

Katherine E Travis, Ph.D.

Curriculum Vitae

September 2019

Academic History

- 2019-Present Assistant Professor (Research), Pediatrics
Stanford University School of Medicine, Stanford, CA
Division of Developmental-Behavioral Pediatrics
- 2015-2019 Instructor, Pediatrics
Stanford University School of Medicine, Stanford, CA
Division of Developmental-Behavioral Pediatrics
- 2012-2015 Postdoctoral Research Fellow
Stanford University School of Medicine, Stanford, CA
Division of Neonatology and Developmental Medicine
- 2011-2012 Postdoctoral Scholar
University of California San Diego
Department of Radiology
- 2005-2011 Ph.D. Neuroscience
University of California San Diego
Co-Advisors: Jeff Elman, Ph.D. and Eric Halgren, Ph.D.
- 1999-2003 B.A. Major in Neuroscience with minor in French
The Colorado College, Colorado Springs, CO
Cum Laude, Distinction in Neuroscience

Honors & Awards

- 2014 Young Investigator Award: Society for Developmental and Behavioral Pediatrics
- 2010 Fine Science Tools Award: Society for Neuroscience Abstract Competition, UCSD
- 2009 Chancellor's Interdisciplinary Collaboratories Scholarship Award, UCSD
- 2008 Kavli Institute for Brain and Mind Innovative Research Award, UCSD
- 2008 Chancellor's Interdisciplinary Collaboratories Scholarship Award, UCSD
- 2008 Center for Research in Language NIH Pre-Doctoral Training Fellowship, UCSD
- 2007 Institute for Neural Computation NIH Pre-Doctoral Training Fellowship, UCSD
- 2007 Kavli Institute for Brain and Mind Innovative Research Award, UCSD
- 2007 Honorable Mention Graduate Research Fellowship Program, NSF
- 2004 Post-baccalaureate Internship Training Award, NIH
- 2003 Faculty for Undergraduate Neuroscience Travel Award Winner, Society for Neuroscience
- 2003 Arnold B. Scheibel Neuroscience Award, Colorado College
- 2003 First Place Research Presentation, Colorado-Wyoming Academy of Sciences
- 2003 Phi Beta Kappa, Colorado College

Grant Funding

Current

- 2019-2022 NIH- National Institute of Child Health and Human Development R00 HD084749-01A1: *Listening to Mom in the NICU: Neural, Clinical and Language Outcomes (PI)*, direct costs: \$728,338
- 2019-2020 Maternal and Child Health Research Institute (Stanford): *Characterizing white matter microstructure of optic pathway gliomas in children with Neurofibromatosis Type I (co-I; PI: Cynthia Campen)*, direct costs: \$35,000

Completed Funding

- 2018-2019 Maternal and Child Health Research Institute (Stanford): *The Starling project: Evaluation of a novel device for characterizing the language environment of the NICU (co-I; PI: Melissa Scala)*, direct costs: \$35,000
- 2016-2019 NIH- National Institute of Child Health and Human Development K99 HD084749-01A1: *Listening to Mom in the NICU: Neural, Clinical and Language Outcomes (PI)*, direct costs: \$255,366
- 2014-2016 Society for Developmental and Behavioral Pediatrics Young Investigator Research Award (**PI**), direct costs: \$10,000
- 2013-2014 Center for Cognitive and Neurobiology Imaging Seed Grant (Stanford), direct costs: (**PI**), direct costs: \$5,000

Submitted for Funding

- Gerber Foundation: *Assessing the language environment of the NICU: Impacts on cardiorespiratory, growth, and neural outcomes in preterm infants (Co-PI; Co-PI: Melissa Scala)*
- NIH- National Institute of Child Health and Human Development R01: *Predicting language processing efficiency in preterm children: Social-environmental and neuro-biological factors (Co-I; PI: Heidi Feldman)*

Publications

Peer Reviewed Journal Articles

+Indicates trainee: current or former student, fellow, or postdoc. Consistent with the fields of cognitive neuroscience and pediatrics I take a senior (last) author role on articles in which a trainee in my lab is listed as first author.

