Biomarkers in Autism Research”, NIH Biomarkers Meeting, Washington, D.C.
- Invited talk, 3rd UK Pediatric Neuropsychology Symposium, Institute of Child Health, University College London, London, UK April 23, 24, 2012
- Invited talk, Center on Human Growth and Development, University of Michigan, may 2012
- Invited talk, A Cognitive Neuroscience Approach to the Early Identification, IMFAR, May 2012
- Invited talk, American Psychiatric Association, Philadelphia, PA May 2012
- Invited talk, International Meeting for Autism Research, Toronto, Canada, May 2012
- Invited talk, Symposium Honoring Herbert L. Pick, Jr. Realism to Relevance: An Ecological Approach to Perception, Action and Cognition, Minneapolis, MN, June 2012
- Invited talk, Social Developmental Neuroscience, University of Maryland, June 2012
- Invited talk at SAMHSA meeting on Domestic and International Adoption: Strategies to Improve Behavioral Health Outcomes for Youth and Their Families, August 2012
- Key note address, Harvard University David Rockefeller Center on Latin American Studies – Brazil Studies Program, Sao Paulo, Brazil, 12 September 2012
- Invited address, Instituto Fernandes, Figueria, Rio de Janeiro, Brazil, 13 September 2012
- Keynote address, Connaught Global Challenge International Symposium, University of Toronto, September 2012
- Invited talk, Conte Center, Harvard University, 2 October 2012
- Invited talk, Department of Psychology, Yale University, 3 October 2012

- Invited talk, Clinical Translational Neuroscience Seminar, Boston Children's Hospital, October 2012
- Invited talk, May Institute, Randolph, MA October 2012
- Invited talk, 4th World Conference on Remedies to Racial and Ethnic Economic Inequality, University of Minnesota, October 2012
- Invited talk, Institute of Child Health, University of London, London, UK October 2012
- Invited talk, Conference on Functional Near Infrared Spectroscopy Conference, University College London, London, UK October 2012
- Invited Lecture, Department of Psychology, Bucharest University, Bucharest, Romania, 28 November 2012

## 2013

- Szymanski Lecture, Department of Psychiatry, Boston Children's Hospital/Harvard Medical School
- Invited Talk, The Mortimer D. Sackler Winter Conference on Developmental Psychobiology, Turks and Caicos, January, 2013
- Invited talk, Canadian Institute for Advanced Research Neuroscience Accelerator Workshop: Autism February 19-21, 2013, Toronto
- Invited talk, Knowledge in Action Webinar on Children's Mental Health, Toronto, February 22, 2013
- Invited talk, Experience & Genetics: Shaping the Pediatric Brain, Association of Health Care Journalists, March 2013, Boston, MA
- Invited talk, Executive Leadership Program on Early Childhood Development for Brazilian Policymakers, March 2013, Cambridge, MA
- Invited talk, Center for Neurobehavioral Development, University of Minnesota, March, 2013
- Invited talk, Center for Autism Research and Treatment, UCLA, April 2013
- Invited talk, Hanscom Air Force Base, May 2013
- Invited talk, Key Note Columbia University Population Research Center, May 2013
- Invited talk, Subcommittee on the Department of State, Foreign Operations, and Related Programs United States Senate Committee on Appropriations, Washington D.C. May 2013
- Invited talk, Unijorge University, Salvador Brazil August 2013
- Invited talk, Early Child Development Workshop, Sao Paulo City Hall, Sao Paulo Brazil, August 2013
- Invited talk, Child Study Center/Department of Child Psychiatry, New York University
- Invited talk, Conference on Child Abuse and Neglect, Mount Sinai Medical Center, New York
- Invited talk, Stress and Health Disparities conference, Harvard Medical School, October 2013
- Invited talk, Department of Clinical Psychology, Harvard University, October 2013
- Invited talk Sackler Institute Symposium on Recent Advances in Infant Research, Columbia University, New York, October 2013
- Invited talk, Institute of Child Development, Bucharest Romania, November 2013
- Invited talk, Department of Psychology, Brown University November 2013

- Invited talk, U.S. Government International Assistance for Children in Adversity, Washington, D.C. December 2013
- Invited talk, Measuring Cognition, Bill and Melinda Gates Foundation, Seattle, WA December 2013

