

ALLISON GREEN

Department of Psychological and Brain Sciences
Indiana University
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EDUCATION

- In Progress** **Ph.D., Clinical Psychology**
Indiana University, Bloomington, IN
Advisor: Daniel P. Kennedy, Ph.D.
- 2019** **B.A., Psychological and Brain Sciences,**
Dartmouth College, Hanover, NH
Cum Laude
Honors Thesis: *The Relationship Between Social Working Memory and Characteristics of Autism Spectrum Disorder*

AWARDS, HONORS, & FELLOWSHIPS

- 2021-2022** **Predoctoral Trainee,** Multidisciplinary Program in Developmental Process, Indiana University
- 2021** **Departmental Summer Fellowship,** Department of Psychological and Brain Sciences, Indiana University
- 2019** **The Lincoln Filene Undergraduate Fellowship in Human Relations,** Dartmouth College
- 2019** **The Escobosa Family Honors Thesis Prize in Recognition of Excellence in Psychology Honors Thesis Writing,** Dartmouth College
- 2019** **High Honors in Psychology,** Dartmouth College

RESEARCH EXPERIENCE

- 2019-2021** **Clinical Research Coordinator**
Pediatric Psychopharmacology and Adult ADHD Program, Massachusetts General Hospital, Boston, MA
Advisors: Gagan Joshi, MD; Atilla Ceranoglu, MD; Joseph Biederman, MD; Mai Uchida, MD
- Prepared protocols, amendments, annual continuing reviews, and all other reportable events (deviations, adverse events, protocol exceptions) to the Mass General Brigham's Institutional Review Board
 - Managed study recruitment for the Pediatric Psychopharmacology and Adult ADHD department and the Alan and Lorraine Bressler Clinical and Research Program for Autism Spectrum Disorder
 - Conducted study-specific phone screens, evaluated participant eligibility, obtained informed consent for minimal risk protocols, scheduled and tracked subject participation, ordered study medication, verified and entered subject data to RedCap, and ensured that all study tasks were completed in accordance with the protocol
 - Monitored active studies, audited source documentation, and maintained regulatory documents to confirm compliance with state and federal guidelines
 - Communicated with researchers at the Massachusetts Institute of Technology to assist with the collection quality data, support data cleaning and analysis, and to write/prepare manuscripts
- 2018-2019** **Undergraduate Research Assistant**
Dartmouth Social Neuroscience Lab, Dartmouth College, Hanover, NH
Advisor: Meghan Meyer, Ph.D.
- Recipient of the Lincoln Filene Undergraduate Fellowship in Human Relations (\$3500) to participate in full-time research during the summer of 2018
 - Designed and executed an experiment to test social working memory in individuals with autistic traits
 - Recruited, consented, and ran participants through the fMRI task

- Performed data analysis in Python, R Studio, MATLAB and learned the basics of fMRI scanning

2017-2019

Undergraduate Research Assistant

Department of Psychological and Brain Sciences, Dartmouth College, Hanover, NH

Advisor: William Hudenko, Ph.D.

- Analyzed text messages between clinicians and individuals with severe mental health disorders to evaluate remote therapeutic intervention techniques
- Provided input to clinicians to improve therapeutic relationships and identify techniques to produce clinically meaningful change
- Provided mobile interventionists with conversation topics to peak client interest by learning client history and moderating the text messages exchanged between the client and mobile interventionist

2017

Volunteer Research Assistant

Department of Psychiatry, Dartmouth Hitchcock Medical Center, Lebanon, NH

Advisor: Jonathan D. Lichtenstein, PsyD, MBA

- Coded data to determine the relationship between a novel concussion recovery program and decreased concussion side effects
- Attended lectures and research development committees to stay informed about new research within the concussion field
- Participated in the evaluation of children with disabilities, specifically using the Autism Diagnostic Observation Schedule

CLINICAL EXPERIENCE

2022

Co-Therapist, Indiana University Parent Child Clinic

Department of Psychological and Brain Sciences, Indiana University, Bloomington, IN

Advisor: John Bates, Ph.D.

2018

Volunteer: Clinical Science Practicum

Hartford Autism Regional Program, Hartford, VT

Advisor: Jessica Poludin, MEd, BCBA

- Used Applied Behavior Analysis (ABA) techniques in one-on-one and small-group interaction with students to teach skills in socialization, personal health, academics, and communication
- Observed teachers and learned how to utilize ABA therapy, and identify new therapeutic/behavioral techniques to engage students in learning
- Prepared curriculum and teach students in reading, communication, and physical education

OTHER PROFESSIONAL & LEADERSHIP EXPERIENCE

2022

NextGen Psych Scholars Program

- Provided mentorship for underrepresented undergraduate and post-baccalaureate students interested in applying for psychology Ph.D. programs

2022

Coach & Volunteer: Special Olympics Indiana

- Attend weekly team practices to teach individuals with intellectual and developmental disabilities to feel comfortable and confident
- Coordinate with coaching staff and athletes to create individualized goals for athletic competition and weekly practices