- Dubner S+, Dodson CK+, Marchman VA, Ben-Shachar M, Feldman H, **Travis KE** (2019) White matter microstructure and cognitive outcomes in relation to neonatal inflammation in 6-year-old children born preterm. *Neuroimage: Clinical* 23:101832 [[PubMed](#)]
- Bruckert L, Borchers LR, Dodson CK, **Travis KE**, Marchman VA, Ben-Shachar M, Feldman HM (2019). White matter plasticity in reading-related pathways differ in children born preterm and at term: A longitudinal analysis. *Frontiers in Human Neuroscience*. 13:139. [[PubMed](#)]

- Travis KE**, Castro MRH, Berman S, Dodson CK, Mezer A, Ben-Shachar M, Feldman HM (2019) More than Myelin: Probing white matter differences in prematurity with quantitative T1 and dMRI. *Neuroimage: Clinical* 22:101756. doi: 10.1016/j.nicl.2019.101756. [[PubMed](#)]
- Borchers LR, Bruckert L, **Travis KE**, Dodson CK, Loe IM, Marchman VA, Feldman HM (2019) Predicting text reading skills in children born preterm and full term at age 8 years. *Early Human Development*. 130:80-86 [[PubMed](#)]
- Bruckert L, Yablonski M, Borchers LR, **Travis KE**, Ben-Shachar M, Feldman HM, Yeom KW (2019) Age-dependent white matter characteristics of the cerebellar peduncles. *Cerebellum*. doi: 10.1007/s12311-018-1003-9. [[PubMed](#)]
- Borchers LR, Bruckert L, Dodson CK, **Travis KE**, Marchman VA, Ben-Shachar M, Feldman HM (2018) Microstructural properties of white matter pathways in relation to subsequent reading abilities in children: a longitudinal analysis. *Brain Structure and Function*. 224: 891-905 [[PubMed](#)]
- Dodson C, **Travis KE**, Borchers LR, Marchman, VA, Ben-Shachar M, Feldman HM (2018) White Matter properties associated with pre-reading skills in 6-year-old children born preterm and at term. *Developmental Medicine & Child Neurology*. 60:695-670. [[PubMed](#)]
- Dodson C, **Travis KE**, Ben-Shachar M, Feldman HM (2017) White matter microstructure of 6-year old children born preterm and full term. *Neuroimage Clinical*. 16: 268-275. [[PubMed](#)]
- Travis KE***, Adams JN*, Kovachy V, Ben-Shachar M, Feldman HM (2017) White matter differences in 6-year old Readers and Pre-Readers. (*Equally contributing co-first authors) *Brain Structure and Function*. 222:1685-1703. [[PubMed](#)]
- Travis KE**, Ben-Shachar M, Myall NJ, Feldman HM (2016). Variations in the neurobiology of reading in children and adolescents born full term and preterm. *Neuroimage: Clinical*. 11:555-565. [[PubMed](#)]
- Travis KE***, Adams JN*, Ben-Shachar M, Feldman HM (2015) Decreased and Increased Anisotropy along major cerebral white matter tracts in preterm children and adolescents. *PLoSOne*. 10:e0142860 (*Equally contributing co-first authors) [[PubMed](#)]
- Travis KE***, Golden N*, Feldman HM, Solomon M, Nguyen J, Mezer A, Yeatman JD, Dougherty RF (2015). Abnormal white matter properties in adolescent girls with anorexia nervosa. *NeuroImage: Clinical* 9:648-659 (*Equally contributing co-first authors) [[PubMed](#)]
- Travis KE**, Leitner Y, Ben-Shachar M, Yeom K, Feldman HM (2015). Case Series: Fractional anisotropy profiles of the cerebellar peduncles in adolescents born preterm with ventricular dilation. *J Child Neurology*. 31:321-327. [[PubMed](#)]
- Travis KE**, Leitner Y, Feldman HM, Ben-Shachar M (2015). Cerebellar white matter pathways are associated with reading skills. *Human Brain Mapping*. 36:1536-1553
- Leitner Y*, **Travis KE***, Ben-Shachar M, Yeom KW, Feldman HM (2015). Tract profiles of the cerebellar white matter pathways in children and adolescents. *Cerebellum*. 14:613-623 (*Equally contributing co-first authors) [[PubMed](#)]