## 2014

- Invited talk, National Institute of Mental Health, Bethesda, MD January 2014
- Key note address, New Horizons in Human Brain Imaging, Oahu, Hawaii, March 2014
- Invited talk, “Project Renew”, Pediatric Brain Tumor Neurocognitive Deficit Research Initiative, Washington University, St. Louis, March 2014
- Invited talk, Simon Center for the Social Brain, MIT, March 2014
- Invited talk, MCHB-DBP fellowship training annual meeting, Boston, MA, March 2014
- Invited talk, World Health Summit Regional Meeting, University of Sao Paulo, Brazil, April, 2014
- Invited talk, Department of Psychiatry, University of Sao Paulo, Brazil, April 2014
- Spiker Memorial Lecture, University of Iowa, Cedar Rapids, IA, April 2014
- Invited talk, UNICEF: Missing Linkage: Understanding the Multiple Influences on Brain Development, New York, April 2014
- Invited talk, Christian Alliance for Orphans, Chicago, IL, April 2014
- Invited talk, Productive Youth Development Symposium, University of Zurich and Jacobs Foundation, 28 May 2014
- Invited talk, Simons Foundation workshop on 16P11.2, New York, June 2014
- Invited talk, 13th Rett Syndrome Symposium, Chantilly, VA June 2014
- Key note address, Early Childhood Policy Leadership Institute, Tulane University, Louisiana, July 2014
- Invited workshop, Early Childhood Policy Leadership Institute, Tulane University, Louisiana, July 2014
- Invited talk, Development, Functions and Disorders of the Nervous System, Montreal, Canada, July 2014
- Invited Talk, Sackler Family Grand Rounds, Department of Psychiatry, Columbia University, September 2014
- Notable Book Series Lecture, Countway Library of Medicine, Harvard Medical School, Boston, MA, September 2014
- Invited talk, Windows of Opportunity and Vulnerability: The First Years of Life, Children’s Risk and Resilience in the age of HIV/AIDS, October 2014
- Invited talk, Windows of opportunity and vulnerability: The First Years of Life, New York Academy of Sciences, November 2014
- Invited talk, Brain Development in Autism and Perturbed Early Social Conditions, Parma, Italy, November 2014
- Invited talk, Institutul Pentru Dezvoltarea Capilului, Bucharest, Romania, November 2014
- Invited talk, American College of Neuropsychopharmacology, Phoenix, AZ, December 2014

## 2015

- Invited talk, neuroscience division, Pfizer Pharmaceuticals, Cambridge, MA, January 2015
- Invited talk, Radcliffe Institute Lessons from the 40-Year War on Drugs, Cambridge, MA, January 2015
- Invited talk, NICHD, Research Gaps at the Intersection of Child Brain Development, Inflammation, and Nutrition in Low Resource Settings, Bethesda, MD, February 2015
- Invited talk, *Romania's Abandoned Children: Deprivation, Brain Development and the Struggle for Recovery*, Sackler Brain Bench One-Day Course: The Early Childhood Brain, New York, February 2015
- Invited talk, *Overcoming Early Adversity: An International Perspective on Brain and Behavioral Development*, 2015 Department of Education (UCLA) Colloquium Series, Los Angeles, CA, March 2015
- Invited talk, *The effects of early adversity on the developing brain*, INSPER, Sao Paulo, Brazil, April 2015
- Invited talk, McClean Hospital/ Harvard Medical School, Center for Depression, Anxiety and Stress Research, Cambridge, April 2015
- Invited talk, *Emotion Processing in Adolescents with ASD: Using Multiple Measures and Varying Intensities*, International meeting for autism research (IMFAR), Salt Lake City, Utah, May 2015.
- Invited talk, Commentary on Responses to Early Intervention and Mechanisms of Change, International meeting for autism research (IMFAR), Salt Lake City, Utah, May 2015.
- Invited talk, Toxic Stress, Asia-Pacific Regional Network (ARNEC), Webinar, May 2015.
- Invited talk, *Windows of opportunity and vulnerability: The first years of life*, Jean Piaget Society, Toronto, Ontario, Canada, June 2015.
- Invited talk, *Windows of opportunity and vulnerability in the first years of life*, Canadian Institute for Advanced Research, Toronto, Canada, June 2015.
- Invited talk, *Windows of opportunity and vulnerability: the first years of life*, Weill Cornell Medical College, New York City, June 2015.
- Invited talk, *The effects of early, profound deprivation on brain and behavioral development: Timing is everything*, International Society of Developmental Psychobiology, San Sebastian, Spain, July 2015.
- Invited lecture, *The effects of early life adversity on child and brain development*, Executive Leadership Program in Early Childhood Development, Harvard Graduate School of Education, August 2015
- Invited talk, *The effects of early life adversity on child and brain development*, Early Childhood Policy Leadership Institute, Tulane University School of Medicine, Lafayette, LA, September 2015
- Invited talk, *A user's guide to how to build a brain from scratch*, Early Childhood Policy Leadership Institute, Tulane University School of Medicine, Lafayette, LA, September 2015
- Invited talk, *Early Adversity and its Life-Long Effects on Brain and Behavioral Development*, Harvard Law School, Cambridge, September 2015
- Invited talk, *Reversing Programmed Adversity: The Romanian Orphan Study*, Harvard Medical School, Boston, October 2015
- Invited Talk, *A Talk in Two Parts: Why Neglect is Bad for the Brain*, Harvard Graduate School of Education, October 2015

