

Daniel Kennedy, Ph.D.

Curriculum Vitae

Contact Information

Indiana University
 Psychological and Brain Sciences
 1101 E. 10th Street
 Bloomington, IN 47405

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Academic History

- 2013 – present Program in Cognitive Science; Indiana University
- 2012 – present Program in Neuroscience, Indiana University
- 2012 – present Assistant Professor – Department of Psychological and Brain Sciences
 Social Brain and Cognition Laboratory
 Indiana University, Bloomington, IN
- 2012 – 2015 Visiting Associate in Neuroscience, California Institute of Technology
- 2007 – 2012 Postdoctoral Scholar in Neuroscience
 California Institute of Technology
 Advisor: Dr. Ralph Adolphs
- 2002 – 2007 Ph.D. in Neurosciences
 University of California, San Diego
 Advisor: Dr. Eric Courchesne
 Thesis: *Functional Abnormalities of the Default Network in Autism*
- 1998 – 2002 B.S. in Psychobiology with Honors
 Binghamton University, NY

Grants / Fellowships

Completed or in progress:

- 2017-2022 NIMH R01 – Funded. Role: PI. Score: 27 (16th percentile). Total Direct: \$1,716,950
 Title: Using complex video stimuli to elucidate atypical brain functioning in ASD.
- 2016-2017 Indiana University Collaborative Research Grant – IUCRG (\$75,000)
 Development of a Novel Technology-based Self-Reflection Intervention for Autism Spectrum Disorder
- 2013-2015 NARSAD Young Investigator Grant from the Brain and Behavior Research Foundation (\$30,000/year)
- 2011-2016 K99/R00 NIMH Pathway to Independence Award (\$927,000 total)
- 2007-2008 Della Martin Postdoctoral Fellowship in Mental Health (\$40,000/year)

Trainee Grants:

- NSF GRFP predoctoral fellowship to Jennifer Bush (awarded 2014)
- FQRNT predoctoral fellowship to Xavier Morin Duchesne (2014-2016)
- Developmental Training Grant Postdoctoral Fellowship to Lisa Byrge (awarded 2016-2018)

Developmental Training Grant Predoctoral Fellowship to Grace Lisandrelli (awarded 2016-2018)

Honorable Mention: NSF GRFP Predoctoral fellowship to Grace Lisandrelli (Honorable Mention)

Awards/Honors

2013	NARSAD/BBRF Young Investigator Award
2008	IMFAR Dissertation Award for best biological dissertation on autism
2005	UCSD Neurosciences Retreat talk: 1 of 3 talks, invited by fellow graduate students
2002	Honorable Mention for NSF Predoctoral Graduate Research Fellowship
2002	Honorable Mention for Howard Hughes Predoctoral Fellowship
2002	John L. Fuller Award for Excellence in Undergraduate Research in Psychobiology
2001	Binghamton University Foundation Undergraduate Research Grant
2000	Phi Beta Kappa National Honor Society
2000	Golden Key National Honor Society
1999	Phi Eta Sigma Freshman Honor Society
1998-2002	Dean's List at Binghamton University, 7 semesters

Publications (underlined = student/trainee author)

Kennedy, D.P., Bölte, S., D'Onofrio, B., Lichtenstein, P., & Falck-Ytter, T. (under review). Genetic influence on eye movements to complex scenes at short timescales.

Pantelis, P.C. & **Kennedy, D.P.** (under review). Deconstructing atypical eye gaze perception in autism.

Falck-Ytter, T., Pettersson E., Bölte, S., D'Onofrio, B., Lichtenstein, P., & **Kennedy, D.P.** (under review). Intrusive saccades as an endophenotype for Attention-Deficit/Hyperactivity symptoms: A twin study.

Bush, J.C., & **Kennedy, D.P.** (under review). Relative Contributions of Broader Autism Phenotype Subdomains to Social Relationships, Loneliness, and Depression.