2023

Board Member: Monroe County Autism Foundation

- Coordinate and execute community outreach events to financially assist individuals and families connected to the Autism Spectrum Disorder and ASD- related issues

2020

Institutional Review Board Member

Massachusetts General Hospital Institutional Review Board, Boston, MA

- Evaluated initial reviews, continuing reviews, proposed amendments, and any other relevant events submitted from the Department of Psychiatry and Department of Gynecology at Massachusetts General Brigham Hospital
- Ensured all proposals met ICH-GCP guidelines, FDA-guidelines, and institutional guidelines

- Attended monthly meetings and act as a voting member, primary, or secondary reviewer for up to two submissions per meeting

PUBLICATIONS

- Green, A.,** Baroud, E., DiSalvo, M., Faraone, S.V., Biederman, J. Examining the impact of ADHD polygenic risk scores on ADHD and associated outcomes: A systematic review and meta-analysis. *Journal of Psychiatric Research*. 2022.
- Biederman, J., **Green, A.,** DiSalvo, M., Faraone, S.V., Can polygenic risk scores help identify pediatric bipolar spectrum and related disorders?: A systematic review. *Psychiatry Research: Neuroimaging*. 2020.
- Uchida, M., Hung, Y., **Green, A.,** Kelberman, C., Capella, J., Gaillard, S.L., Gabrieli, J.D.E., Biederman, J. Association between frontal cortico-limbic white-matter microstructure and risk for pediatric depression. *Psychiatry Research: Neuroimaging*. 2021.
- Smith, J.R., DiSalvo, M., **Green, A.,** Ceranoglu, T.A., Arnold-Anteraper, S., Croarkin, P., Joshi, G., Treatment Response of Transcranial Magnetic Stimulation in Intellectually Capable Youth and Young Adults with Autism Spectrum Disorder: A Systematic Review and Meta-Analysis. *Neuropsychology Review*. 2022.
- Uchida, M., Bukhari, Q., **Green, A.,** Serra, G., Hutt Vater, C., Ghosh, SS., Faraone, S.V., Gabriele, J.D.E., Biederman, J. Can machine learning identify childhood characteristics that predict future development of bipolar disorder a decade later? *Journal of Psychiatric Research*. 2022.
- Biederman, J., DiSalvo, M., **Green, A.,** Woodworth, K.Y., Gilfix, T., Law, C., Gabrieli, J.D.E., Faraone, S.V. Rates of switching stimulants in consecutively referred medication naïve adults with ADHD. *Acta Psychiatrica Scandinavica*. 2021.
- Biederman, J., DiSalvo, M., **Green, A.,** Woodworth, K.Y., Law, C., Gabrieli, J.D.E., Faraone S.V. How frequent is switching from an initial stimulant family to the alternative one in the clinical setting? A pilot study of 49 consecutively referred medication-naïve adults with attention-deficit/hyperactivity disorder. *Journal of Clinical Psychopharmacology*. 2021.
- Kelberman, C., Biederman, J., **Green, A.,** Spera, V., Maiello, M., Uchida, M. Differentiating bipolar disorder from unipolar depression in youth: A systematic literature review of neuroimaging research studies. *Psychiatry Research: Neuroimaging*. 2020.
- Kucyi, A., Esterman, M., Capella, J., **Green, A.,** Uchida, M., Biederman, J., Gabrieli, J.D.E., Valera, E., Whitfield-Gabrieli, S. Prediction of stimulus-independent and task-unrelated thought from functional brain networks. *Nature Communications*. 2020.
- Ceranoglu, T.A., Cassano, P., Hoskova, B., **Green, A.,** Dallenbach, N., DiSalvo, M., Biederman, J., Joshi, G. Transcranial photobiomodulation in adults with high-functioning autism spectrum disorder: positive findings from a proof-of-concept study. *Photobiomodulation, Photomedicine, and Laser Surgery*. 2021.
- Luccarelli, J., McCoy, T.H., Uchida, M., **Green, A.,** Seiner, S.J., Henry, M.E. The efficacy and cognitive effects of acute course electroconvulsive therapy are equal in adolescents, transitional age youth, and young adults. *Journal of Child and Adolescent Psychopharmacology*. 2021.
- Biederman, J., Fried, R., DiSalvo, M., Driscoll, H., **Green, A.,** Biederman, I., Woodworth, K.Y., Faraone, S.V. A novel digital health intervention to improve patient engagement to stimulants in adult ADHD in the primary care setting: Preliminary findings from an open label study. *Psychiatry Research*. 2020.
- Fried, R., DiSalvo, M., Kelberman, C., Adler, A., McCafferty, D., Woodworth, K.Y., **Green, A.,** Biederman, I., Faraone SV., Biederman, J. An innovative SMS intervention to improve adherence to stimulants in children with ADHD: Preliminary findings. *Journal of Psychopharmacology*. 2020.
- Biederman, J., DiSalvo, M., Vaudreuil, C., Wozniak, J., Uchida, M., Woodworth, K.Y., **Green, A.,** Faraone, S.V. Can the Child Behavior Checklist (CBCL) Help Characterize the Types of Psychopathologic Conditions Driving Psychiatry Referrals? *Scandinavian Journal of Child and Adolescent Psychiatry*. 2020.