- Invited Talk, *Brain Imaging as a Measure of Future Cognitive Outcomes in Children*, icddr, b, Dhaka, Bangladesh, October 2015
- Invited Talk, *Brain Imaging as a Measure of Future Cognitive Outcomes in Children*, Grand Challenges Meeting, Bill and Melinda Gates Foundation, Beijing, China, October 2015
- Invited Talk, *The Effects of Early Intentional Care on Neuro and Biological Development: Updates from The Bucharest Early Intervention Project*, Bucharest, Romania, November 2015
- Invited Talk, *The Effects of Early Psychosocial Deprivation on Brain-Behavioral Development*, RWJF Health & Society Scholars Seminar Series, Harvard T.H. Chan School of Public Health, Cambridge, December 2015
- Invited Talk, *Using the visual system as a means to quantitatively evaluate cortical function and cognitive performance in Rett Syndrome*, Toronto, Canada, December 2015
- Invited Talk, *Commentary*, Consortium on Autism and Sign Language, Cambridge, December 2015

## 2016

- Grand Rounds, *A Cognitive Neuroscience Approach to Early Identification of Autism*, Division of Neonatology, Boston Children's Hospital, January 2016
- Invited Talk, *A Grand Tour of the Developing Brain: Brain Development The Role of Experience When Bad Things Happen Early in Life*, Brainy Bunch, Napa, California, January 2016
- Invited Talk, *Exposure to Early Adversity can Undermine Healthy Brain Development*, Love Synapses - Building Strong children, families and communities, Lisbon, Portugal, January 2016
- Invited Talk, *The Effects of Early Psychosocial Deprivation on Brain and Behavioral Development* National Collegiate Research Conference, Harvard University, Cambridge, MA, January 2016
- Invited Talk, *The Effects of Early Psychosocial Deprivation on Brain and Behavioral Development* School of Psychology, University of Minho, January 2016
- Grand Rounds, *A Cognitive Neuroscience Approach to the Study of Autism and Rett Syndrome*, Boston Children's Hospital, February 2016
- Keynote Address, Brain and Social Neuroscience Meeting, Brandeis University, Waltham, MA, February 2016
- Invited Talk, *Exposure to Early Adversity Can Undermine Healthy Brain Development*, Law and Neuroscience Seminar, Harvard Law School, Cambridge, MA, February 2016, March 2016
- Invited Talk, *The Effects of Early Life Adversity on Child and Brain Development*, Brazilian Executive Leadership Program, Center on the Developing Child at Harvard University, Cambridge, MA, March 2016
- Invited Talk, *The Effects of Early Adversity on the Developing Brain*, Mclean Hospital, Belmont, MA, March 2016
- Invited Talk, *Perception of Social Stimuli in TSC: Possible Links to Autism*, Boston LAM-TSC Seminar, Brigham and Women's Hospital, Boston, MA, March 2016
- Invited Talk, *Exposure to Early Adversity can Undermine Healthy Brain Development*, Center for Law, Brain and Behavior Seminar on Poverty Violence and the Developing Mind, Brigham and Women's Hospital, Boston, MA, March 2016

