

Jerilyn S. Kent
February 2023

Contact

434-981-2240

jerilyn.kent@utdallas.edu

Academic Appointment

Assistant Professor

August 2021-present

Department of Psychology

School of Behavioral and Brain Sciences

The University of Texas at Dallas

Education

Indiana University, Bloomington, IN

August 2015

Ph.D. in Psychological and Brain Sciences

Clinical Science major, Cognitive Neuroscience minor

Cumulative GPA: 3.99/4.0

Formal commendation on qualifying examination performance by the Psychological
and Brain Sciences department faculty

Dissertation Title: *Neural, Cognitive, and Clinical Correlates of Cerebellar-Dependent
Associative Learning in Individuals with Schizophrenia*

Advisor: William Hetrick, Ph.D.

Doctoral Internship in Clinical Psychology

August 2014-August 2015

Minneapolis VA Health Care System, Minneapolis, MN

The College of William and Mary, Williamsburg, VA

May 2008

Bachelor of Science, double major: Psychology and Biology

Cumulative GPA: 3.94/4.0

Summa Cum Laude

Psychology GPA: 4.0/4.0

Highest Honors for honors thesis: *Neural Correlates of Emotional Processing in
Schizotypal Individuals*

Additional Education

Oxford University, Hertford College, semester abroad

Trinity term 2007

Postdoctoral Positions

Postdoctoral Fellow

July 2017-June 2021

Department of Psychiatry, University of Minnesota

Mentor: Scott Sponheim, Ph.D.

Postdoctoral Associate

August 2015-June 2017

Minneapolis VA Health Care System and Department of Psychiatry, University of
Minnesota

Mentor: Scott Sponheim, Ph.D.

Funding

2022 Behavioral and Brain Sciences Research Stimulus Grant (UT Dallas) (Jan-Aug 2023).

Project Title: Characterizing Individualized Profiles of Cerebellar Engagement in Individuals with Psychotic Disorders
Amount: \$14,000

Brain & Behavior Research Foundation NARSAD Young Investigator Grant (Jan 2019-Jan 2024*)

Project Title: Elucidating the role of abnormal motor resonance in social cognition deficits in schizophrenia
Total Direct Costs: \$63,340
*multiple no-cost extensions granted due to COVID-19 and institutional transfer

NIMH Ruth L. Kirschstein National Research Service Award (July 2017-June 2021*)

Grant Number: F32MH112334
Project Title: Investigating the role of cerebellar abnormalities in dysfunctional predictive coding in individuals with schizophrenia
Total Direct Costs: \$184,683
*1 year no-cost extension granted due to COVID-19

Indiana University John H. Edwards Fellowship (Fall 2012-Spring 2013). Includes \$20,000 stipend and fee reduction. Awarded on the basis of “superior scholastic ability and intellectual capacity, and good citizenship and character, including attitude toward Indiana University and community service as demonstrated by actual service.”

National Science Foundation Graduate Research Fellowship (Fall 2009-Summer 2012).

Includes \$10,500 tuition remission and \$30,000 annual stipend for three years.

Indiana University Department of Psychological and Brain Sciences Departmental Fellowship (Fall 2008-Summer 2009). Includes full tuition remission and \$23,000 stipend.

Manuscripts

(* indicates post-baccalaureate/student author under my supervision)

Kent, J.S., Burton, P.C., & Sponheim, S.R. (*in preparation*). Abnormalities in neural activity during implicit theory of mind in individuals with a psychotic disorder and biological first-degree relatives.

*Chong, L.S., Kent, J.S., & Sponheim, S.R. (*in preparation*). Emotion recognition in individuals with psychosis and their first-degree relatives: Exploring the effects of gender and stimulus intensity.

*Gu, P., Blain, S.D., Lasagna, C.A., Suzuki, T., Burton, C.Z., Kent, J.S., & Tso, I.F. (*in preparation*). Effects of perceptual ambiguity on self-referential bias and precision of gaze perception.

*Kulkarni, M., Kent, J.S., Park, K., Guell, X., & Anteraper, S. (*under review*). Resting-state functional connectivity based parcellation of the human dentate nucleus: new findings and clinical relevance. *Brain Structure and Function*.

Blain, S., Kent, J., Allen, T., Lasagna, C., *Peyromaure de Bord, C., Udochi, A., Sponheim, S., DeYoung, C., & Tso, I. (*under review*). Constructs across a hierarchical, dimensional model of psychopathology show differential associations with social and general cognitive ability. *Clinical Psychological Science*.

Kent, J.S., Markon, K., & MacDonald, A.W., III. (*in press*). Theories of Psychopathology: Introduction to a Special Section. *Journal of Psychopathology and Clinical Science*. [Publication date set for April 2023.]

Pinkham, A., Bass, E., Klein, H., Springfield, C., Kent, J., & Aslan, S. (2022). Inducing paranoia is linked to increased resting amygdala cerebral blood flow in healthy individuals. *Journal of Experimental Psychopathology*, 13(3).

Lundin, N.B., Kim, D.-J., Tullar, R.E., Moussa-Tooks, A.B., Kent, J.S., Newman, S.D., Purcell, J.R., Bolbecker, A.R., O'Donnell, B.F., & Hetrick, W.P. (2021). Cerebellar activation deficits during delay eyeblink conditioning in schizophrenia. *Schizophrenia Bulletin Open*, 2, sgab040.

Demro, C., Mueller, B., Kent, J.S., Burton, P.C., Olman, C.A., Schallmo, M.-P., Lim, K.O., & Sponheim, S.R. (2021). The psychosis human connectome project: An overview. *NeuroImage*, 241, 118439.

Kent, J.S., Kim, D.-J., Newman, S.D., Bolbecker, A.R., O'Donnell, B.F., & Hetrick, W.P. (2020). Investigating cerebellar neural function in schizophrenia using delay eyeblink conditioning: A pilot fMRI study. *Psychiatry Research: Neuroimaging*, 304, 111133.

Kent, J.S., Disner, S.G., Van Voorhis, A.C., Urosevic, S., Caligiuri, M.P., & Sponheim, S.R. (2020). Exploring the relationship of transdiagnostic mood and psychosis symptom domains to motor dysfunction. *Neuropsychobiology*, 79, 299-310.

*Van Voorhis, A.C., Kent, J.S., Kang, S.S., Goghari, V.M., MacDonald, A.W., III, & Sponheim, S.R. (2019). Abnormal neural functions associated with inhibitory deficits in schizophrenia and bipolar disorder. *Human Brain Mapping*, 40, 5397-5411.

Kent, J.S., Caligiuri, M.P., Skorheim, M.K., Lano, T.J., Mittal, V.A., & Sponheim, S.R. (2019). Instrument-based assessment of motor function yields no evidence of dyskinesia in adult first-degree biological relatives of individuals with schizophrenia and schizoaffective disorder. *Psychiatry Research*, 272, 135-140.