Sasson, N.J.*, Faso, D.J., Nugent, J.F., Lovell, S., **Kennedy, D.P.***, & Grossman, R.B.* (2017). Neurotypical peers are less willing to interact with those with autism based on thin slice judgments. *Scientific Reports*, 7:40700. (* = equal contribution)

Pantelis, P.C., & **Kennedy, D.P.** (2017). Autism does not limit strategic thinking in the "beauty contest" game. *Cognition*, 160: 91-97.

Adriana Di Martino, David O'Connor*, Bosi Chen*, Kaat Alaerts, Jeffrey S. Anderson, Michal Assaf, Joshua H. Balsters, Leslie Baxter, Anita Beggato, Sylvie Bernaerts, Laura Blanken, Susan Y. Bookheimer, Blair Braden, Lisa Byrge, F. Xavier Castellanos, Mirella Dapretto, Richard Delorme, Damien A. Fair, Inna Fishman, Jaqueline Fitzgerald, Louise Gallagher, R. Joanne Jao Keehn, **Daniel P. Kennedy**, Janet E. Lainhart, Beatriz Luna, Stewart H. Mostofsky, Ralph-Axel Müller, Mary Beth Nebel, Joel T. Nigg, Kristen O'Hearn, Marjorie Solomon, Roberto Toro, Chandan J. Vaidya, Nicole Wenderoth, Tonya White, R. Cameron Craddock, Catherine Lord, Bennett Leventhal, Michael P. Milham (accepted). Enhancing studies of the connectome in autism using the Autism Brain Imaging Data Exchange II. *Scientific Data*, 4:170010. (* = equal contribution)

Gedek, H.M., Pantelis, P.C., & **Kennedy, D.P.** (2016). The influence of presentation modality on the social comprehension of naturalistic scenes in adults with autism spectrum disorder. *Autism*. Epub ahead of print.

Pantelis, P.C., & **Kennedy, D.P.** (2016). Prior expectations about where other people are likely to direct their attention systematically influence gaze perception. *Journal of Vision*. 16:1-12.

Wang, S., Jiang, M., Morin Duchesne, X., Laugeson, E.A., **Kennedy, D.P.**, Adolphs, R., & Zhao, Q. (2015). Atypical visual saliency in autism spectrum disorder quantified through model-based eye tracking. *Neuron*. 88:604-616.

Lough, E., Hanley, M., Rodgers, J., South, M., Kirk, H., **Kennedy, D.P.**, & Riby, D.M. (2015). Violations of personal space in young people with autism spectrum disorders and Williams Syndrome: Insights from the Social Responsiveness Scale. *Journal of Autism and Developmental Disorders*. [epub ahead of print].

Kennedy, D.P., Paul, L.K., & Adolphs, R. (2015). Brain connectivity in autism: the significance of null findings. [Invited commentary], *Biological Psychiatry*. 78:81-82.

Bush, J.C.*, Pantelis, P.C.*, Kagemann, S., Morin Duchesne, X., & **Kennedy, D.P.** (2015). Looking through the eyes of others: The

Gaze-Replay Paradigm. *PLoS ONE*, 10:e0134347. [* = equal contribution]

