

Curriculum Vita

Andrew Valdespino

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Education

2012 – Current Ph.D. Candidate, Virginia Tech, Blacksburg VA
Major Area: Clinical Psychology
Academic Advisor: John A. Richey, Ph.D.

M.S., 2014; A Quantitative Neural Biomarker for Rejection Estimation: A Neuroeconomic Approach for Evaluating Theory of Mind

2008 – 2011 **M.A.**, Philosophy, Virginia Tech, Blacksburg, VA

2002 – 2006 **B.A.**, Economics, honors, Eckerd College, Saint Petersburg, FL

Publications

Published Manuscripts

Richey, J.A., White, B.A., **Valdespino, A.**, Ghane, M., Keough, M. & Schmidt, N.B. (2016). Attentional control of anxiety related symptoms during an ecologically valid stressor. *Anxiety, Stress, & Coping*, 5806, (1 – 20), doi: 10.1080/10615806.2015.1015424

Richey, J.A., Ghane, M., **Valdespino, A.**, Coffman, M., Strege, M., White, S.W., Ollendick, T. (2016) Spatiotemporal dissociation of brain activity underlying threat and reward in social anxiety disorder. *Social Cognitive Affective Neuroscience*. doi: 10.1093/scan/nsw149

Manuscripts Under Review

Valdespino, A., Hilton, B.T., Sullivan-Toole, H., Strege, M.V. & Richey, J.A. (under review). Paracingulate and Insular Cortex Contribute to Fairness and Expected Value Estimates during Social Exchange.

Valdespino, A., Antezana, L., Ghane, M. & Richey, J. A. (under review). The role of the insula in interoception and theory of mind across psychiatric disorders.

Antezana, A., Scarpa, S., **Valdespino, A.**, Albright, J. & Richey, J.A. (under review). Rural trends in diagnosis and services for autism spectrum disorder.

Strege, M., Swain, D., Bochicchio, L., **Valdespino, A.** & Richey J. A. Effects of mindfulness-based cognitive therapy on positive affect and social anxiety symptoms.

Manuscripts in Preparation

Ghane, M., **Valdespino, A.** & Richey, J. A. What is it, and how much is it worth? An integrative perspective on neural systems involved in perceptual and reinforcement-based decision-making.

Symposia

Chair

Valdespino, A. (2015). Clinical Applications of Economics and Learning Theory in the Context of Social Anxiety, Depression, and Suicidality. Symposium chair at the 49th annual meeting of the Association for Behavioral and Cognitive Therapies (ABCT), Chicago, IL

Presentations

Valdespino, A. (2015). Getting Beliefs Right: Exploring the Role of Mentalizing in Social Anxiety. Symposium presentation at the 49th annual meeting of the Association for Behavioral and Cognitive Therapies (ABCT), Chicago, IL.

Conference Presentations

Valdespino, A., King-Casas, B., Sullivan-Toole, H., Hilton, B.T. & Richey, J.A. (2016). Altered neural processing of social expected value in the context of social anxiety. Poster presented at the Association for Behavioral and Cognitive Therapies 50th Annual Convention, New York, NY.

Valdespino, A., Hilton, B.T., Sullivan-Toole, H., King-Casas, B., Strega, M.V. & Richey, J.A. (2016). Dissociation of neural activity underlying fairness estimates of self-enacted gestures, and contingent expected value estimates. Poster presented at the Virginia-Nordic Precision Neuroscience Annual Meeting, Roanoke, VA.

Greene, A., **Valdespino, A.**, Ghane, M. & Richey J. A. (2016) Quantitative Behavioral Markers of Inequity Preference: Implications for the etiology of anxiety and depression. Poster to be presented at the Anxiety and Depression 37th Annual Conference, San Francisco, CA.

Valdespino, A. & Richey, J.A. (2015). Characterizing Social Learning Computations in Social Anxiety Disorder. Poster to be presented at the Association for Behavioral and Cognitive Therapies 49th Annual Convention, Chicago, IL.

Valdespino, A., Hilton, B.T., Sullivan-Toole, H., King-Casas, B. & Richey, J.A. (2015). Neural Value Estimations Related to Limited Partner Perspective During Social Exchange. Poster presented at the Society for Neuroscience 45th Annual Convention, Chicago, IL.

Valdespino, A., Hilton, B.T., & Richey, J.A. (2014). A Quantitative Neural Biomarker for Estimating Social Rejection: Implications for the Development and Maintenance of Social Anxiety Disorder. Poster presented at the Association for Behavioral and Cognitive Therapies 48th Annual Convention, Philadelphia, PA.

Coffman, M.C, Orloff, M., **Valdespino, A.**, Ghane, M., White, S.W. & Richey, J.A. (2014). Effect of Social Anxiety on Resting State Brain Networks in Adults with ASD. International Meeting for Autism Research, Atlanta, GA.

Valdespino, A., Coffman, M.C. & Richey, J.A. (2013). A Novel EEG Prototype with Implications for Real-Time Neurofeedback Therapy Brain Computer Interface. Poster presented at the Association for Behavioral and Cognitive Therapies 47th Annual Convention, Nashville, TN.

Ghane, M., **Valdespino, A.** & Richey, J.A. (2013). Dentato-Thalamic Resting State Functional Connectivity in Autism Spectrum Disorders. Poster presented at the Society for Neuroscience (SfN) annual conference, San Diego, CA.

Valdespino, A., Ghane, M. & Richey, J.A. (2013). A Novel Prototype for Real-Time Neurofeedback and Brain-Computer Interface. Poster presented at the Association for Psychological Science 25th Annual Convention, Washington, DC.