- van Harten, P.N., Walther, S., Kent, J.S., Sponheim, S.R., & Mittal, V.A. (2017). The clinical and prognostic value of motor abnormalities in psychosis, and the importance of instrumental assessment. *Neuroscience & Biobehavioral Reviews*, *80*, 476-487.
- Bolbecker, A.R., Peterson, I.T., Kent, J.S., Howell, J.M., O'Donnell, B.F., & Hetrick, W.P. (2016). New insights into the nature of cerebellar-dependent eyeblink conditioning deficits in schizophrenia: A hierarchical linear modeling approach. *Frontiers in Psychiatry*, *7*, 4.
- Kent, J.S., Bolbecker, A.R., O'Donnell, B.F., & Hetrick, W.P. (2015). Eyeblink conditioning in schizophrenia: A critical review. *Frontiers in Psychiatry*, *6*, 146.
- Dean, D.J., Kent, J.S., Bernard, J.A., Orr, J.M., Gupta, T., Pelletier-Baldelli, A., Carol, E.E., Mittal, V.A. (2015). Increased postural sway predicts negative symptom progression in youth at ultrahigh risk for psychosis. *Schizophrenia Research*, *162*, 86-89.
- Cheng, H., Newman, S., Goñi, J., Kent, J.S., Howell, J., Bolbecker, A., Puce, A., O'Donnell, B.F., & Hetrick, W.P. (2015). Nodal centrality of functional network in the differentiation of schizophrenia. *Schizophrenia Research*, *168*, 345-352.
- Cheng, H., Newman, S.D., Kent, J.S., Bolbecker, A.R., Klaunig, M.J., O'Donnell, B.F., Puce, A., & Hetrick, W.P. (2015). White matter abnormalities of microstructure and physiological noise in schizophrenia. *Brain Imaging and Behavior*, *9*, 868-877.
- Bolbecker, A.R., Kent, J.S., Peterson, I., Klaunig, M.J., Forsyth, J.K., Westfall, D., Howell, J., O'Donnell, B.F., & Hetrick, W.P. (2014). Cerebellar-dependent associative learning is impaired in first-degree relatives of individuals with schizophrenia. *Schizophrenia Bulletin*, *40*, 1001-1010.
- Kim, D.-J., Kent, J.S., Bolbecker, A.R., Sporns, O., Cheng, H., Newman, S.D., Puce, A., O'Donnell, B.F., & Hetrick, W.P. (2014). Disrupted modular architecture of cerebellum in schizophrenia: A graph theoretic analysis. *Schizophrenia Bulletin*, *40*, 1216-1226.
- Bernard, J.A., Dean, D.J., Kent, J.S., Orr, J.M., Pelletier, A.L., Lunsford-Avery, J., Gupta, T., & Mittal, V.A. (2014). Markers of cerebellar dysfunction in individuals at ultra high-risk of psychosis. *Human Brain Mapping*, *35*, 4064-4078.
- Ottavi, P., D'Alia, D., Lysaker, P., Kent, J., Popolo, R., Salvatore, G., & Dimaggio, G. (2014). Metacognition-oriented social skills training for individuals with long-term schizophrenia: methodology and clinical illustration. *Clinical Psychology & Psychotherapy*, *21*, 465-473.
- Lysaker, P.H., Vohs, J., Hamm, J.A., Kukla, M., Minor, K.S., de Jong, S., Donkersgoed, R., Pijnenborg, M., Kent, J.S., Matthews, S.C., Ringer, J.M., Leonhardt, B.L., Francis,

M.M., Buck, K.D., Dimaggio, G. (2014). Deficits in metacognitive capacity distinguish patients with schizophrenia from those with prolonged medical adversity. *Journal of Psychiatric Research*, 55, 126-132.

Kent, J.S., Bailey, D.M., Vollmer, J.M, Newman, S.D., Bolbecker, A.R., O'Donnell, B.F., & Hetrick, W.P. (2013). A magnetic resonance imaging-safe technique for the measurement of human eyeblink conditioning. *Journal of Neuroscience Methods*, 216, 16-21.

Lysaker, P.H., Hasson-Ohayon, I., Kravetz, S., Kent, J.S., & Roe, D. (2013). Self perception of empathy in schizophrenia: emotion recognition, insight, and symptom severity predict degree of self and interviewer agreement. *Psychiatry Research*, 206, 146-150.

Kent, J.S., Hong, S.L., Bolbecker, A.R., Klaunig, M.J., Forsyth, J.K., O'Donnell, B.F., & Hetrick, W.P. (2012). Motor deficits in schizophrenia quantified by nonlinear analysis of postural sway. *PLoS ONE* 7(8): e41808.

Bolbecker, A.R., Hong, S.L., Kent, J.S., Klaunig, M.J., O'Donnell, B.F., & Hetrick, W.P. (2011). Postural control in bipolar disorder: Increased sway area and decreased dynamical complexity. *PLoS ONE*, 6(5): e19824.

Bolbecker, A.R., Hong, S.L., Kent, J.S., Forsyth, J.K., Klaunig, M.J., Lazar, E., O'Donnell, B.F., & Hetrick, W.P. (2011). Paced finger-tapping abnormalities in bipolar disorder indicate timing dysfunction. *Bipolar Disorders*, 13, 99-110.

Honors and Awards

Irving J. Saltzman Award for Outstanding Graduate Achievement (Spring 2018): Recognizes a recent Indiana University Department of Psychological and Brain Sciences graduate for excellence or distinction in research, teaching, and service (\$300).

Smadar Levin Award (September 2014): Given annually at the meeting of the Society for Research in Psychopathology to the graduate student who makes the most outstanding poster presentation. Award includes conference registration and lodging at the next meeting.

J.R. Kantor Graduate Award (Spring 2014): In recognition of outstanding performance in psychological research by a graduate student in the Indiana University Department of Psychological and Brain Sciences (\$500).

Provost Travel Award for Women in Science (Spring 2013, Spring 2015): Awarded to support travel to present my research at the 2013 meeting of the Society for Research in Psychopathology (\$500) and the 2015 meeting of the International Congress on Schizophrenia Research (\$400).

Indiana University Graduate and Professional Student Organization Research Award: (Summer 2012): This is a university-wide competition for funds used to support costs incurred in connection with academic research. Applications undergo a blind peer-review process (\$1000).

Graduate Student Spotlight (May 2012): Recognized in the first “Graduate Student Spotlight” on the front page of the Indiana University Department of Psychological and Brain Science’s website. As part of the spotlight I was interviewed about my research and achievements in the 2011-2012 academic year.

Indiana University Graduate and Professional Student Organization Travel Award: (Fall 2011): This is a university-wide competition for funds used to support travel to present research. Applications undergo a blind peer-review process (\$500).

Phi Beta Kappa, Alpha of Virginia (December 2007)

William and Mary Office of Student Volunteer Services Summer Service Grant (March 2007): Awarded to help support a three-week service trip to Romania (\$500).

William and Mary Student Activities Conference Funding (December 2006): Awarded to attend the annual meeting of the North Carolina Cognition Group (\$225).

Murray 1693 Scholar, College of William and Mary: (2004-2008) Merit scholarship awarded to four students in the class of 2008. Covered tuition and fees (\$16,698) and included a substantial research stipend (\$5000).

Professional Membership and Service

Journal of Psychopathology and Clinical Science (formerly *Journal of Abnormal Psychology*)

- Guest co-editor, “Theories of Psychopathology” upcoming special section (publication set for April 2023)

Society for Research in Psychopathology

- Publications Committee, co-chair (Summer 2021-present), member (Summer 2019-present)

Schizophrenia International Research Society

Society for Psychophysiological Research

Symposium Presentations

Kent, J.S., Sponheim, S.R., & Hetrick, W.P. (2022, September). *Cerebellar Abnormalities in Psychiatric Disorders: From Psychotic Disorders to Transdiagnostic Psychopathology*. Presentation at the symposium “Little Brain, Big Questions: Examination of Cerebellar Activity from Movement to Cognition and Affect,” chaired by Krystal Parker. Other presenters: Catherine Stoodley, Victória Müller Ewald, and

Neil Todd. Annual meeting of the Society for Psychophysiological Research, Vancouver, CA.