- Travis KE**, Curran, M, Torres C, Leonard MK, Brown TT, Dale AM, Elman JL, Halgren E (2013). Age-related changes in tissue signal properties occur within cortical regions important for word understanding in 12-19 month old infants. *Cerebral Cortex*. 24:1948-1955. [[PubMed](#)]
- Chan AM, Dykstra AR, Jayaram V, Leonard MK, **Travis KE**, Baker JM, Eskandar E, Halgren, Cash SS (2013). Speech-specific tuning of neurons in human superior temporal gyrus. *Cerebral Cortex*. 24:2679-2693. [[PubMed](#)]
- Travis KE***, Leonard MK*, Chan A*, Torres C, Sizemore ML, Zhe Q, Eskandar E, Dale AM, Elman JL, Cash SS, Halgren E (2012). Independence of early speech processing from word meaning. *Cerebral Cortex*. 23:2370-2390 (*Equally contributing co-first authors) [[PubMed](#)]
- Leonard MK*, Ferjan-Ramirez N*, Torres C, **Travis KE**, Hatrak M, Mayberry RI, Halgren E (2012). Signed words in the congenitally deaf evoke typical late lexicosemantic responses with no early visual responses in left superior temporal cortex. *J. Neuroscience* 32:9700-9705. (*Equally contributing co-first authors) [[PubMed](#)]
- Leonard, MK, Torres C, **Travis KE**, Brown TT, Hagler DJ, Dale AM, Elman JL, Halgren, E (2011). Language proficiency modulates the recruitment of non-classical language areas in bilinguals. *PLoS ONE*, 6(3): e18240. doi:10.1371/journal.pone.0018240. [[PubMed](#)]
- Travis KE**, Leonard MK, Brown, TT, Hagler DJ, Curran M, Dale AM, Elman J, Halgren E (2011). Spatiotemporal neural dynamics of word understanding in 12-18 month old infants. *Cerebral Cortex*. 21: 1818-1826. [[PubMed](#)]
- Semendeferi K, Teffer K, Buxhoeveden DP, Park MS, Bludau S, Amunts K, **Travis KE**, Buckwalter J (2010). Spatial organization of neurons in the frontal pole sets humans apart from great apes. *Cerebral Cortex*. 21: 1485-1497. [[PubMed](#)]
- Leonard MK, Brown TT, **Travis KE**, Gharapetian L, Hagler DJ, Dale AM, Elman JL, Halgren E (2010). Spatiotemporal dynamics of bilingual word processing. *Neuroimage*, 49, 3286-3294. [[PubMed](#)]
- Lawrence JJ, Saraga F, Churchill JF, Statland JM, **Travis KE**, Skinner FK, McBain CJ (2006). Somatodendritic Kv7/KCNQ2/M channels control interspike interval in hippocampal interneurons, *Journal of Neuroscience*, 47, 12325-38. [[PubMed](#)]
- Travis KE**, Ford K, Jacobs B (2005). Regional dendritic variation in neonatal human cortex: A quantitative Golgi analysis. *Developmental Neuroscience*, 27, 277-287. [[PubMed](#)]

Manuscripts in Preparation

Travis KE, Bruckert L, Mezer A, Ben-Shachar M, Feldman HM (in preparation) Interrogating white matter tissue properties underlying reading and receptive and expressive language abilities in 8 year old children.

Dubner S+, Rose J, Feldman H., **Travis KE**. (in preparation) Near term white matter microstructure and language outcomes in 2-year-old children born preterm.

Bruckert L, **Travis KE**, Mezer AA, Ben-Shachar M, Feldman HM (in preparation) Associations
Katherine E Travis

of reading efficiency with white matter properties of the cerebellar peduncles: Replication and extension

Scala M, Marchman V, Godenzi C, Gao C, **Travis KE**. (in preparation) Developmental Care: An opportunity for language enrichment in the NICU?