- Pantelis, P.C., & **Kennedy, D.P.** (2015). Estimation of the prevalence of Autism Spectrum Disorder in South Korea, revisited. *Autism*, p.1-11, doi:10.1177/1362361315592378.
- Byrge, L.*, Dubois, J.*, Tyszka, J.M., Adolphs, R., & **Kennedy, D.P.** (2015). Idiosyncratic brain activation patterns are associated with poor social comprehension in autism. *Journal of Neuroscience*, 35:5837-5850.
- Pantelis, P.C., Byrge, L., Tyszka, J.M., Adolphs, R., & **Kennedy, D.P.** (2015). Atypical response of right temporo-parietal junction/posterior superior temporal sulcus in autism to socially awkward situations. *Social Cognitive and Affective Neuroscience*.
- Bush, J.C., & **Kennedy, D.P.** (2015). Aberrant social attention and its underlying neural correlates in adults with Autism Spectrum Disorder. In: *The Many Faces of Social Attention: Behavioral and Neural Measures* (Eds. Puce A & Bertenthal B). Cham, Switzerland: Springer.
- Kennedy, D.P.**, & Adolphs, R. (2014). Violations of personal space by individuals with autism spectrum disorders. *PLoS ONE*, 9(8): e103369.
- Paul, L.K., Corsello, C., **Kennedy, D.P.**, & Adolphs, R. (2014). Agenesis of the Corpus Callosum and Autism: a comprehensive comparison. *Brain*. 137:1813-1829.
- Di Martino, A., Li, Q., Yan, C-G, Denio, E., Castellanos, F.X., Alaerts, K., Anderson, J.S., Assaf, M., Bookheimer, S.Y., Dapretto, M., Deen, B., Delmonte, S., Dinstein, I., Ertl-Wagner, B., Fair, D.A., Gallagher, L., **Kennedy, D.P.**, Keown, C.L., Keyzers, C., Lainhart, J.E., Lord, C., Luna, B., Menon, V., Minshew, N., Monk, C.S., Mueller, S., Müller, R.-A., Nebel, M.B., Nigg, J.T., O'Hearn, K., Pelphrey, K.A., Peltier, S.J., Rudie, J.D., Sunaert, S., Thioux, M., Tyszka, J.M., Uddin, L.Q., Verhoeven, J.S., Wenderoth, N., Wiggins, J.L., Mostofsky, S.H., Milham, M.P. (2014). The Autism Brain Imaging Data Exchange: Toward a large-scale evaluation of the intrinsic brain architecture in autism. *Molecular Psychiatry*, 19:659-667.
- Tyszka, J.M.* , **Kennedy, D.P.***, Paul, L.K., & Adolphs, R. (2014). Largely typical patterns of resting-state functional connectivity in high functioning adults with autism. *Cerebral Cortex*, 24:1894-1905 (* = equal contribution).
- Vijayaraghavan, L., Adolphs, R., **Kennedy, D.P.**, Cassell, M., Tranel, D., & Paradiso, S. (2013). A selective role for right insula-basal ganglia circuits in appetitive stimulus processing. *Social Cognitive and Affective Neuroscience*. 8: 813-819.
- Kennedy, D.P.** & Adolphs, R. (2012). The social brain in psychiatric and neurological disorders. *Trends in Cognitive Sciences*. 16:559-572.
- Kennedy, D.P.** & Adolphs, R. (2012). Perception of emotions from facial expressions in high-functioning adults with autism. *Neuropsychologia*. 50:3313-3319.
- Tyszka, J.M., **Kennedy, D.P.**, Adolphs, R., & Paul, L.K. (2011). Intact bilateral resting-state networks in the absence of the corpus callosum. *Journal of Neuroscience*. 31: 15154-15162.
- Kennedy, D.P.**, & Adolphs, R. (2011). Neurobiology and Genetics: Amygdala. Chapter in *Encyclopedia of Autism Spectrum Disorders*. Fred R. Volkmar (Ed.).
- Kennedy, D.P.**, & Adolphs, R. (2011). Social Neuroscience: Stress and the city. *Nature (News and Views)*, 474: 452-453.
- Dastjerdi, M., Foster, B.L., Nasrullah, S., Rauschecker, A.M., Dougherty, R.F., Townsend, J., Chang, C., Greicius, M., Menon, V., **Kennedy, D.P.**, & Parvizi, J. (2011). Differential electrophysiological response during rest, self-referential and non-self-referential tasks in human posteromedial cortex. *PNAS*. 108: 3023-3028.
- Kennedy, D.P.**, & Adolphs, R. (2010). Impaired fixation to the eyes following amygdala damage arises from abnormal bottom-up attention. *Neuropsychologia*, 48(12): 3392-3398.
- Kennedy, D.P.**, Gläscher, J., Tyszka, J.M., Adolphs, R. (2009). Personal space regulation by the human amygdala. *Nature Neuroscience*. 12: 1226-1227.
- Kennedy, D.P.** (2009). Neural correlates of autistic traits in the general population: Insights into autism. *American Journal of Psychiatry* (Invited Editorial). 166: 849-851.
- Kennedy, D.P.** & Courchesne, E. (2008). Functional abnormalities of the default network during self- and other-reflection in autism. *Social Cognitive and Affective Neuroscience*. 3:177-190.