Hetrick, W.P., Kent, J.S., Kim, D.-J., Bolbecker, A.R., Newman, S.D., & O'Donnell, B.F. (2016, September). *Cerebellar Function in Schizophrenia: Neural Cognitive, and Clinical Correlates*. Presentation at the symposium, "Laboratory to Life: Linking Brain Responses to Problems of Real World Functioning in Schizophrenia," chaired by Scott Sponheim. Other presenters: Holly Hamilton, Dean Salisbury, Scott Sponheim, and Jessica Lake. Annual meeting of the Society for Psychophysiological Research, Minneapolis, MN.

Hetrick, W.P., Kent, J.S., Kim, D.-J., Bolbecker, A.R., Newman, S.D., & O'Donnell, B.F. (2016, May). *Neural, Cognitive, and Clinical Correlates of Cerebellar Function in Schizophrenia*. Presentation at the symposium, "Role of the Cerebellum in Schizophrenia Spectrum Disorders," chaired by William Hetrick. Other presenters: Adam Culbreth, Jessica Bernard, and Vijay Mittal. Annual meeting of the Society of Biological Psychiatry, Atlanta, GA.

Kent, J.S., Skorheim, M.K., Lano, T.J., Caligiuri, M.P. & Sponheim, S.R. (2016, April). *Instrument-Based Assessment of Dyskinesia across Dimensions of Genetic Liability for Psychosis and Severity of Psychopathology*. Presentation at the symposium, "Movement Disorders: A Non-Mental Core Symptom of Psychotic Disorders and the Importance of Instrumental Screening," chaired by Peter van Harten. Other presenters: Peter van Harten, Vijay Mittal, and Sebastian Walther. Discussant: Jim van Os. Biennial meeting of the Schizophrenia International Research Society, Florence, Italy.

Oral Presentations

Kent, J., Markon, K., & MacDonald, III, A. (2022, September). *Theories of Psychopathology: Introducing a Special Section of the Journal of Psychopathology and Clinical Science*. Flash talk presentation at the annual meeting of the Society for Research in Psychopathology, Philadelphia, PA.

Kent, J.S., Burton, P.C., Ramsay, I.S., & Sponheim, S.R. (2019, April). *Decreased Activation in Temporoparietal Junction in Individuals with Psychosis and Biological First-degree Relatives during Implicit Theory of Mind*. Presentation at the oral session, "Exploring Genetic Mechanisms for Developing Schizophrenia," co-chaired by Lynn DeLisi and Raquel Gur. Annual meeting of the Schizophrenia International Research Society, Orlando, FL.

Sponheim, S.R., Kang, S.S., Shim, M., Kent, J.S., MacDonald III, A.W., Vinogradov, S. (2019, March). *Cortical Networks Associated with State Representation Failures in Psychosis*. Presentation at the annual meeting of the Psychiatric Research Society, Park City, UT.

Invited Oral Presentations

Kent, J.S. (2022, October). *Motor Abnormalities in the Psychosis Spectrum*. Invited Research Colloquium lecture given at Southern Methodist University Department of Psychology, Dallas, TX.

Kent, J.S. (2021, November). *Cognitive Control: From Motor Inhibition to Novel Therapeutic Intervention*. Invited talk given at The University of Texas at Dallas Center for Vital Longevity Science Luncheon Series, Dallas, TX.

Kent, J.S. (2021, October). *The Cerebellum: Contributions to Cognition and Implications for Psychopathology*. Invited talk given at The University of Texas at Dallas Center for BrainHealth Frontiers of BrainHealth Lunchtime Lecture Series, Dallas, TX.

Kent, J.S. (2020, January). *Motor Dysfunction in the Psychosis Spectrum: Implications for Pathophysiology, Genetic and Phenotypic Risk Factors, and Clinical Phenomenology*. Invited Psychology Colloquium lecture given at the University of Washington Department of Psychology, Seattle, WA.

Kent, J.S. (2020, January). *From Motor Abnormalities to Social Cognition Deficits in Psychotic Disorders: Novel Avenues of Investigation and Intervention*. Invited Psychology Colloquium lecture given at the University of Washington Department of Psychology, Seattle, WA.

Kent, J.S. (2013, November). *Why Should We Study the Cerebellum in Schizophrenia, and How Can This Be Accomplished?* Invited talk given at Mary Baldwin College Psychology Department Colloquium, Staunton, VA.

Kent, J.S. (2013, March). *Cerebellar Deficits in Schizophrenia*. Invited talk given at Mary Baldwin College Psychology Department Colloquium, Staunton, VA.

Kent, J.S. (2012, June). *Abnormalities in and Clinical Correlates of Postural Sway in Schizophrenia*. Invited talk given at University of Colorado at Boulder Research Colloquium, Boulder, CO.

Additional Oral Presentations

(* indicates post-baccalaureate/student author under my supervision)

Kent, J.S. (2021, November). New Faculty Research Symposium “three-minute thesis” style research showcase, The University of Texas at Dallas, Richardson, TX.

*Innis, I.J., Kent, J.S., Bolbecker, A.R., & Hetrick, W.P. (2012, November). *Comparability of MRI-compatible Infrared and Electromyogram Measures of Eyeblink Conditioning*. Oral presentation given at the McNair National Research Conference, Madison, WI.

*Innis, I.J., Kent, J.S., Bolbecker, A.R., & Hetrick, W.P. (2012, October). *Comparability of MRI-compatible Infrared and Electromyogram Measures of Eyeblink Conditioning*. Oral presentation given at the Indiana University Purdue University Indianapolis (IUPUI) Undergraduate Research Conference, Indianapolis, IN.

Kent, J.S. (2011, February). *Off-Balance: Clinical and Cognitive Correlates of Postural Sway in Schizophrenia*. Oral presentation given at the Indiana University Department of Psychological and Brain Sciences Clinical Science Colloquium, Bloomington, IN.

Poster Presentations

(* indicates post-baccalaureate/student author under my supervision)

*Peyromaure de Bord, C., Demro, C., Blain, S., Tso, I., Sponheim, S., & Kent, J. (2022, September). *Investigating Implicit Theory of Mind in Individuals with Psychotic Disorders and Their First-Degree Relatives*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Philadelphia, PA.

Blain, S., Kent, J., Lasagna, C., *Peyromaure de Bord, C., Sponheim, S., DeYoung, C., & Tso, I. (2022, September). *Clarifying Associations of Psychopathology Dimensions with Social and General Cognition*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Philadelphia, PA.

Kent, J.S., Burton, P.C., & Sponheim, S.R. (2019, September). *Investigating Neural Activity during Implicit Theory of Mind in Individuals with a Psychotic Disorder and Biological First-Degree Relatives*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Buffalo, NY.

*Chong, L.S., Kent, J.S., & Sponheim, S.R. (2019, September). *Emotion Recognition in Individuals with Psychosis and Their First-Degree Relatives: Exploring the Effects of Gender and Stimulus Intensity*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Buffalo, NY.