- Invited Talk, Verily Life Science (Google) *Opportunities for Early Intervention Summit*, New York, New York, May 2016
- Invited Talk, *The Development and Neural Bases of Face Processing*, Simposio de Autismo: Advances y Controversias en el Transtorno del Espectro de Autista, Buenos Aires, Argentina, May 2016
- Invited Talk, *A Cognitive Neuroscience Approach to Early Identification of Autism*, Simposio de Autismo: Advances y Controversias en el Transtorno del Espectro de Autista, Buenos Aires, Argentina, May 2016
- Invited Talk, *The Perception of Social Stimuli in Tuberous Sclerosis Complex and Possible Links to Autism*, Simposio de Autismo: Advances y Controversias en el Transtorno del Espectro de Autista, Buenos Aires, Argentina, May 2016
- Invited Talk, *Using the Visual System as Means to Quantitatively Evaluate Cortical Function and Cognitive Performance in Rett Syndrome*, Simposio de Autismo: Advances y Controversias en el Transtorno del Espectro de Autista, Buenos Aires, Argentina, May 2016
- Invited Talk, *Neural Plasticity and Critical Periods in Human Development: Setting the Stage*, Presented at the Early Experience and Sensitive Periods in Development Workshop, Ettore Majorana Centre, Erice, Italy, September 2016
- Invited Talk, *Using the visual system to quantitatively evaluate cortical function in Rett syndrome and Tuberous Sclerosis Complex*, Department of Brain and Cognitive Sciences, MIT, Cambridge, MA, September 2016
- Invited Talk, *The effects of early life adversity on child and brain development*, Early Childhood Policy Leadership Institute, Tulane University School of Medicine, Lafayette, LA, September 2016
- Invited Talk, *A user's guide to how to build a brain*, Early Childhood Policy Leadership Institute, Tulane University School of Medicine, Lafayette, LA, September 2016
- Invited Talk, *Brain Imaging as a measure of future cognitive outcomes: A study of children in Bangladesh exposed to multiple levels of adversity*, Carnegie Mellon University, Department of Psychology, Pittsburgh, PA, September 2016
- Invited Talk, *A user's guide to how (and how not to) build a brain*, Carnegie Mellon University, Community Outreach Speaker Series, Pittsburgh, PA, September 2016
- Invited Talk, *The Effects of Early Psychosocial Deprivation on Brain and Behavioral Development*, CNRS-Paris, France, October 2016
- Invited Talk, *Sensitive Periods in Human Development: Evidence from the Bucharest Early Intervention Project*, Centre Biomédical des Saints Pères, Université Paris Descartes, Paris, France, October 2016
- Invited Symposium, *Brain Imaging as a Measure of Future Cognitive Outcomes: A study of children in Bangladesh exposed to multiple levels of adversity*, Society for Near Infrared Spectroscopy, Paris, France, October 2016
- Invited Talk, *The Effects of Early Adversity on Life-Long Development*, CafeSciBoston, WGBH-Nova, Cambridge, MA, October 2016
- Invited Talk, *The effects of profound early deprivation on brain and behavioral development*. Gonville and Caius College, Cambridge, United Kingdom, October 2016.
- Invited Talk, *Brain Imaging as a Measure of Future Cognitive Outcomes: A study of children in Bangladesh exposed to multiple levels of adversity*, Grand Challenges Meeting, Bill & Melinda Gates Foundation, London, United Kingdom, October 2016