- Kennedy, D.P.** & Courchesne, E. (2008). The intrinsic functional organization of the brain is altered in autism. *Neuroimage*. 39: 1877-85.
- Redcay, E., **Kennedy, D.P.**, & Courchesne, E. (2007). Functional MRI during natural sleep as a method to study early functional brain development. *Neuroimage*. 38: 696-707.
- Courchesne, E., Pierce, K., Schumann, C.M., Redcay, E., Buckwalter, J.A., **Kennedy, D.P.**, & Morgan, J. (2007). Mapping early brain development in autism. *Neuron*. 56: 399-413.
- Kennedy, D.P.** & Squire, L.R. (2007). An analysis of calendar performance in two autistic calendar savants. *Learning & Memory*. 14: 533-8.
- Kennedy, D.P.**, Semendeferi, K., Courchesne, E. (2007). No reduction of spindle neuron number in fronto-insular cortex in autism. *Brain & Cognition*. 64: 124-9.
- Kennedy, D.P.***, Redcay, E.*, Courchesne, E. (2006). Failing to deactivate: Resting functional abnormalities in autism. *Proceedings of the National Academy of Sciences*. 103: 8275-80. (* = equal contribution)
- Courchesne, E., Redcay, E., Morgan, J.T., **Kennedy D.P.** (2005). Autism at the beginning: Microstructural and growth abnormalities underlying the cognitive and behavioral phenotype of autism. *Development and Psychopathology*. 17(3): 577-97.
- Courchesne, E., Redcay, E., **Kennedy D.P.** (2004). The autistic brain: birth through adulthood. *Current Opinion in Neurology*. 17(4): 489-96.
- Di Lorenzo, P.M., Hallock, R.M., **Kennedy, D.P.** (2003). Temporal coding of sensation: mimicking taste with electrical stimulation of the brain. *Behavioral Neuroscience*, 117(6): 1423-33.

Manuscripts in Preparation

- Byrge, L., & **Kennedy, D.P.** (in preparation). Residual relationships between motion and BOLD activity remain after preprocessing.
- Morin Duchesne, X. & **Kennedy, D.P.** (in preparation). Heterogeneous abnormalities in emotion perception of genuine dynamic expressions in individuals with ASD.
- Kennedy, D.P.**, Gandhi, N., Adolphs, R. (in preparation). Adults with autism display typical and consistent patterns of gaze when viewing dynamic social videos.

Conference Proceedings

- Pantelis, P.C. & **Kennedy, D.P.** (2016). Assessing a Bayesian account of human perception of another person's gaze. Cognitive Science Conference Proceedings.

Abstracts / Conference Talks

- Byrge, L., & **Kennedy, D.P.** (submitted). Head displacement has predictable temporally extended effects on the BOLD signal that persist after preprocessing and influence functional connectivity estimates. *SFN2017*, Washington DC.
- Douglas, J., Byrge, L., Lisandrelli, G., & **Kennedy, D.P.** (2017). Using complex dynamic video to examine neural processing in ASD: a semi-naturalistic fMRI study. *IMFAR 2017*, San Francisco, CA.
- Byrge, L., & **Kennedy, D.P.** (2017). Residual relationships between motion and BOLD activity remain after preprocessing. *IMFAR 2017*, San Francisco, CA.
- Siqueiros Sanchez, M., **Kennedy, D.P.**, Bölte, S., D'Onofrio, B., Lichtenstein, P., Falck-Ytter, T. (2017). The relation between visual disengagement and autistic traits: an eye-tracking study of 410 individuals. *IMFAR 2017*, San Francisco, CA.