*Myers, E.J., Kent, J.S., Minor, K.S., & Sponheim, S.R. (2019, September). *Exploring the Relationship of Cognitive Functioning to Implicit and Explicit Theory of Mind across the Spectrum of Genetic Liability for Psychosis*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Buffalo, NY.

Kent, J.S., Burton, P.C., & Sponheim, S.R. (2018, September). *Decreased Neural Activity in Psychosis in Regions Associated with Social Cognition during an Implicit Theory of Mind Task*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Indianapolis, IN.

*Chong, L.S., Kent, J.S., & Sponheim, S.R. (2018, September). *Exploring the Effects of Gender and Stimulus Emotion Intensity on Emotion Recognition in Psychosis*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Indianapolis, IN.

- Kent, J.S., Disner, S.G., & Sponheim, S.R. (2017, September). *Exploring Symptom Dimensions Related to Dyskinesia in Serious Psychopathology*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Denver, CO.
- Osborne, K.J., Kent, J.S., Shashoua, N., & Mittal, V.A. (2017, September). *Perceptual Timing in Individuals at Ultra-High Risk for Psychosis*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Denver, CO.
- Kent, J.S., Van Voorhis, A.C., Kang, S.S., & Sponheim, S.R. (2017, March). *Exploring the Efference Copy/Corollary Discharge Mechanism of Predictive Coding in Response to Cued Action and as a Function of Cognitive Control in Schizophrenia*. Poster presented at the 16th International Congress on Schizophrenia Research, San Diego, CA.
- Lundin, N.B., Kim, D.-J., Kent, J.S., Newman, S.D., Moussa-Tooks, A., Purcell, J., Bolbecker, A.R., Bartolomeo, L.A., O'Donnell, B.F., & Hetrick, W.P. (2017, March). *Differential Cerebellar Activation in Schizophrenia during Eyeblink Conditioning*. Poster presented at the 16th International Congress on Schizophrenia Research, San Diego, CA.
- Kent, J.S., Van Voorhis, A.C., Kang, S.S., & Sponheim, S.R. (2016, October). *Exploring the Efference Copy/Corollary Discharge Mechanism of Predictive Coding in Response to Cued Action in Schizophrenia*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Baltimore, MD
- *Van Voorhis, A.C., Kent, J.S., Kang, S.S., Goghari, V.M., Sponheim, S.R., & MacDonald, III, A.W. (2016, September). *Neural and Behavioral Abnormalities in Bipolar Disorder and Schizophrenia: An Event-Related Potential (ERP) Study Using a Stop Signal Task*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Baltimore, MD.
- Lundin, N.B., Kim, D.-J., Kent, J.S., Newman, S.D., Shum, D.V., Bolbecker, A.R., Sparks, P.D., Bartolomeo, L.A., O'Donnell, B.F., & Hetrick, W.P. (2016, September). *Cerebellar Contributions to Eyeblink Conditioning in Schizophrenia-Spectrum Disorders*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Baltimore, MD.
- Kent, J.S., Van Voorhis, A.C., Kang, S.S., & Sponheim, S.R. (2016, September). *Exploring the Efference Copy/Corollary Discharge Mechanism of Predictive Coding in Response to Cued Action*. Poster presented at the annual meeting of the Society for Psychophysiological Research, Minneapolis, MN.
- Kent, J.S., Kim, D.-J., Howell, J., Krempely, P., Newman, S.D., Cheng, H., Bolbecker, A.R., O'Donnell, B.F., & Hetrick, W.P. (2016, April). *Neural, Cognitive, and Clinical Correlates of Cerebellar-Dependent Associative Learning in Individuals with*

Schizophrenia. Poster presented at the biennial meeting of the Schizophrenia International Research Society, Florence, Italy.

Kent, J.S., Skorheim, M.K., Lano, T.J., Caligiuri, M.P. & Sponheim, S.R. (2015, October). *Dyskinetic Movement Associated with Symptom Severity and Working Memory in Individuals with Schizophrenia and First-Degree Relatives*. Poster presented at the annual meeting of the Society for Research in Psychopathology, New Orleans, LA.

Hetrick, W.P., Kent, J.S., Kim, D.-J., Howell, J., Krempely, P. Newman, S.D., Cheng, H., Bolbecker, A.R., & O'Donnell, B.F. (2015, October). *Neural, Cognitive, and Clinical Correlates of Cerebellar-Dependent Associative Learning in Individuals with Schizophrenia*. Poster presented at the annual meeting of the Society for Research in Psychopathology, New Orleans, LA.

Kim, D.-J., Kent, J.S., Bolbecker, A.R., Cheng, H., Sporns, O., O'Donnell, B.F., & Hetrick, W.P. (2015, October). *Different Patterns of Cerebro-cerebellar Functional Connectivity in Schizophrenia*. Poster presented at the annual meeting of the Society for Research in Psychopathology, New Orleans, LA.

Kent, J.S., Skorheim, M.K., Lano, T.J., Caligiuri, M.P. & Sponheim, S.R. (2015, March). *Evidence of Dyskinesia as Predictive of Schizophrenia Rather Than Unexpressed Genetic Liability: A Family Study of Motor Control through Digitized Handwriting Assessment*. Poster presented at the 15th International Congress on Schizophrenia Research, Colorado Springs, CO.

Kent, J.S., Kim, D.-J., Howell, J., Krempely, P. Newman, S.D., Cheng, H., Bolbecker, A.R., O'Donnell, B.F., & Hetrick, W.P. (2014, September). *Decreased Cerebellar Activation in Individuals with Schizophrenia during Impaired Associative Learning*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Evanston, IL.

Kim, D.-J., Kent, J.S., Howell, J., Bolbecker, A.R., Cheng, H., Newman, S.D., O'Donnell, B.F., & Hetrick, W.P. (2014, September). *Alterations of Resting-State Functional Networks in Cerebellum of Schizophrenia*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Evanston, IL.

*Rejimon, A., Kent, J.S., Howell, J., Westfall, D., Hong, S.L., Bolbecker, A.R., O'Donnell, B.F., & Hetrick, W.P. (2014, September). *Neuropsychological Correlates of Cerebellar Function in Non-Psychiatric Controls and Individuals with Schizophrenia*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Evanston, IL.

Cheng, H., Newman, S., Kent, J.S., Howell, J., Bolbecker, A.R., Puce, A., O'Donnell, B.F., & Hetrick, W.P. (2013, November). *Nodal centrality of resting state functional network in the differentiation of schizophrenia using support vector machine*. Poster

presented at Cell Symposia: The Networked Brain, a satellite meeting of the Society for Neuroscience, San Diego, CA.

