

Emma Hayden

Phone: +1 (973) 590-6296 Email: erhayden@knights.ucf.edu

EDUCATION

- University of Central Florida** August 2022-Present
Doctor of Philosophy in Clinical Psychology
- Tufts University School of Arts and Sciences** 2014-2018
BS in Clinical Psychology, BA in French
Magna Cum Laude
- Université Sorbonne-Nouvelle (Paris III)** January 2017-May 2017
Study abroad in French language and literature

RESEARCH EXPERIENCE

- University of Central Florida** August 2022-Present
Risk, Eating, and Addiction Longitudinally Examined Through In situ Momentary Experiences (REALE-TIME) Lab
- **Position:** Graduate Student Research Assistant
 - **Advisor:** Robert Dvorak, PhD
- Massachusetts General Hospital (Harvard Medical School)** June 2018-July 2020
Depression Clinical and Research Program
- **Position:** Clinical Research Coordinator
 - **Projects:**
 - Neurobiological Underpinnings of Placebo Response in Major Depressive Disorder (R01)
 - Principal Investigators: Cristina Cusin, MD, Maurizio Fava, MD, and Diego Pizzagalli, PhD
 - Sensors-Based Characterization of Depression (R01)
 - Principal Investigators: Paola Pedrelli, PhD and Rosalind Picard, PhD (of MIT Media Lab)
 - Neuroimaging Studies of Reward Processing in Major Depressive Disorder (R37)
 - Principal Investigators: Diego Pizzagalli, PhD and Cristina Cusin, MD
 - Augmentation versus Switch: Comparative Effectiveness Research Trial for Treatment-Resistant Depression (PCORI Grant)
 - Principal Investigator: George Papakostas, MD
 - **Primary Responsibilities:**
 - Prepared annual and semi-annual reports for FDA and NIH monitoring
 - Administered simultaneous PET, fMRI, and spectroscopy scans
 - Conducted diagnostic phone interviews to determine participant eligibility for research studies
 - Administered clinical and cognitive measures to research participants
 - Administered suicidality risk assessments to research participants when indicated

- Submitted IRB amendments, new protocol applications, continuing reviews, and protocol exceptions
- Conducted preliminary statistical analyses and created weekly progress reports for principal investigator and research team
- Ordered lab testing (e.g. routine blood panels, serum HCG pregnancy tests, etc.) for research patients via Epic
- Ordered prescription medications via Epic and distributed to research participants
- Collected and processed human specimen samples
- Conducted systematic literature searches to assist in the preparation of NIH grant applications
- Organized and lead seminars for research coordinators on topics related to multicultural issues, diversity, and inclusion
- Organized weekly seminars for research coordinators with speakers from the fields of psychology, psychiatry, medicine, and neuroscience
- Provided resources to research participants for accessing clinical care in the Greater Boston Area

McLean Hospital (Harvard Medical School)

August 2017-June 2018

Schizophrenia and Bipolar Disorder Program

- **Position:** Research Intern
- **Project:** Characterization of Variability in Motivation and Reward in Psychosis
- **Principal Investigator:** Kathryn Eve Lewandowski, PhD
- **Primary Responsibilities:**
 - Assisted in conducting a case-control study exploring the relationship between motivation and reward in individuals experiencing psychosis
 - Completed diagnostic phone interviews with patients with psychosis and healthy controls
 - Administered and scored clinical, cognitive, and psycholinguistic measures
 - Observed clinical interviews (including SCID and MINI evaluations) in patients diagnosed with schizophrenia, schizoaffective disorder, and bipolar disorder with psychotic features
 - Created weekly progress reports for principal investigator and research team
 - Input participant data into REDCap database
 - Maintained IRB regulatory documentation
 - Acted as a contact for participants in scheduling research visits

McLean Hospital (Harvard Medical School)

June 2016-August 2017

Center for Depression, Anxiety, and Stress Research

- **Position:** Research Intern
- **Principal Investigators:** Diego Pizzagalli, PhD and Christian Webb, PhD
- **Primary Responsibilities:**
 - Assisted in conducting a study examining the effectiveness of behavioral activation therapy as a treatment for anhedonia in adolescents with major depressive disorder
 - Assisted in conducting a study exploring emotion regulation and maladaptive behavior in adolescents with major depressive disorder or a history of childhood adversity