Book Chapters

Travis KE and Golden N. (2016) Adolescent Anorexia Nervosa, Abnormal White Matter Properties In. Encyclopedia of Feeding and Eating Disorders. Springer

Presentations

Invited Talks:

* indicates primary presenter

Travis KE* [Invited Research Talk] Interrogating white matter properties in children born preterm using diffusion and quantitative T1 MRI. *Society for Brain Mapping and Therapeutics 15th Annual Congress*, Los Angeles, CA (April 2018).

Travis KE*. [Invited Research Talk, Jessica Rose, PhD, Stanford]. Abnormal white matter properties in adolescent girls with Anorexia Nervosa. *Maternal and Child Health Annual Meeting*, Stanford University, Stanford, CA (March 2016).

Travis KE*. [Invited Research Talk, Patricia Kuhl, Ph.D, University of Washington]. Investigating the spatiotemporal neural dynamics of lexico-semantic activity in 12-18 month old infants by combining magnetoencephalography and magnetic resonance imaging. *161st Meeting of the Acoustical Society of America*. Seattle, WA. (May 2011).

Travis KE*. [Invited Talk, Neuroscience Graduate Program]. Neural correlates of auditory word processing in infants and adults. *University of California, San Diego Neuroscience Program Retreat Invited Talk*. Lake Arrowhead, CA (May 2011).

Leonard MK*, **Travis KE***. [Invited Talk, Aniruddh Patel, Ph.D., *The Neurosciences Institute*]. Early and late stages of word processing across development, languages, and modalities. *The Neurosciences Institute*. La Jolla, USA (April 2011).

Conference Talks:

Dubner S*, Rose J, Feldman H, **Travis KE**. [Platform Presentation] Near term white matter microstructure and language outcomes in 2-year-old children born preterm. *Pediatric Academic Society*, Baltimore, MD (April 2019)

Travis KE* [Selected Presentation] More than Myelin: Interrogating white matter tissue properties underlying receptive and expressive language abilities in 8 year old children *Society for the Neurobiology of Language, Quebec City, Quebec, Canada* (August 2018).

Feldman HM* and **Travis KE*** [Invited Conference Presentation] Long-range white matter connectivity in school aged children born preterm: Microstructural properties and neurodevelopmental outcomes. *Pediatric Academic Society*, San Francisco, CA (May 2017).

Dodson CK*. **Travis KE**, Borchers LR, Marchman VA, Ben-Shachar M, Feldman HM [Conference Presentation] White matter properties of 6-year-old readers and pre-readers born preterm and full term. *Pediatric Academic Society*, San Francisco, CA (May 2017).

Dodson CK*. **Travis KE**, Borchers LR, Ben-Shachar M, Feldman HM [Conference Presentation] White matter microstructure on diffusion magnetic resonance imaging in 6-year-old children born preterm *Western Society of Pediatric Research, Carmel, CA* (January 2017).

Travis KE*, Feldman HM*. White Matter Matters: Understanding structural brain connectivity [Workshop Presentation]. *Society for Developmental and Behavioral Pediatrics*, Las Vegas, NV USA (October 2015).

Travis KE*, Leitner Y, Ben-Shachar, Feldman HM. [Conference Presentation]. Diffusion properties of the cerebellar peduncles are associated with reading skills in pre-term and full-term children. *Society for Neuroscience*. San Diego, CA (November 2013).

Travis KE*. [Conference Presentation]. Spatiotemporal Neural Dynamics of Familiar Word Processing in Human Infants. *Kavli Institute for Brain and Mind Symposium*. Salk Institute, San Diego, CA (May 2009).

Travis KE*. [Conference Presentation]. Spatiotemporal neural dynamics of word knowledge in infants. *Center for Research in Language Seminar Series*. University of California, San Diego, CA. (May 2008).