- Kent, J.S., Matthews, S.C., Kim, D.-J., Howell, J., Bolbecker, A.R., Jones, M.N., O'Donnell, B.F., & Hetrick, W.P. (2013, October). *Volumetric MRI Cerebellar Correlates of Semantic Fluency*. Poster presented at the third Indiana Neuroimaging Symposium, Bloomington, IN.
- Kim, D.-J., Kent, J.S., Howell, J., Bolbecker, A.R., Cheng, H., Newman, S.D., O'Donnell, B.F., & Hetrick, W.P. (2013, October). *Disruption of Cerebellar Networks in Schizophrenia: A Graph Theoretic Analysis*. Poster presented at the third Indiana Neuroimaging Symposium, Bloomington, IN.
- Cheng, H., Newman, S., Kent, J.S., Howell, J., Bolbecker, A.R., Puce, A., O'Donnell, B.F., & Hetrick, W.P. (2013, October). *Nodal centrality of resting state functional network in the differentiation of schizophrenia using support vector machine*. Poster presented at the third Indiana Neuroimaging Symposium, Bloomington, IN.
- Kent, J.S., Matthews, S.C., Kim, D.-J., Howell, J., Bolbecker, A.R., Jones, M.N., O'Donnell, B.F., & Hetrick, W.P. (2013, September). *Volumetric MRI Cerebellar Correlates of Semantic Fluency*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Oakland, CA.
- Bolbecker, A.R., Westfall, D.R., Lackner, R.J., Howell, J.M., Kent, J.S., Breier, A., O'Donnell, B.F., & Hetrick, W.P. (2013, September). *Performance Patterns on Temporal Processing Tasks Differentiate Schizophrenia, Bipolar Disorder, and Healthy Controls*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Oakland, CA.
- Kim, D.-J., Kent, J.S., Howell, J., Bolbecker, A.R., Cheng, H., Newman, S.D., O'Donnell, B.F., & Hetrick, W.P. (2013, September). *Disruption of Cerebellar Networks in Schizophrenia: A Graph Theoretic Analysis*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Oakland, CA.
- *Newman, M., Kent, J.S., Innis, I., Rejimon, A., & Hetrick, W.P. (2013, July). *Validation of an Infrared System for Eyeblick Conditioning Response Recording*. Poster presented at the 2013 Summer Research Poster Session for the Indianapolis Project SEED (an educational outreach program of the American Chemical Society), Indianapolis, IN.
- Ringer, J.M., Kent, J.S., Matthews, S.C., & Lysaker, P.H. (2013, April). *Deficits in awareness of others' mental states and intentions: Comparison of social cognition and metacognitive capacities between person with psychosis and others experiencing prolonged but non-psychiatric conditions*. Poster presented at the 14th International Congress on Schizophrenia Research, Orlando, FL.

- Kent, J.S., Matthews, S.C., Jones, M.N., Bolbecker, A.R., Rass, O., Klaunig, M.J., O'Donnell, B.F., & Hetrick, W.P. (2012, October). *Cerebellar Correlates of Semantic Fluency*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Ann Arbor, MI.
- Bolbecker, A.R., Kent, J.S., Howell, J.S., Klaunig, M.J., Forsyth, J.K., Westfall, D., Breier, A., O'Donnell, B.F., & Hetrick, W.P. (2012, October). *Cerebellar-Dependent Eyeblick Conditioning Deficits in First-Degree Relatives of Individuals with Schizophrenia*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Ann Arbor, MI.
- *Innis, I.J., Kent, J.S., Bolbecker, A.R., & Hetrick, W.P. (2012, September). *Comparability of MRI-compatible Infrared and Electromyogram Measures of Eyeblick Conditioning*. Poster presented at the annual meeting of the Pavlovian Society, Weehawken, NJ.
- Cheng, H., Kent, J., Klaunig, M., Kim, D., O'Donnell, B., Hetrick, W., & Puce, A. (2012, May). *Abnormality of Variance of Resting State fMRI Signal in White Matter for Schizophrenia*. Electronic poster presentation at the annual meeting of the International Society for Magnetic Resonance Medicine, Melbourne, Australia.
- Kim, D.-J., Cheng, H., Kent, J., Hetrick, W., Sporns, O., Puce, A., Newman, S., Bolbecker, A., Breier, A., Klaunig, M., & O'Donnell, B. (2012, May). *Structural and Functional Network Abnormalities in Schizophrenia Assessed Using DTI and Resting-State fMRI*. Poster presented at the annual meeting of the Society of Biological Psychiatry, Philadelphia, PA.
- Kent, J.S., Matthews, S.C., Jones, M.N., Bolbecker, A.R., Rass, O., Klaunig, M.J., O'Donnell, B.F., & Hetrick, W.P. (2012, April). *Possible Cerebellar Contributions to Semantic Fluency*. Poster presented at the annual meeting of the Cognitive Neuroscience Society, Chicago, IL.
- Ahn, W.-Y., Kent, J.S., Busemeyer, J.R., Hetrick, W.P., & O'Donnell, B.F. (2012, April). *Overreliance of Habitual over Goal-Directed Actions in Patients with Bipolar Disorder*. Poster presented at the annual meeting of the Cognitive Neuroscience Society, Chicago, IL.
- Kent, J.S., Hong, S.L., Bolbecker, A.R., Klaunig, M.J., O'Donnell, B.F., & Hetrick, W.P. (2011, November). *Past Alcohol Dependence Does Not Exacerbate Cerebellar Deficits in Schizophrenia*. Poster presented at the annual meeting of the Society for Neuroscience, Washington DC.
- Kent, J.S., Matthews, S.C., Bolbecker, A.R., Rass, O., Klaunig, M.J., Jones, M.N., O'Donnell, B.F., & Hetrick, W.P. (2011, September). *Possible Cerebellar Contributions to Semantic Fluency*. Poster presented at the 17th meeting of the European Society for Cognitive Psychology, San Sebastián, Spain.

- Kent, J.S., Hong, S.L., Bolbecker, A.R., Klaunig, M.J., O'Donnell, B.F., & Hetrick, W.P. (2011, September). *Postural Sway Abnormalities across the Schizophrenia Spectrum*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Boston, MA.
- Kent, J.S., Hong, S.L., Forsyth, J.K., Bolbecker, A.R., O'Donnell, B.F., & Hetrick, W.P. (2010, November). *Abnormalities in Postural Sway Area and Complexity in Schizophrenia: Clinical and Neuropsychological Correlates*. Poster presented at the annual meeting of the Society for Neuroscience, San Diego, CA.
- Kent, J.S., Rass, O., Klaunig, M.J., Bolbecker, A.R., O'Donnell, B.F., & Hetrick, W.P. (2010, October). *Possible Cerebellar Contributions to Eyeblink Conditioning and Steady State Response in Schizophrenic and Healthy Participants*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Seattle, WA.
- Bolbecker, A.R., Hong, S.L., Kent, J.S., Klaunig, M. J., Forsyth, J.K., Merrill, C., Shekhar, A., O'Donnell, B.F., & Hetrick, W.P. (2010, October). *Activity Patterns in Bipolar Disorder: Evidence of Reduced Complexity*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Seattle, WA.
- Kent, J.S., Hong, S.L., Forsyth, J.K., Klaunig, M. J., Bolbecker, A.R., Merrill, C., Shekhar, A., Breier, A., O'Donnell, B.F., & Hetrick, W.P. (2010, May). *Abnormalities in Postural Sway Area and Complexity in Schizophrenia Spectrum Participants*. Poster presented at the annual meeting of the Society of Biological Psychiatry, New Orleans, LA.
- Bolbecker, A.R., Kent, J.S., Hong, S.L., Forsyth, J.K., Klaunig, M. J., Merrill, C., Shekhar, A., Breier, A., O'Donnell, B.F., & Hetrick, W.P. (2010, May). *Abnormal Temporal Synchronization in Bipolar Disorder As Measured by a Paced Finger Tapping Task*. Poster presented at the annual meeting of the Society of Biological Psychiatry, New Orleans, LA.
- Kent, J.S., Pruce, B., Bailey, D.M., Newman, S., Vollmer, J., & Hetrick, W.P. (2010, April). *A Magnetic Resonance Imaging-Safe Technique for the Measurement of Human Eyeblink Conditioning*. Poster presented at the annual meeting of the Cognitive Neuroscience Society, Montreal, Quebec, Canada.
- Karcher, N., Kent, J.S., Shean, G.D., & Stevens, J.S. (2010, April). *Emotion Processing Deficits in Psychometrically Measured Schizotypy*. Poster presented at the annual meeting of the Cognitive Neuroscience Society, Montreal, Quebec, Canada.
- Kent, J.S., Hong, S.L., Forsyth, J.K., Bolbecker, A.R., O'Donnell, B.F., & Hetrick, W.P. (2009, October). *Postural Sway Abnormalities in Schizophrenia: The Role of Vision*. Poster presented at the annual meeting of the Society for Neuroscience, Chicago, IL.