- Byrge, L., & **Kennedy, D.P.** (2017). Residual relationships between motion and BOLD activity remain after preprocessing. *Cognitive Neuroscience Society*, San Francisco, CA. 2017.
- Pantelis, P.C., & **Kennedy, D.P.** (2016). Atypical eye gaze perception in autism spectrum disorder arises from heterogeneous perceptual mechanisms. *Vision Sciences Society*, 2016 meeting. St Pete Beach, FL. 2015.
- Kennedy, D.P.** (2015). Neural activity during free viewing of complex social interactions in individuals with autism. In Default mode network dysfunction in psychopathology (Symposium). *Association for Psychological Science (APS)*, New York City, May 2015. [talk]
- Morin Duchesne, X. & **Kennedy, D.P.** (2015) Social features impact visual exploration of naturalistic scenes. *Vision Science Society* 2015 meeting. St Pete Beach, FL. 2015.
- Byrge, L., Dubois, J., Tyszka, J.M., Adolphs, R., & **Kennedy, D.P.** (2015) Idiosyncratic brain activation patterns while viewing complex social situations are associated with poor social comprehension in autism. *Cognitive Neuroscience Society*, San Francisco, CA.
- Pantelis, P.C., Byrge, L., Tyszka, J.M., Adolphs, R., & **Kennedy, D.P.** (2015) Specific hypoactivation of right temporo-parietal junction in autism at the socially awkward moments of a sitcom. Poster and "Data Blitz" talk at *Cognitive Neuroscience Society*, San Francisco, CA.
- Bush, J.C., Pantelis, P.C., Morin Duchesne, X., Kagemann, S.A. & **Kennedy, D.P.** (2015). Do abnormal eye movements account for impaired social cognition in adults with ASD? *IMFAR*, Salt Lake City, Utah.
- Bush, J.C. & **Kennedy, D.P.** (2015). Relative contributions of BAP subdomains to social relationships and loneliness. *IMFAR*, Salt Lake City, Utah. [Selected as a talk].
- Pantelis, P.C., Gerstner, T., Sanik, K., Weinstein, A., Cholewiak, S.A., Kharkwal, G., Wu, C-C, Feldman, J., & **Kennedy, D.P.** (2014). Using autonomous virtual agents for a true psychophysics of theory of mind. Talk presented at the 47th Annual Meeting of the Society for Mathematical Psychology. Quebec City, Canada.
- Kennedy, D.P.**, Gandhi, N., & Adolphs, R. Adults with autism display increased gaze to low-level visual features when viewing dynamic social videos. *IMFAR*, Atlanta, May 2014. [Talk]
- Byrge, L., Tyszka, J.M., DuBois, J., Adolphs, R., & **Kennedy D.P.** Default network activity during free viewing of semi-naturalistic social interactions differs in autism. *Cognitive Neuroscience Society (CNS)*, Boston, April 2014.
- Kennedy, D.P.**, Gandhi, N., & Adolphs, R. Adults with autism show atypical, but consistent, patterns of gaze to dynamic social stimuli. *Society for Neuroscience*, San Diego, November 2013. [Nanosymposium talk & chair]
- Byrge, L., Tyszka, J.M., Adolphs, R., & **Kennedy D.P.** Evoked activity during free viewing of semi-naturalistic social interactions in autism. *Indiana Neuroimaging Symposium*, Bloomington IN, October 2013.
- Gandhi, N., Adolphs, R., & **Kennedy D.P.** Comparing gaze patterns to dynamic social scenes between autistic and neurotypical individuals. UCSD Undergraduate Research Conference, San Diego, April 2013.
- Paul, L.K., Corsello, C., **Kennedy, D.P.**, & Adolphs, R. Autism spectrum in Agenesis of the Corpus Callosum. *International Neuropsychological Society, Amsterdam*, July 2013.
- Kennedy, D.P.**, Abnormalities in social attention in individuals with autism. *Association for Psychological Science*, Washington D.C., May 2013. [Talk]
- Kennedy, D.P.***, Tyszka, J.M.*, Paul, L.K., & Adolphs, R. Lack of evidence for neural underconnectivity in high-functioning adults with autism. *IMFAR*, Toronto, May 2012. [* = equal contribution]
- Kennedy, D.P.**, Cheng, B.C.F., Holcomb, C.R., Adolphs, R. Perception of emotions from facial expressions in high-functioning adults with autism. *IMFAR*, San Diego, May 2011.
- Neumann, D., Paul, L.K., Tyszka, J.M., Adolphs, R., **Kennedy, D.P.** Functional connectivity across cerebral hemispheres is decreased in autism. *IMFAR*, San Diego, May 2011.
- Paul, L.K., Corsello, C., **Kennedy, D.P.**, Childress, D., Cheng, B.C.F., Adolphs, R. Autism symptomatology in primary agenesis of the corpus callosum. *IMFAR*, San Diego, May 2011.