Conference Posters

Travis KE, Dubner S, Feldman HM [Abstract/Poster] Reading abilities in relation to quantitative T1 MRI metrics for assessing myelin content in 8-year old children born preterm. *Society for Developmental Behavioral Pediatrics*, Washington, DC (Sept 2019)

Scala M., Marchman V., Godenzi C., Gao C., **Travis KE**. [Abstract/Poster] Developmental Care: An opportunity for language enrichment in the NICU? *Pediatric Academic Society*, Baltimore, MD (April 2019)

Gao C, Feldman HM, **Travis KE** [Abstract/Poster] Premature infants' cardiac response to maternal speech. *Western Society for Pediatric Research Carmel, CA* (January 2019)

Dubner S, **Travis KE**, Feldman HM [Abstract/Poster] Neonatal inflammation is associated with alterations in corpus callosum white matter structure at 6 years. *Society for Developmental and Behavioral Pediatrics*. Anaheim, CA. (September 2018)

Bruckert L, **Travis KE**, Mezer AA, Ben-Shachar M, Feldman HM [Abstract/Poster] Reading efficiency is associated with fractional anisotropy, but not with myelin content, in the superior cerebellar peduncles. *Society for the Neurobiology of Language*, Quebec City, Canada (August 2018)

Castro MR, **Travis KE**, Berman S, Mezer A, Ben-Shachar M, Feldman HM [Abstract/Poster] Characterizing white matter tracts in 8-year-old children born preterm and full term using diffusion and quantitative magnetic resonance imaging. *Society for Neuroscience*, Washington DC (November 2017)

- Bruckert L, **Travis KE**, Ben-Shachar M, Feldman HM [Abstract/Poster] Can microstructural properties of cerebellar pathways improve prediction of reading skills in children? *Society for the Neurobiology of Language*, Baltimore, MD (November 2017)
- Borchers LR, Nguyen TH, Bruckert L, **Travis KE**, Ben-Shachar M, McCandliss BD, Feldman HM [Abstract/Poster] Developmental change in cerebellar white matter pathways is associated with reading proficiency in children. *Society for the Neurobiology of Language*, Baltimore, MD (November 2017)
- Bruckert L, **Travis KE**, Ben-Shachar M, Feldman HM, Yeom KW. [Abstract/Poster] Tracking the development of cerebellar white matter from infancy to age 8 years *Pediatric Academic Society*, San Francisco, CA (May 2017)
- Borchers LR, Marchman VA, **Travis KE**, Dodson C Kovachy VN, Ben-Shachar M, Feldman HM, Dodson V, Vanessa N. Can white matter properties at age 6 years improve predictions of reading skills at age 8 years? *Pediatric Academic Society*, San Francisco, CA (May 2017)
- Travis KE**, Golden NH, Feldman HM, Solomon M, Nguyen J, Mezer A, Yeatman JD, Dougherty RF. Abnormal white matter properties in adolescent girls with anorexia nervosa. *International Conference on Eating Disorders*, San Francisco, CA, USA (May 2016)
- Golden NH, **Travis KE**, Feldman HM, Solomon M, Nguyen J, Mezer A, Yeatman JD, Dougherty RF. Abnormal white matter properties in adolescent girls with anorexia nervosa. *Society for Adolescent Health and Medicine*, Washington, DC, USA (March 2016)
- Travis KE**, Adams J, Kovachy V, Ben-Shachar M, Feldman HM. Microstructural white matter differences between 6-year old readers and prereaders. *Society for Neurobiology of Language and Society for Neuroscience*, Chicago, IL USA (October 2015)
- Adams J, **Travis KE**, Kovachy VN, Ben-Shachar M, Feldman HM. White matter microstructure in 6-year old children born preterm and full term: A diffusion MRI tractography study. *Pediatric Academic Societies*, San Diego, CA USA (April 2015)
- Travis KE**, Leitner Y, Ben-Shachar M, Feldman HM. [Poster Presentation]. Language and reading skills are associated with diffusivity properties of cortical white matter tracts in full term and pre-term children: A DTI tractography study. *Pediatric Academic Societies*, Vancouver BC Canada (May 2014)
- Travis KE**, Leitner Y, Ben-Shachar, Feldman HM. Diffusion properties of the cerebellar peduncles are associated with reading skills in pre-term and full-term children. *Society for the Neurobiology of Language*. San Diego, CA (November 2013).
- Durand, VN, **Travis KE**, Feldman HM. Pre-reading and reading skills in preterm and full term 6 year old children. *Society for Developmental and Behavioral Pediatrics*. Baltimore, MD. (September 2013).
- Travis KE**, Leitner Y, Ben-Shachar M, Feldman HM. Diffusion tensor imaging of cerebellar tracts in preterm and full term 9-16 year old. *Organization for Human Brain Mapping*, Seattle, WA (2013).