- Kent, J.S., Hong, S.L., Forsyth, J.K., Bolbecker, A.R., O'Donnell, B.F., & Hetrick, W.P. (2009, September). *Neuropsychological Correlates of Postural Sway in Schizophrenia*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Minneapolis, MN.
- Kent, J.S., Stevens, J.A., & Shean, G.D. (2008, September). *Neural Correlates of Emotional Processing in Schizotypy*. Poster presented at the Society for Research in Psychopathology, Pittsburgh, PA.
- Kent, J.S., & Stevens, J.A. (2007, March). *The Influence of Posture and Kinesthetic Perceived Space on Cognition*. Poster presented at the North Carolina Cognition Conference, Chapel Hill, NC.
- Kent, J.S., & Stevens, J.A. (2007, February). *The Influence of Posture and Kinesthetic Perceived Space on Cognition*. Poster presented at the Undergraduate Science Symposium, Williamsburg, VA.
- Kent, J.S., & Stevens, J.A. (2006, October). *Get Up and Imagine: The Influence of Body Position on Motor Imagery*. Poster presented at the Undergraduate Neuroscience Symposium, Williamsburg, VA.

Teaching Experience

- PSY 4326.001: Clinical Psychological Science* (Spring 2023; previously a *Special Topics* course). Instructor for this upper-level undergraduate elective, Department of Psychology, School of Behavioral and Brain Sciences, The University of Texas at Dallas.
- HCS 7355.001: Seminar in Psychology – Adult Psychopathology* (Fall 2022). Instructor for this graduate course, Department of Psychology, School of Behavioral and Brain Sciences, The University of Texas at Dallas.
- PSY 4v90.003: Special Topics in Psychology – Clinical Psychological Science* (Spring 2022). Instructor for this upper-level undergraduate elective, Department of Psychology, School of Behavioral and Brain Sciences, The University of Texas at Dallas.
- PSY 4v90.001: Special Topics in Psychology – Philosophy of Psychological Science* (Fall 2021). Instructor for this undergraduate elective, Department of Psychology, School of Behavioral and Brain Sciences, The University of Texas at Dallas.
- PSY 8111: Biological, Cognitive, Affective, Social, Developmental, and Historical Aspects of Psychopathology* (Fall 2018; Fall 2017; Nov-Dec 2016). Instructor for this core graduate course in the Clinical Science and Psychopathology Research Program in the University of Minnesota's Department of Psychology.

P211: Methods of Experimental Psychology Laboratory (Spring 2012). Associate Instructor for 2 undergraduate laboratory sections of P211, a required course for Psychology majors, Department of Psychological and Brain Sciences, Indiana University.

P433: Laboratory in Neuroimaging Methods and Statistics (Spring 2014). Teaching Assistant, Department of Psychological and Brain Sciences, Indiana University.

Clinical Training

Minneapolis VA Health Care System Internship Training (August 2014-August 2015)
Training Directors: Dr. Wayne Siegel, Dr. Thad Strom

Serious and Persistent Mental Illness team (4 month major rotation)

Supervisors: Dr. Martina Rodgers, Dr. Bridget Hegeman, Dr. Tasha Nienow

- Provided individual and group cognitive behavioral social skills training (CBSST), Illness Management and Recovery (IMR) group therapy, multifamily group therapy, and individual metacognition-oriented integrative/supportive therapy.
- Conducted team intake assessments.

Psychiatry Partial Hospitalization Program (4 month major rotation)

Supervisor: Dr. Carl Isenhardt

- Provided individual Motivational Interviewing focused on substance use issues.
- Provided cognitive skills (adapted from CBT), emotion regulation skills (adapted from DBT), Wellness Recovery Action Plan (WRAP), and process (with a focus on substance use issues) group therapy.
- Conducted diagnostic assessments using the MMPI-2-RF testing and diagnostic interviewing.
- Provided Psychiatry Partial Hospitalization Program case management.

Addictive Recovery Services team (4 month major rotation)

Supervisors: Dr. Daniel Silversmith, Dr. Ethan McCallum

- Provided group CBT for substance use and process (with a focus on substance use) group therapy for the Intensive Outpatient Program (IOP).
- Provided individual CBT for substance use.
- Conducted chemical health assessments and IOP intake and screening assessments.

Dialectical Behavioral Therapy (6 month adjunctive experience)

Supervisor: Dr. Linda Van Egeren

- Provided DBT skills group therapy, individual DBT, and business hours phone coaching in the context of a full-model DBT program.

Time-Limited Dynamic Psychotherapy (6 month adjunctive experience)

Supervisor: Dr. Ann Wagner

- Provided individual time-limited dynamic psychotherapy.

Acceptance and Commitment Therapy (6 month adjunctive experience)

Supervisor: Dr. Lutz Hess

- Provided individual ACT.

Assessment Clinic (year-long adjunctive experience)

Supervisors: Dr. Paul Arbisi, Dr. Wayne Siegel, Dr. Matthew Kaler

- Conducted comprehensive diagnostic assessments using both diagnostic interviewing and MMPI-2-RF testing.

Training workshops attended during internship:

Prolonged Exposure (PE)

Instructors: Dr. Thad Strom, Dr. Emily Voller, Dr. Amanda Ferrier-Auerbach

Dates: September 2-4, 2014,

Dialectical Behavioral Therapy (DBT)

Instructors: Dr. Laura Meyers, Dr. Ren Stinson, Dr. Linda Van Egeren, Jacqueline Wright, LICSW

Dates: August 28-29, 2014

Motivational Interviewing (MI)

Instructor: Dr. Carl Isenhardt

Dates: September 8-9 and 22, 2014

Tobacco Cessation

Instructors: Dr. Jennie Leskela, Dr. Kyle Curry

Date: October 8, 2014

MMPI-2-RF

Instructor: Dr. Paul Arbisi

Date: November 11, 2014

Acceptance and Commitment Therapy (ACT)

Instructors: Dr. Lutz Hess, Dr. Jude Henningsgaard

Dates: February 2-3, 2015

Indiana University Cognitive Behavioral Therapy Research and Training Clinic (Fall 2012-Spring 2014)

Supervisor: Dr. Cara Lewis

- Conducted comprehensive diagnostic assessments using both semi-structured interviews (i.e. Structured Clinical Interview for DSM-IV Axis I Disorders) and self-report measures.
- Provided cognitive behavioral therapy to clients with mood and anxiety disorders.

Larue D. Carter Memorial Hospital (Summer 2013)

Supervisor: Dr. Jenifer Vohs

- Provided cognitive behavioral therapy, social skills training (SST), and metacognition-oriented integrative therapy to inpatient individuals with serious mental illness (SMI).
- Conducted group SST with inpatient individuals with SMI.
- Performed symptom and cognitive assessments.