- Dastjerdi, M., Foster, B.L., Nasrullah, S., Rauschecker, A.M., Dougherty, R.F., Townsend, J., Chang, C., Greicius, M., Menon, V., **Kennedy, D.P.**, & Parvizi, J. Differential electrophysiological response during rest, self-referential and non-self-referential tasks in human posteromedial cortex. *Cognitive Neuroscience Society*, San Francisco, April 2011.
- Kennedy, D.P.**, Constantino, J.N., Adolphs, R. Personal space and interpersonal distance in autism: insights from the SRS. *IMFAR*, Philadelphia, May 2010. [Talk]
- Kennedy, D.P.**, Gläscher, J., Spezio, M.L., Paul, L.K., Adolphs, R. Fixation patterns to faces in autism: Investigating the influence of task requirements. *IMFAR*, Chicago, May 2009.
- Kennedy, D.P.**, & Courchesne, E. The intrinsic functional organization of the human brain is altered in autism. *Cognitive Neuroscience Society*, New York City, May 2007.
- Redcay, E., **Kennedy, D.P.**, Courchesne, E. Differential response to auditory and visual stimuli during sleep fMRI in 3 to 4 year old children. *Cognitive Neuroscience Society*, New York City, May 2007.
- Kennedy, D.P.**, & Courchesne, E. Disrupted and intact intrinsic functional organization of large-scale brain networks in autism. Talk at *IMFAR*, Seattle, May 2007.
- Kennedy, D.P.**, Semendeferi, K., Courchesne, E. Are there abnormal numbers of spindle neurons in autism? A quantitative stereological investigation. *Society for Neuroscience*, San Diego, November 2005.
- Kennedy, D.P.**, Redcay, E., Courchesne, E. Cognition, emotion, and the resting state: an fMRI study of neurofunctional abnormalities in autism. *IMFAR*, Sacramento, May 2004.
- Redcay, E., **Kennedy, D.P.**, Courchesne, E. Differential effects of cognitive and emotional processing on resting network activity. *Cognitive Neuroscience Society*, San Francisco, April 2004.
- Kennedy, D.P.** & Parvizi, J. Efferent projections from the temporal lobe to the prefrontal cortex: evolution and the functional anatomy of language. *Society for Neuroscience*, November 2002.
- Hallock, R.M., **Kennedy, D.P.**, Di Lorenzo, P.M. Temporal pattern of lick-contingent electrical stimulation in the nucleus of the solitary tract predicts behavioral rejection. *Association for Chemoreception Sciences*, Sarasota, Florida. April 2001.