- Invited Talk, *The Effects of Early Psychosocial Deprivation on Brain and Behavioral Development: findings from the Bucharest Early Intervention Project*, ‘Educated Brain’ speaker series, University of Cambridge, Cambridge, United Kingdom, October 2016
- Invited Talk, *Brain Imaging as a Measure of Future Cognitive Outcomes: A study of children in Bangladesh exposed to multiple levels of adversity*. Department of Neuroscience, University of Virginia, Charlottesville, VA, November 2016
- Invited Talk, *Exposure to Early Adversity Can Undermine Healthy Brain Development*. CIFAR Forum on the Well-being of the World’s Children, London, United Kingdom, November 2016
- Invited Talk, *A Cognitive Neuroscience Approach to Early Identification of Autism*. New Directions in Neurodevelopmental Disorders Symposium, Harvard Medical School, Boston, MA, November 2016
- Invited Talk, *The Effects of Early Psychosocial Deprivation on Brain and Behavioral Development: Findings from the Bucharest Early Intervention Project*. University of Wisconsin Population Health Institute, Madison, WI, December 2016

## 2017

- Invited Talk, *Brain Imaging as a Measure of Future Cognitive Outcomes*. Early Child Development Measurement Framework, World Health Organization, Geneva, Switzerland, January 2017
- Invited Talk, *The Persistent, Long-Term Outcomes of Early Psychosocial Deprivation: An Introduction to the Bucharest Early Intervention Project*. Conselho Regional de Psicologia (Regional Council of Psychology), Sao Paulo, Brazil, January 2017
- Invited Talk, *Early Adversity and Its Life-Long Effects on Brain and Behavioral Development – The Case of Early Psychosocial Deprivation*. Art of Social Change, Harvard Law School, Cambridge, MA, February 2017
- Invited Talk, *Early Adversity and Its Life-Long Effects on Brain and Behavioral Development – The Case of Early Psychosocial Deprivation*. Law and Neuroscience Seminar, Harvard Law School, Cambridge, MA, February 2017
- Invited Talk, *The Effects of Early Life Adversity on Child and Brain Development*. International Executive Leadership Course in Early Childhood Development 2017, Center on the Developing Child at Harvard University, Cambridge, MA, March 2017
- Invited Talk, *The Effects of Early Psychosocial Deprivation on Brain Development and Behavior*. Spring Distinguished Speaker Series, Ohio State University College of Education and Human Ecology, Columbus, OH, March 2017
- Invited Talk, *The Effects of Early Experiences on Brain-Behavioral Development*. Child Psychotherapy, Continuing Medical Education, Harvard Medical School, Boston, MA, March 2017
- Invited talk, *The Effects of Early Psychosocial Deprivation on Brain Development and Behavior*. Allan L. Edwards Public lecture, University of Washington, Seattle, WA, April 2017
- Invited talk, *The Effects of Early Adversity on the Developing Brain*. Combined Harvard Child Residency Program, McLean Hospital, Belmont, MA, April 2017
- Invited talk, *The Effects of Early Psychosocial Deprivation on Brain-Behavioral Development*. Conte Center, University of California – Irvine, Irvine, CA, May 2017

- Invited talk, *The Effects of Early Adversity on the Developing Brain*. The World Bank, Washington, D.C., June 2017
- Invited talk, *The Effects of Early Psychosocial Deprivation on Brain-Behavioral Development*. The Society for International Research in Child and Adolescent Psychopathology, Amsterdam, the Netherlands, June 2017
- Invited talk, *The Effects of Zika Infection on Neurodevelopment*. Division of Developmental Medicine Center Meeting, Boston Children's Hospital, Boston, MA, August 2017
- Invited talk, *A User's Guide to Building a Brain*. Tulane Early Childhood Policy Leadership Institute, New Orleans, LA, September 2017
- Invited talk, *The Effects of Early Life Adversity on Child and Brain Development*. Tulane Early Childhood Policy Leadership Institute, New Orleans, LA, September 2017
- Invited talk, *Assessing the Impact of Adversity on Development: Update on the Bangladesh Study*. Gates Foundation Grand Challenges Meeting, Washington, D.C., October 2017
- Invited talk, *Effects of early psychosocial neglect on typical and atypical brain and behavioral development*. National Academy of Medicine Developmental Neurosciences: Do we know enough to prevent or reverse major behavioral disorders? Washington, D.C., October 2017
- Invited talk, *Predicting Autism from Infancy: The Development of Neural Endophenotypes*. National Institute of Mental Health Research Domain Criteria (RDoC) Unit webinar "Using the RDoC Framework in Developmental Research," October 2017
- Invited talk, *Sensitive Periods in Human Development: The Effects of Early Profound Deprivation on Brain-Behavioral Development*. James C. Harris Developmental Neuropsychiatry Forum, 64th Annual Meeting, American Academy of Child and Adolescent Psychiatry, Washington, DC, October 2017
- Invited talk, *Recovery from Severe Psychosocial Deprivation*. Brain & Behavior Research Foundation 29th Annual International Mental Health Research Symposium, New York, NY, October 2017
- Invited talk, *Revisiting core concepts in autism with new tools*. Harvard University, Cambridge, MA December 2017
- Invited talk, *Biomarkers in Neurodevelopment*, NINDS, Washington, DC, December 2017
- Invited talk, *Assessing the Impact of Adversity on Development*. International Center for Diarrheal Disease Research, Bangladesh (icddr,b), Dhaka, Bangladesh, December 2017