Psychosocial Rehabilitation and Recovery Center (PRRC), Richard L. Roudebush VA Medical Center (2012)

Supervisor: Dr. Paul Lysaker

- Provided metacognition-oriented integrative psychotherapy to outpatient individuals with serious mental illness (SMI).
- Led metacognition-oriented integrative group psychotherapy, including process, stress management, dual diagnosis, and recreational therapy groups for outpatient individuals with SMI.
- Conducted inpatient SMI assessments for diagnostic and treatment consultation purposes.

Office of Alternative Screening and Intervention Services (OASIS) (Fall 2011-Spring 2012)

Supervisors: Dr. Walt Keller and Jacqueline Daniels, LCSW

- Screened undergraduates for risky alcohol and substance use behaviors following alcohol-related judicial infractions.
- Provided psychoeducation about the psychological, physiological, and legal consequences of drinking.
- Used Motivational Interviewing techniques to identify inconsistencies between student values and current drinking behavior and discuss these inconsistencies in the context of behavior change.
- Assessed Personal Development, Engagement, Asset Building, Community Outreach, and Esteem for Self and Others (PEACE). Provided resources and discussed options to encourage growth in areas in which students showed room for improvement.

Research and Evaluation of Antipsychotics in Community Health Organizations Outcomes Study (REACH OUT) (Fall 2010-Fall 2011)

Supervisor: Dr. David Ayer

- Assessed outpatient clients of a community mental health center with schizophrenia and bipolar disorder on measures indexing quality of life, social support, suicidality, addiction severity, co-morbidity, and quality of therapeutic relationship.
- Administered the Structured Clinical Interview for Symptoms of Remission (SCI-SR; adapted from the Positive and Negative Syndrome Scale) and the Personal and Social Performance Scale (PSP; adapted from the Global Assessment of Functioning).

- Assessed quality of therapeutic relationship between medical providers and clients.

Structured Clinical Interview for the Diagnostic and Statistical Manual of Mental Disorders, 4th Edition, Text Revision (Summer 2011-Fall 2012)

Supervisors: Dr. William Hetrick and Dr. Brian O'Donnell

- Received formal training from Dr. Michael First, creator of the SCID, on implementation technique and determination of diagnosis.
- Administered the SCID to outpatient clients of a community mental health center, as well as a non-psychiatric population for research purposes.

Neuropsychological Testing (Summer 2011-Fall 2012)

Supervisors: Dr. William Hetrick and Dr. Brian O'Donnell

- Administered various subscales of the Wechsler Adult Intelligence Scale, Wechsler Memory Scale, and Wechsler Abbreviated Scale of Intelligence to non-psychiatric research participants and individuals with Asperger's Syndrome.

Parent Behavior Training (Fall 2010-Spring 2012)

Supervisor: Dr. John Bates

- Provided parents of oppositional children with preventative and behavioral strategies as a means to identify antecedents to, respond appropriately to, and modify the behavior of their children.
- Modules included Setting Up For Success, Self Control, Discipline, Reinforcement, Communication, and Generalization

Child Informed Divorce Mediation (Fall 2009-Fall 2010)

Supervisors: Dr. Amy Holtzworth-Munroe and Dr. Brian D'Onofrio

- Provided divorcing parents with information about current research findings regarding children and divorce at the start of the mediation process
- Gathered information about each child through discussions with parents, and provided information specific to each child's age and developmental trajectory
- Worked closely with students and professors at the Indiana University Maurer School of Law to discuss and plan cases.

Structured Interview for Prodromal Symptoms (SIPS) Training (Feb. 21-22, 2013)

Leader: Dr. Barbara Walsh

- Received formal training on administration and official certification on SIPS ratings.

Minnesota Multiphasic Personality Inventory-2-Revised Form (MMPI-2-RF) Seminar (Apr. 29, 2011)

Leader: Dr. Paul Arbisi

- Workshop included presentation of rationale for and development of the MMPI-2-RF, scoring and interpretation materials, psychometric properties, and interpretive recommendations and illustrations.

Structured Clinical Interview for DSM-IV Axis I Disorders (SCID-I) Training (Apr. 16-17, 2011)

Leader: Dr. Michael First

- Received formal training on administration and rating of the SCID-I.
- Follow-up included feedback on 3 audio-taped practice SCID-I administrations from trained SCID-I raters.

Research Training

Cognition and Brain in Psychopathology Lab, Minneapolis VA Medical Center and University of Minnesota 2015-2021

Advisor: Dr. Scott Sponheim

- Used instrumental assessments to study motor abnormalities across domains of severe psychopathology (i.e. schizophrenia, bipolar disorder) and in individuals that carry genetic liability for schizophrenia (i.e. first-degree relatives).
- Studied the neural mechanisms of motor inhibition and cognitive control using event-related potentials (ERPs), functional magnetic resonance imaging (fMRI), and cortical source localization of neural oscillations assessed via EEG.
- Set up clinical, motor behavior, and social cognition fMRI data collection for a Human Connectome Project U01 grant at the University of Minnesota focused on psychosis.
- Won funding to pursue two projects (F32, NARSAD YI Award) examining the possible role of the cerebellum in predictive coding and the possible relationship of motor dysfunction to social cognition deficits in schizophrenia via motor resonance.

Psychopathology and Neuropsychometry Lab, Indiana University 2008-2015

Advisor: Dr. William Hetrick

- Studied cerebellar and motor dysfunction in schizophrenia and bipolar disorder with methods including postural sway, eyeblink conditioning, and actigraph data collection.
- Worked to elucidate the neural substrate of eyeblink conditioning in clinical and non-clinical populations using an infrared eyeblink sensor and functional magnetic resonance imaging (fMRI).

Cognitive Neuroscience Lab, College of William and Mary 2005-2008

Advisor: Dr. Jennifer Stevens

- Conducted research on the relationship between posture and motor imagery and cognition. Responsibilities included running subjects, entering data, running preliminary statistics, making graphs and tables, and writing part of the manuscript for a paper co-authored with Dr. Jennifer Stevens that is currently being revised.
- Researched the effectiveness of a Cognitive Motor Training home program for stroke survivors. Responsibilities included weekly phone interviews with participants, data entry, and summarizing patient diaries.
- Received training in running ERP experiments.

- My honors thesis investigated the neural correlates of emotional processing in schizotypy using ERP analysis.

Movement Sciences Research Group, Oxford Brookes University Spring/Summer 2007

Advisor: Dr. Helen Dawes, Associate Research Fellow, University of Oxford,
Department of Clinical Neurology

- Assisted in designing and writing a protocol for a doctoral thesis studying cognitive-motor interference in gait.
- Received near-infrared spectroscopy (NIRS) training.
- Assisted with running subjects for a pilot study to determine the most appropriate cognitive task for the final study.

Program for Anxiety, Cognition, and Treatment, University of Virginia Summer 2005

Advisor: Dr. Bethany Teachman

- Assisted in collecting data from adults with panic disorder for a study examining changes in information processing biases over the course of panic disorder treatment. Included one-on-one interaction with several participants.
- Observed and recorded notes on group Cognitive Behavior Therapy sessions.