Invited Talks

- “Using complex video stimuli to elucidate cognitive and neural dysfunction in individuals with autism.” Society for Social Neuroscience (S4SN), San Diego, CA, November 2016.
- “Using video stimuli to probe the brain’s response to complex social situations in individuals with ASD.” San Diego State University, July 2015
- “A novel gaze replay approach to studying cognitive consequences of eye movements.” Emotion and Social Cognition Laboratory, Caltech, July 2015.
- “Behavioral and neural approaches to understanding autism.” Indiana University STARS Symposium (Keynote Lecture). July, 2015.
- “Living with autism: Diagnosis, education, and treatment.” City of Bloomington Panel, City Hall Council Chambers, April, 2014.
- “Using semi-naturalistic stimuli to examine gaze and neural abnormalities in autism.” Cincinnati Children’s Hospital Autism Research Lecture, January 2014.
- “A glimpse into the autistic brain and mind.” Mini University, Indiana University, June 2013.
- “New directions in autism care and research.” City of Bloomington Panel, City Hall Council Chambers, October, 2012.
- “A cognitive neuroscience approach to autism.” Autism Society of America, Long Beach. January, 2010.
- “Functional abnormalities of the default network in autism.” UCLA Brain Mapping Seminar. April, 2008.
- “Functional abnormalities of the default network in autism and fragile X syndrome.” Cold Spring Harbor Meeting – Recent Advances and a Multilevel Analysis from FMRP Biology to Clinical Trials. March, 2008.

“Neurobiology of Autism.” Neurology Grand Rounds, West Los Angeles VA Medical Center. April, 2007.

“Failing to deactivate: Resting functional abnormalities in autism.” Annual UCSD Neuroscience Retreat, Lake Arrowhead. April, 2005.

Ad Hoc Reviewer

JOURNALS:

Nature Neuroscience
 Psychological Science
 Archives of General Psychiatry
 JAMA Psychiatry
 American Journal of Psychiatry
 Brain
 Human Brain Mapping
 Neuroimage
 Cerebral Cortex
 Neuropsychologia
 Trends in Cognitive Sciences
 Social Cognitive and Affective Neuroscience
 Journal of Childhood Psychology and Psychiatry
 Current Biology

Developmental Science
 Journal of Autism and Developmental Disorders
 Developmental Medicine and Child Neurology
 Psychiatry Research – Neuroimaging
 Neurocase
 Acta Neuropathologica
 Cognitive Neuropsychiatry
 Scientific Reports
 Biological Psychiatry

GRANTS:

NSF GRFP - Graduate Research Fellowship Program (2016)
 Abstract reviewer for IMFAR (2013, 2015, 2016)
 Various International Grant Agencies (2013-2016)

Teaching

Introduction to Psychological and Brain Sciences – P155 – Indiana University (Fall, 2015; Spring 2017)

Human Neuroanatomy (8 weeks) – N501– Indiana University (Spring, 2015; Spring 2016; Spring 2017)
 - Gross neuroanatomy using postmortem brain specimens

Psychology and Neuroscience of Autism – P457 – Indiana University (Spring 2013; Spring 2014; Spring 2015; Spring 2016)
 - Undergraduate seminar on autism spectrum disorders.

Advanced Experimental Methods for Behavioral Scientists – P657 – Indiana University (Fall 2012; Fall 2014; Fall 2016)
 - Graduate course teaching MATLAB programming.

Guest Lectures – Indiana University

Developmental Psychology Core Course (Graduate) – Bennett Bertenthal (Spring 2017)
 Cognitive Neuroscience – Aina Puce (Fall 2016)
 Professional Development – Peter Todd (Fall 2016)
 Development and Psychopathology – Brian D’Onofrio (Fall 2015)
 Professional Development – Peter Todd (Fall 2015)
 Professional Development – Peter Todd (Fall 2014)
 The Connected Brain – Olaf Sporns (Fall 2014)
 Developmental Psychology Core Course (Graduate) – Bennett Bertenthal (Fall 2014)
 The Connected Brain – Olaf Sporns (Fall 2013)
 Development and Psychopathology – Brian D’Onofrio (Spring 2013)
 Developmental Psychology Graduate Seminar – Bennett Bertenthal (Fall 2013)
 Developmental Psychology Graduate Seminar – Bennett Bertenthal (Fall 2012)
 Cognitive Science/Psych Careers – Peter Todd (Fall 2012)
 Career Planning for Psychology Majors – Cynthia Hoffman (Fall 2012)