## 2018

- Invited talk, *Sensitive Periods in Human Development: The Effects of Early Profound Deprivation on Brain-Behavioral Development*. NYU Child Study Center, New York, NY, February 2018
- Invited talk, *Sensitive Periods in Human Development: The Effects of Early Profound Deprivation on Brain-Behavioral Development*. Psychology Department, Princeton University, Princeton, NJ, February 2018

- Invited talk, *Bangladesh Early Adversity Neuroimaging Project*. Canadian Institute for Advanced Research Conference Child and Brain Development Conference, Vancouver, British Columbia, February 2018
- Invited talk, *Bangladesh Early Adversity Neuroimaging Project*. Bill & Melinda Gates Foundation, Seattle, WA, February 2018
- Invited talk, *The Effects of Early Life Adversity on Child and Brain Development*. International Executive Leadership Course in Early Childhood Development 2018, Center on the Developing Child at Harvard University, Cambridge, MA, March 2018
- Invited talk, Center for Child Well-being and Development Annual Conference, University of Zurich, Zurich, Switzerland, March 2018
- Invited talk, *Bangladesh Early Adversity Neuroimaging Project*. Division of Newborn Medicine Research Seminar, Boston Children's Hospital, Boston, MA, March 2018
- Invited talk, *Early Adversity Undermines Healthy Brain Development*. Harvard Global Mental Health Open Day, Cambridge, MA, April 2018
- Invited talk, *Sensitive Periods in Human Development: The Effects of Early Profound Deprivation on Brain-Behavioral Development*. University of California, San Francisco, Department of Psychiatry, San Francisco, CA, April 2018
- Invited talk, *Bangladesh Early Adversity Neuroimaging Project*. University of California, San Francisco, Division of Child Psychiatry, San Francisco, CA, April 2018
- Invited talk, *Exposure to Early Adversity Can Undermine Healthy Brain Development*. Psychopathology and the developing brain symposium (Margaret Sheridan, Chair), Flux Satellite Meeting, Chapel Hill, NC, May 2018
- Invited talk, *The Effects of Early Life Adversity on Child and Brain Development*. Georgia Capital Defender conference "Fighting the death penalty, one client at a time 2018," Savannah, GA, May 2018
- Invited talk, *The Use of EEG and Evoked Potentials as Biomarkers in Neurodevelopmental Disorders*. Fulcrum Therapeutics, Cambridge, MA, May 2018
- Invited talk, *The Effects of Early Adversity on the Developing Brain*. Consolidated Seminar for fellows, McLean Hospital, Belmont, MA, May 2018
- Invited talk, *Exposure to Early Adversity Can Undermine Healthy Brain Development*. Symposium on "Neuroscience of Poverty, Adversity, Trauma: Mobilizing a decade of scientific evidence to help children in distress," Dart Center for Journalism and Trauma, Columbia University, New York, NY, June 2018
- Invited talk, *Sensitive Periods in Human Development: The Effects of Early Profound Deprivation on Brain-Behavioral Development*. Department of Neurology Grand Rounds, Massachusetts General Hospital, Boston, MA, July 2018
- Invited talk, *The Effects of Early Life Adversity on Child and Brain Development*. 5th Annual Tulane Early Childhood Policy Leadership Institute, Lafayette, LA, September 2018
- Invited talk, *A User's Guide to Building a Brain*. 5th Annual Tulane Early Childhood Policy Leadership Institute, Lafayette, LA, September 2018