- Leitner Y, **Travis KE**, Yeom K, Loe IM, Feldman HM, Ben-Shachar M. [Abstract/Poster] Diffusion tensor imaging of intra- and extra-cerebellar tracts in preterm and full term 9-16 year old. *Pediatric Academic Society*, Washington, D.C. (2013)
- Leonard MK*, **Travis KE***, Torres C, Sizemore ML, Zhe Q, Dale AM, Elman JL, Halgren E. [Abstract/Poster] Independence of early speech processing from word meaning. *Society for the Neurobiology of Language*. Washington, D.C. (2011).
- Leonard MK*, **Travis KE***, Torres C, Sizemore ML, Zhe Q, Dale AM, Elman JL, Halgren E. [Abstract/Poster] Independence of early speech processing from word meaning. *Society for the Neurobiology of Language*. Annapolis, MD. (2011).
- Travis KE**, Leonard MK, Curran M, Hagler DJ, Dale AM, Elman J, Halgren E., [Abstract/Poster] Lexico-semantic processes indexed by the infant N400m rely on similar left frontotemporal language areas as in adults. *Society for Neuroscience*. San Diego, CA. (November 2010).
- Leonard MK, Torres C, **Travis KE**, Brown TT, Hagler DJ, Dale AM, Elman JL, Halgren E. [Abstract/Poster]. Bilateral posterior activity is modulated by proficiency in the bilingual brain. *Society for Neuroscience*, San Diego, CA (November 2010).
- Travis KE**, Leonard MK, Curran M, Hagler DJ, Dale AM, Elman J, Halgren E. [Abstract/Poster] Lexico-semantic processes indexed by the infant N400m rely on similar left frontotemporal language areas as in adults. *Neurobiology of Language Conference*. San Diego, CA. (November 2010).
- Leonard, MK, Torres C, **Travis KE**, Brown TT, Hagler DJ, Dale AM, Elman JL, Halgren E. [Abstract/Poster]. Bilateral posterior activity is modulated by proficiency in the bilingual brain. *Neurobiology of Language Conference*, San Diego, CA. (November, 2010).
- Travis KE**, Ellis E, Leonard MK, Curran M, Garvin A, Sherfey J, Halgren E, Evans JL, Elman J. [Abstract/Poster] Investigation of N400m brain activity in an 18 month old infant at risk for Specific Language Impairments using anatomically constrained magneto-encephalography (aMEG). *Symposium on Research in Child Language Disorders*. Madison, WI. (June 2010).
- Travis KE**, Ellis E, Leonard MK, Curran M, Garvin A, Sherfey J, Halgren E, Evans JL, Elman J. [Abstract/Poster] N400m-like activity to auditory words observed in 14 to 18 month old infants with varying language abilities. *International Society for Infant Studies*. Baltimore, MD. (March 2010).
- Travis KE**, Halgren E, Leonard MK, Brown TT, Hagler DJ, Dale AM, Elman J [Abstract/Poster] Multimodal Neuroimaging of Early Word Knowledge in Human Infants: A Novel MEG-MRI Approach Reveals a N400m-like MEG Response. *Society for Research in Child Development*, Denver, CO. (April 2009).
- Teffer K, Park MS, **Travis KE**, Buxhoeveden D, Semendeferi K. [Abstract/Poster] A comparative analysis of minicolumns in association versus primary motor, sensory and visual cortex in apes and humans. *American Association of Physical Anthropologists*. Chicago, IL. (April 2009).