Ghane, M., **Valdespino, A.** & Richey, J.A. (2013). Causal Modeling of Cerebello-Thalamic Connectivity in Autism Spectrum Disorder. Association for Psychological Science 25th Annual Convention, Washington, DC.

Ghane, M., **Valdespino, A.**, Richey, J.A., (2013). Vector Autoregressive Modeling of Cerebellar-Thalamic Connectivity in Autism Spectrum Disorder. Association for Psychological Science (APS) 25th Annual Convention, Washington, D.C.

Ghane, M., **Valdespino, A.**, Richey, J.A., (2013). Vector Autoregressive Modeling of Cerebellar-Thalamic Connectivity in Autism Spectrum Disorder. Central Virginia Chapter of the Society for Neuroscience (CVCSN) 25th Annual Symposium, Roanoke, Virginia.

Hu, S., Ghane, M., **Valdespino, A.**, Harrison, D. & Richey, J.A. (2013). Traumatic Frontal Lobotomy and Amotivational Apathetic Syndrome: Limitations of Standardized Neuropsychological Assessments. Association for Psychological Science 25th Annual Convention, Washington, DC.

Extramural Research Positions

R33: *Development and Testing of a Novel Neurotechnology*

Agency: NIH/NIMH

Period: 1/24/17 – present

Role: Research Assistant

R03: *Data Mining for Autism Endophenotypes in a Large-Scale Resting State fMRI Repository*

Agency: NIH/NIMH

1 R03 MH102651-01

Period: 1/1/15 – 12/31/15

Role: Graduate Research Assistant

Neuroeconomics of Social Decision Making in Autism Spectrum Disorder

Agency: Institute for Environment, Society and Culture (ISCE) at Virginia Tech

Period: 6/1/13 – 9/1/13

Role: Graduate Research Assistant

Professional Research Positions

- 2012 – present Graduate Student, Social Clinical Affective Neuroscience Laboratory of Dr. John A. Richey, Virginia Tech, Blacksburg, VA. Duties: Coordinate recruitment across multiple clinical fMRI studies; clinical and cognitive interviews using the Anxiety Disorders Interview Schedule for DSM-IV (Mini – ADIS-IV) and the Wechsler Abbreviated Scale of Intelligence – Second Edition (WASI – II); conduct fMRI scans.
- 2011 – 2012 Research Coordinator, Social Clinical Affective Neuroscience Laboratory of Dr. John A. Richey, Virginia Tech, Blacksburg, VA. Duties: Develop and code fMRI paradigms, fMRI data analysis, conduct pilot studies, oversee and train undergraduate research assistants.

Professional Clinical Positions

- 2013 – present Neuropsychology Technician, Lewis Gale Medical Center, Salem, VA. Duties: Neuropsychology screening of all patients consulted to neuropsychology; perform assessments across a variety of patient conditions, including stroke and traumatic brain injury. 100+ administrations of the Dementia Rating Scale – 2 (DRS – 2), Mini-Mental State Examination – Second Edition (MMSE – 2), and Geriatric Depression Scale (GDS).
- 2014 – present Neuropsychology Externship, Salem Veteran Affairs Medical Center, Salem, VA. Duties: Neuropsychological assessment, case formulation, and report writing across a wide array of neurocognitive disorder subtypes, including Traumatic Brain Injury, Alzheimer’s Disease, HIV, and Substance Induced Neurocognitive Disorders; neuropsychology clinician in the Memory Assessment Clinic; present results to the attending doctor, social worker, patient and family.
- 2012 – present Graduate Student Clinician, Virginia Tech Psychological Services Center, Blacksburg, VA. Duties: Outpatient therapy and assessment for adults and children; screening interviews; cognitive and personality assessments, comprehensive psychological report writing.
- 2012 – 2013 Group Leader, NeuroRestorative: Brain Injury Recovery and Spinal Chord Rehabilitation, Blacksburg, VA. Duties: Developed and coordinated weekly social skills group for inpatient adults.

Teaching Experience

2016 – present	<u>Primary Instructor</u> (4 × taught), Abnormal Psychology (PSYC – 3014), Virginia Tech, Blacksburg, VA.
Fall 2014	<u>Primary Instructor</u> , Physiological Psychology Lab (PSYC – 4264), Virginia Tech, Blacksburg, VA.
Spring 2014	<u>Primary Instructor</u> , Sensation and Perception Lab (PSYC – 4274), Virginia Tech, Blacksburg, VA.
2012 – 2013	<u>Recitation Instructor</u> , Introduction to Psychology (PSYC – 2004), Virginia Tech, Blacksburg, VA.
2008 – 2011	<u>Graduate Teaching Assistant</u> , School of Performing Arts and Cinema, Virginia Tech, Blacksburg, VA.

Professional Experience

2015 – present	<u>Graduate Student Diversity Representative</u> , Department of Psychology, Virginia Tech, Blacksburg, VA.
2015	<u>Graduate Student Representative</u> , Department of Psychology, Virginia Tech, Blacksburg, VA.

Professional Organizations

Association for Behavioral and Cognitive Therapies (ABCT) – Student Member

Awards

Diversity Scholar, Office of Recruitment and Diversity Initiatives, Virginia Tech, Blacksburg, VA.

Peer Review Experience

Ad Hoc Reviews

Behavior Therapy
Brain Imaging and Behavior
Clinical Child and Family Psychology Review
Frontiers in Systems Neuroscience