Biederman, J., DiSalvo, M., Vaudreuil, C., Wozniak, J., Uchida, M., Woodworth, K.Y., **Green, A.**, Farrell, A., Faraone, S.V. The child behavior checklist can aid in characterizing suspected comorbid psychopathology in clinically referred youth with ADHD. *Journal of Psychiatric Research*. 2021.

Uchida, M., Hirshfeld-Becker, D., DiSalvo, M., Rosenbaum, J., Henin, A., **Green, A.**, Biederman, J. Further evidence that subsyndromal manifestations of depression in childhood predict the subsequent development of major depression: a replication study in a 10 year longitudinally assessed sample. *Journal of Affective Disorders*. 2021.

Biederman, J., DiSalvo, M., Vaudreuil, C., Wozniak, J., Uchida, M., Woodworth, K.Y., **Green, A.**, Faraone, S.V. Disentangling the heterogeneity of emotional dysregulation in referred youth using the child behavior checklist attending to age and sex effects. *Journal of Affective Disorders*. 2022.

ORAL PRESENTATIONS

Green, A., Biederman, J., DiSalvo, M., Faraone, S. Can Polygenic Risk Scores Help Identify Pediatric Bipolar Spectrum and Related Disorders?: A Systematic Review. Symposium talk at the American Academy of Child and Adolescent Psychiatry 2021 Annual Meeting.

POSTER PRESENTATIONS

Ceranoglu, T., **Green, A.**, Cassano, P., DiSalvo, M., Hoskova, B., Dallenbach, N., Joshi, G. Efficacy of Transcranial Photobiomodulation in Adults with High-functioning Autism Spectrum Disorder: A Prospective, Open-Label Study of a Novel Approach. Poster presented at the Massachusetts General Hospital Clinical Research Day 2020 annual meeting.

Uchida, M., **Green, A.**, Hirshfeld-Becker, D., DiSalvo, M., Rosenbaum, J., Henin, A., Biederman, J. Further Evidence that Subsyndromal Manifestations of Depression in Childhood Predict the Subsequent Development of Major Depression: A Replication Study in a 10 Year Longitudinally Assessed Sample. Poster presented at the Massachusetts General Hospital Clinical Research Day 2020 annual meeting.

Hutt Vater, C., Smith, J., **Green, A.**, Laliberty, E., Ceranoglu, T.A., Joshi, G. Treatment response of transcranial magnetic stimulation in intellectually capable youth and young adults with autism spectrum disorder: A systematic review and meta-analysis. Presented at the Massachusetts General Hospital Clinical Research Day 2021 annual meeting.

Cooper, E., Ceranoglu, T., **Green, A.**, Dallenbach, N., Joshi, G. Comparative Study of Biosensors as an Outcome Measure for Clinical Trials: A Novel Approach to Monitoring Vital Signs. Poster presented at the Massachusetts General Hospital Clinical Research Day 2020 annual meeting.

Biederman, J., DiSalvo, M., **Green, A.**, Driscoll, H., Lefebvre, C.H., Faraone, S.V. Growth Trajectories of Stimulant Treated Children with ADHD: An Electronic Medical Record Assessment Attending to Sex, Ethnicity and Magnitude of Exposure to Stimulant Treatment. Presented at the International College of Neuropsychopharmacology 33rd Hybrid World Congress of Neuropsychopharmacology.

Hutt Vater, C., Ceranoglu, A., Cassano, P., **Green, A.**, Dallenbach, N., DiSalvo, M., Biederman, J., Joshi, G. Efficacy of tPBM on ADHD Symptoms and Executive Function Deficits in Adults with High-Functioning Autism Spectrum Disorder. Presented at the International College of Neuropsychopharmacology 33rd Hybrid World Congress of Neuropsychopharmacology.

Biederman, J., DiSalvo, M., Vaudreuil, C., Wozniak, J., Uchida, M., Woodworth, K.Y., **Green, A.**, Lefebvre, C.H., Faraone, S.V. Disentangling the Heterogeneity of Emotional Dysregulation in Referred Youth Using the Child Behavior Checklist Attending to Age and Sex Effects. Presented at the International College of Neuropsychopharmacology 33rd Hybrid World Congress of Neuropsychopharmacology.

Uchida, M., DiSalvo, M., Hirshfeld-Becker, D., Woodworth, H., Carrellas, N., Kelberman, C., **Green, A.**, Biederman, J. Re-Examination of Subsyndromal Depression Predicting Major Depressive Disorder Development in High-Risk Children. Poster presented at the American Professional Society of ADHD and Related Disorders 2020 annual meeting.

Biederman, J., DiSalvo, M., Fried, R., Woodworth, K.Y., Biederman, I., **Green, A.**, Faraone, S. Quantifying the Protective Effects of Stimulants of Functional Outcomes in ADHD: A Focus on Number Needed to Treat (NNT) Statistics and Sex Effects. Poster presented at the American Professional Society of ADHD and Related Disorders 2020 annual meeting.