Murray Scholar Project: Investigating the Methodology of Cognitive Neuroscience

Advisor: Dr. Daniel Cristol

- As part of the Murray Scholarship, I was given a \$5000 research stipend. Over the course of four years, I used my stipend to gain experience with various brain analysis methodologies. I spent supplemental time on campus training in ERP methodology, and I studied the NIRS technique in a lab in Oxford, England. Additionally, I was able to engage in relevant research while learning these methods.

Mentorship—as Faculty

Full-time lab staff

- Chloe Peyromaure de Bord

Cognition and Neuroscience doctoral students

- Pan Gu, Maitreyee Kulkarni

Applied Cognition and Neuroscience master's program research intern

- A'Jacia Wash

Undergraduate students

- Sana Khan, Vivek Nair, Kajal Patel, Tanvi Oswal, Safwan Naviwala, Nishka Talwar

Doctoral thesis committee

- Linlin Fan

Undergraduate honors thesis second reader

- Carson Burke, Divya Yadavalli, Sara Neuner

Mentorship—Prior to Faculty Appointment

- Brianna Wenande. Supervised Brianna in analysis of motor data from the Human Connectome Project focused on psychosis. For this project, Brianna learned R and adapted existing scripts to our data.
- Karina Smiley. Supervised Karina in analysis of behavioral data collected as a part of the social cognition fMRI task deployed in the Human Connectome Project focused on psychosis. For this project, Karina learned Matlab and wrote several data analysis scripts.
- Evan Myers. Supervising Evan in executing a project investigating the role of cognition in implicit and explicit social cognition across the psychosis spectrum. Evan has presented this work at a major conference (Society for Research in Psychopathology).
- Li Shen “Jess” Chong. Supervising Jess in executing a project investigating the role of gender in social cognition across the psychosis spectrum. Jess has presented this work at two major conferences (Society for Research in Psychopathology) and is currently preparing a manuscript under my supervision.
- Abraham Van Voorhis. Supervised Abraham in preparing his project, which used EEG to investigate the neural correlates of motor inhibition and cognitive control across the psychosis spectrum, for publication. This manuscript was published in *Human Brain Mapping*.
- Abinand Rejimon. Trained and supervised Abinand in the development and execution of his IU Integrated Freshman Learning Experience project, which involved piloting an updated system for using infrared reflectance to measure eyeblink conditioning. Also mentored Abinand for an additional summer of work in the lab, as well as submission of an abstract for and presentation of a poster at a major conference (Society for Research in Psychopathology).
- Morgan Newman. Trained and supervised Morgan in the development and execution of her Indianapolis Project SEED project, which validated an updated system for using infrared reflectance to measure eyeblink conditioning. Also supervised Morgan for a second Indianapolis Project SEED project, which validated the updated infrared system for use in the fMRI environment.
- Isaiah Innis. Trained and supervised Isaiah in the development and execution of his McNair project comparing EMG and infrared (IR) methods of eyeblink measurement in the context of eyeblink conditioning at Indiana University.
- Lauren Faust, Rebecca Gerber, Paige DeChant, Anna Watkin, Ben Seitzman, Kelsey Schrank, Adam Culbreth, Abigail Carter, Whitney Maranda, Emily George, Andrew DeJesus, Erica Hyman, Isaiah Innis, Samuel Bartley, Samantha McKee, Alexis Howard, Ryan Lackner, Sangeeth Jeevan, Sarah Fischer, Joshua Goldstein, Adam Coey. Trained and supervised these undergraduates in the data entry and database maintenance of over 30 neuropsychological, self-report, and structured interview measures at Indiana University.
- Jessica Pumphrey, Kathryn Roberts. Trained and supervised these undergraduates in EEG data collection and processing at the College of William and Mary.

Ad Hoc Reviewing

PNAS

Cerebral Cortex
Human Brain Mapping
Psychological Medicine
Biological Psychiatry: Cognitive Neuroscience and Neuroimaging
Schizophrenia Bulletin
Schizophrenia Research
Cognitive, Affective, and Behavioral Neuroscience
Psychiatry Research
Physiotherapy Theory and Practice

Departmental Service

UT Dallas:

- Clinical psychology working group member (2022-present)
- Search committee member, tenure-track clinical faculty search (2022-2023)
- Graduate admissions committee member (2022-2023)
- BBS Colloquium committee member (2022-2023)
- Search committee member, instructional faculty search (Spring 2022)

Previously:

Coordinator, Early Investigators Professional Development and Peer Mentorship Group, University of Minnesota Department of Psychiatry. At the department chair's request I served as coordinator for this group, Fall 2018-Winter 2020

Coordinator, Indiana University Clinical Science Colloquium Series. Served as the first graduate student coordinator of this speaking series, which seeks to schedule external and internal speakers, Fall 2012.

University Service

Reviewer for Fall 2012 and Spring 2013 Indiana University Graduate and Professional Student Organization Travel Awards. Blindly reviewed applications for graduate student travel awards to be used for professional development (i.e. conferences and auditions).

Reviewer for Spring 2013 Indiana University Graduate and Professional Student Organization Research Awards. Blindly reviewed applications for graduate student research awards to be used for expenses incurred through conducting academic research.

Additional Teaching Engagements

Structured Clinical Interview for the DSM-IV-TR. Co-leader with Dr. Cara Lewis for an all-day clinical training workshop on the administration of the SCID-I, January 2012.

Cerebellar Deficits in Schizophrenia: An fMRI Eyeblink Conditioning Study. Guest lecture given in PSY-P 433: Laboratory in Neuroimaging Methods (undergraduate), April, 2013. Dr. Thomas W. James, professor.

Background on Severe Mental Illness. Invited presentation given at Middle Way House (a national domestic violence model program and rape crisis center) Continuing Education Training for On-Scene Advocates, May 2012.

Volunteering in Graduate School. Presentation given to the Psychological and Brain Sciences graduate student orientation August 2009-2011.

Disorders of Consciousness. Guest lecture given in PSY-P 337: Clinical Neuroscience (undergraduate), April, 2010. Dr. Brian F. O'Donnell, professor.

Postural Sway in Schizophrenia. Guest lecture given in PSY-P 657: Topical Seminar: Cognitive Neuroscience of Psychopathology (graduate), November, 2010. Dr. Brian F. O'Donnell, professor.

Additional Training Workshops Attended

Center for Innovative Teaching and Learning (CITL) Teaching Orientation Workshops
August 25, 2011 at Indiana University in Bloomington, IN

Instructors: CITL staff

- Training in working with diverse populations, student motivation, general strategies for teaching, techniques for teaching the natural sciences, using technology to enhance teaching, and efficient grading.

American Psychological Association Advanced Training Institute in Non-Linear Methods for Psychological Science

June 21-25, 2010 at the University of Cincinnati in Cincinnati, OH

Instructors: Guy Van Orden, Ph.D., Michael Riley, Ph.D., Kevin Shockley, Ph.D., John Holden, Ph.D., Michael Richardson, Ph.D., and Rick Dale, Ph.D.

- Training in the theory of nonlinear dynamics and complexity, as well as training in and practice with various analysis techniques and applications.

Seventh EEGLAB Workshop

April 22-25, 2009 at Indiana University in Bloomington, IN

Instructors: Scott Makeig, Ph.D., Julie Onton, Ph.D., and Arnaud Delorme, Ph.D.

- Training in EEG analysis and visualization using the EEGLAB toolbox, an open source software environment (used with Matlab) for the analysis of electrophysiological data.