Travis KE, Halgren E, Leonard MK, Brown TT, Hagler DJ, Dale AM, Elman J.
[Abstract/Poster] Multimodal Neuroimaging of Early Word Knowledge in Human Infants: A Novel MEG-MRI Approach Reveals a N400m-like MEG Response. *Cognitive Neuroscience Society*. San Francisco, CA. (March 2009).

Leonard MK, Brown TT, **Travis KE**, Gharapetian L, Erhart M, Halgren E, Elman J.
[Abstract/Poster]. The spatiotemporal dynamics of bilingual lexico-semantic representations. *Cognitive Neuroscience Society*. San Francisco, CA. (March 2009).

Travis KE, Leonard MK, Brown TT, Hagler DJ, Huang M, Dale AM, Halgren E, Elman J.
[Abstract/Poster] Multimodal neuroimaging of early word knowledge in human infants: A novel MEG-MRI approach. *Society for Neuroscience*. Washington, D.C. (November 2008).

Research Mentoring and Teaching

Stanford University School of Medicine

Fellows

2017-Present Sarah Dubner, MD, Developmental-Behavioral Pediatrics Fellow
2014-2016 Wilson Chwang, MD/PhD, Neuroradiology Fellow

Postdoctoral Scholars

2019-Present Edith Brigononi-Perez, PhD
2016-Present Lisa Bruckert, PhD

Undergraduate Thesis Students

2018-Present Komal Kumar, Human Biology
2017-Present Courtney Gao, Human Biology
2016-2017 Maria Castro, Human Biology
*Firestone Thesis Award Winner

Research Assistants

2018-Present Claire Godenzi
2012-2014 Jenna Adams, (current Neuroscience PhD Candidate UC Berkeley)
2015-2018 Cory Dodson (current medical student, University of Michigan)
2016-2018 Lauren Borchers (current psychology PhD student, Stanford University)
2017 Veena Agusala, Biology

University of California San Diego

2006 Clinical correlation Section Leader, Medical School MS1 Basic Neurology
Supervising faculty: Mark Kritchevsky, MD
2007 Laboratory assistant, Brainstem Lecture, Medical School MS1 Basic Neurology
Supervising faculty: Mark Kritchevsky, MD

Colorado College

2002-2004 Teaching and Lab Assistant, Introductory Neuroscience
2003-2004 Teaching and Lab Assistant, Colorado College - Tzu Chi University Biology and Chinese Culture Exchange Program
Courses Assisted: Cell Biology, Neuroscience, Cultural Psychology
2009 Visiting Course Lecturer, Introduction to Psychology, Block 2, Psychology Department Chair: Patricia Waters, PhD

Ad Hoc Reviewer

Archives of Disease in Childhood
Brain Structure and Function
Cerebral Cortex
Child Development
Cerebellum
Developmental Cognitive Neuroscience
Developmental Neuropsychology
Human Brain Mapping
Journal of Neuroscience
Journal of Pediatrics
Neuroimage
Neuroimage: Clinical
Neuropsychologia
Psychophysiology
PlosOne
Proceedings of the National Academy of Sciences

Professional Memberships

Society for Neuroscience
Society for the Neurobiology of Language
Society for Developmental and Behavioral Pediatrics
Cognitive Neuroscience Society
Society for Research in Child Development
International Congress for Infant Studies
* not all current

Academic and Community Service

2019	The Wellcome Trust, UK and Government of India Early Career Fellowship, Ad Hoc Reviewer
2019	Society for the Neurobiology of Language Abstract Reviewer
2018	Israel Science Foundation, Ad Hoc Reviewer
2018	Society for the Neurobiology of Language Abstract Reviewer
2006-2011	Director, UCSD Neuroscience graduate student neuroscience outreach program. Faculty advisor: Andrea Chiba, PhD
2013-2016	Mentor, Association for Women in Sciences, Stanford University
2013-2016	Volunteer, Brain Day classroom teacher, Stanford University
2008-2010	Admissions Committee Member, UCSD Neuroscience graduate student representative. Chair: Ed Calloway, PhD. Program Director: Anirvan Ghosh, PhD
2006-2011	Student volunteer, UCSD Neuroscience graduate student neuroscience outreach program, University of California, San Diego