- Invited talk, *The Effects of Early Life Adversity on Child and Brain Development*. Design of Innovative Public Policies to Transform the Future of Mexico, Monterrey, Mexico, October 2018
- Invited talk, *Sensitive Periods in Human Development*. Ann Rankin Cowan Lecture, University of North Carolina, Chapel Hill, NC, November 2018
- Invited talk, *The Effects of Early Adversity on the Developing Brain*. Invited talk to board of trustees, Bernard van Leer Foundation, the Hague, Netherlands, November 2018
- Invited talk, *The Use of EEG and Evoked Potentials as Biomarkers in Neurodevelopmental Disorders*. International Research Center for Neurointelligence (IRCN) International Symposium, University of Tokyo, Tokyo, Japan, December 2018
- Invited talk, *The Effects of Early Life Adversity on Child and Brain Development*. “Tracking Infant Brain Development” workshop with A\*Star Singapore, International Research Center for Neurointelligence (IRCN) International Symposium, University of Tokyo, Tokyo, Japan, December 2018

## 2019

- Invited talk, *Sensitive Periods in Human Development: The Effects of Early Profound Deprivation on Brain-Behavioral Development*. Grand Rounds, Department of Psychiatry, Boston Children's Hospital, Boston, MA, January 2019
- Keynote presentation, *Bangladesh Early Adversity Neuroimaging (BEAN) Project*. Global Child Poverty and Brain Development Conference, University of Pennsylvania, Philadelphia, PA, February 2019
- Invited talk, *The Effects of Early Life Adversity on Development: Implications for Understanding Trauma at the Border*. Trauma at the Border panel and discussion, Harvard Law School, Cambridge, MA, March 2019
- Invited talk, *The Effects of Early Adversity on the Developing Brain*. Boston Children’s Hospital Division of Developmental Medicine Center Meeting, Boston, MA, March 2019
- Invited talk, *Sensitive Periods in Human Development: The Effects of Early Profound Deprivation on Brain-Behavioral Development*. McLean Neuroscience Seminar, McLean Hospital, Belmont, MA, March 2019
- Invited talk, *Exposure to Profound Adversity Early in Life: The Bangladesh Early Adversity Neuroimaging (BEAN) Project*. CIFAR roundtable on Adversities, Development & New Interventions, Ottawa, ON, Canada, March 2019
- Invited talk, *The Bangladesh Early Adversity Neuroimaging (BEAN) Project*. Apollo Hospital, Dhaka, Bangladesh, April 2019
- Invited panelist and speaker, *Evaluation of Brain and Cognitive Development in the First Years of Life in Low- and Middle-Income Countries*. Measurement of Child Development and Caregiving panel, Implementation Research and Practice for Early Childhood Development Conference, Harvard School of Public Health, Boston, MA, April 2019
- Invited talk, Research to Social Change: Effects of the Bucharest Early Intervention Project on Child Protection in Romania. Presented with Nathan Fox, Charles Zeanah, and Bogdan Simion at the Global Mental Health Research without Borders Conference, National Institutes of Health, Bethesda, MD, April 2019
- Invited talk, *Exposure to Early Adversity Can Undermine Healthy Brain Development*. Law and Neuroscience Seminar, Harvard Law School, Cambridge, MA, April 2019

- Invited panelist, *Scientific Panel: Impact of Group Homes and Residential Care on Child Development. Family and Community Integration of Children under the UN Convention on the Rights of Persons with Disabilities (CRPD): Implications for Group Home and Residential Care of New Human Rights Standards and Findings from Research Webinar*, April 2019
- Invited talk, *Sensitive Periods in Human Development: The Effects of Early Profound Deprivation on Brain-Behavioral Development*. Developmental Science Initiative, University of Massachusetts – Amherst, Amherst, MA, April 2019
- Invited talk, *The Effects of Early Adversity on the Developing Brain*. Child Protection Executive Education Course, FXB Center, Harvard Chan School of Public Health, June 2019.