Substitute Lecturer at Scripps College (1 week)
 – Cognitive Psychology

Guest Lecturer at UCSD

- Cognitive Neuroscience graduate-level course – topic: brain network dysfunction in autism
 - Neuroanthropology undergraduate course – topic: functional imaging methodologies

Graduate Teaching Assistant for Psychological Disorders of Childhood at UCSD (2005).

- held review sessions and office hours, graded exams, created several lectures

Graduate Teaching Assistant for Cognitive Neuroscience at UCSD (2004).

- taught a weekly 1-hour discussion session, held review sessions, graded papers

Teaching Assistant for Cellular Neurobiology at Binghamton University (2000)

- taught a weekly 1-hour discussion session, wrote and graded weekly quizzes

Mentoring

Postdoctoral trainees:

Dr. Lisa Byrge – Postdoc (2015-present)

Dr. Peter Pantelis – Postdoc (2013-2016), currently applying for faculty positions in Cognitive Psychology

Graduate students:

Grace Lisandrelli – Graduate Student (2016 – present)

Xavier Morin Duchesne – Graduate Student (2013 – 2016)

Jennifer Bush – Graduate Student (2013 – 2015) – Now at IU School of Medicine

Undergraduate Students:

Josephine Douglas – Undergraduate RA, Cognitive Science Program - IFLE and STARS student (2014 – present)

Jack Nugent - Undergraduate RA, Neuroscience, Hutton Honors College, Medical School in Fall 2017 (2014 – present)

Bradley Caron – Lab Manager, now in Neuroscience Graduate Program at IU (with Franco Pestilli and Nick Port) - (2015 – 2016)

Susannah Burkholder – Lab Manager, currently applying for medical school (2013-2015),

Sebastian Kagemann - Undergraduate RA, now works at Amazon, Seattle, WA (2013 – 2016)

Neil Gandhi – Undergraduate RA– now in medical school at Stanford (2012-2013).

Service

Professional Development Committee, Indiana University (2016)

Developmental Psychology Faculty Hire Search Committee, Indiana University (2015-2016)

Graduate Admissions Committee, Psychological and Brain Sciences, Indiana University (2015-present)

Graduate Admissions Committee, Program in Neuroscience, Indiana University (2014-present)

Wells Scholar Applicant Reviewer, Indiana University (2013, 2014, 2015, 2016)

Student Awards Committee, Indiana University (2012-present)

Developmental Psychology Faculty Hire Search Committee, Indiana University (2014-2015)

Computational Neuroscience Faculty Hire Search Committee, Indiana University (2013-2014)

Graduate Admissions Committee/Reviewer, Cognitive Science Program, Indiana University (2013-2014)

Indiana Neuroimaging Symposium (INS) Planning Committee (2013)

Imaging Research Facility (IRF) advisory board, Indiana University (2013 – present)

Imaging Research Facility (IRF) Scan Time Allocation and Tracking Committee, Indiana University (2013 – present)

Imaging Research Facility Scan Time Allocation and Tracking Proposal Review Committee, Indiana University (2014 – 2015)

Imaging Research Facility (IRF) review committee, Indiana University (2013)

UCSD Admissions Committee (2004, 2005)

UCSD Seminar Series (2004)

UCSD Recruitment Committee (2003)

Other

Art Installation – *Spectrum Dynamic*, with Caleb Weibtraub (IU Fine Arts);

- [Re]Imagining Science Exhibit; New Frontiers Program at Indiana University.
- Grunwald Gallery, Indiana University, 2016
- traveling to Esther Klein Gallery in Philadelphia, Feb-March 2018.

Invited Guest Blog Contributor: Simons Foundation Autism Research Initiative (www.sfari.org)