- Conducted diagnostic phone interviews with adolescent participants and their parents to determine eligibility for research studies
- Processed and analyzed EEG data
- Maintained IRB regulatory documentation
- Developed and utilized new methods for participant recruitment

Tufts University

January 2016-December 2016

Emotion, Brain, & Behavior Laboratory

- **Position:** Research Intern
- **Principal Investigator:** Heather Urry, PhD
- **Primary Responsibilities:**
 - Assisted in conducting a study examining the relationships between depression and anxiety symptoms and cognitive reappraisal
 - Assisted in conducting a study examining how psychosocial stress affects performance in individuals with social anxiety
 - Collected ECG, EDA, and EMG data and processed with MATLAB
 - Ran study session tasks using E-Prime and Biopac
 - Distributed Qualtrics surveys to research participants
 - Conducted literature searches on depression and anxiety symptoms, cognitive reappraisal, and rumination

CLINICAL EXPERIENCE

McLean Hospital (Harvard Medical School)

August 2020-Present

3East Intensive Adolescent DBT Program

- **Position:** Clinical Educator Specialist
- **Supervisors:** Gillian C. Galen, PsyD and Blaise Aguirre, MD
- **Primary Responsibilities:**
 - Taught DBT classes in mindfulness, distress tolerance, emotion regulation, and interpersonal effectiveness
 - Lead group therapy for adolescent and young adult patients with borderline personality disorder, suicidal ideation, non-suicidal self-injury, substance use disorders, post-traumatic stress disorder, and other psychiatric conditions
 - Provided one-on-one skills coaching to patients experiencing acute emotional dysregulation
 - Provided psychoeducation to patients
 - Prepared daily clinical notes and distribute to treatment team and clinical staff
 - Attended weekly rounds with treatment team
 - Attended weekly clinical supervision
 - Attended twice-weekly peer-reviewed journal club
 - Maintained patient medical records

PUBLICATIONS

- Ang, Y. S., Cusin, C., Petibon, Y., Dillon, D., Breiger, M., Belleau, E., Normandin, M., Schroder, H., Boyden, S., **Hayden, E. R.**, Levine, M. T., Jahan, A., Meyer, A., Kang, M., Brunner, D., Gelda, S., Hooker, J., El Fakhri, G., Fava, M., & Pizzagalli, D. (2022). Dopamine and option generation: A multi-pronged investigation using depression, PET and modafinil. *Brain*, *145*(5), 1854-1865. DOI: <https://doi.org/10.1093/brain/awab429>.
- Pedrelli, P., Borsari, B., Merrill, J. E., Fisher, L. B., Nyer, M., Shapero, B. G., Farabaugh, A., **Hayden, E. R.**, Levine, M. T., Weiss, R. D., & Fava, M. (2020). Evaluating the combination of a brief motivational intervention plus cognitive behavioral therapy for depression and heavy episodic drinking in college students. *Psychology of Addictive Behaviors*, *34*(2), 308-319. DOI: <https://doi.org/10.1037/adb0000538>.

CONFERENCE PRESENTATIONS

- Meyer, A. K., Ramirez Gomez, L. A., Nyer, M., Liu, R., Sakurai, H., Mischoulon, D., Zamaria, J. A., Foster, S., **Hayden, E. R.**, Pedrelli, P., & Jain, F. (2021, November 18-21). *Mentalizing Imagery Therapy Promotes Connectedness to Nature and Reduces Depression: Secondary Analysis of a Randomized Controlled Trial* [Poster presentation]. Association for Behavioral and Cognitive Therapies Convention, New Orleans, LA.
- Meyer, A. K., Ramirez Gomez, L., Nyer, M., Liu, R., Sakurai, H., Mischoulon, D., Zamaria, J., Foster, S., **Hayden, E. R.**, Pedrelli, P., & Jain, F. A. (2021, April 21). *Mentalizing Imagery Therapy Promotes Connectedness to Nature and Reduces Depression: Secondary Analysis of a Randomized Controlled Trial* [Poster presentation]. Harvard Psychiatry Research Day Poster Session & Mysell Lecture, Virtual.
- Jahan, A. B., Dillon, D. G., Petibon, Y., Meyer, A. K., Normandin, M., **Hayden, E. R.**, Belleau, E., Alpert, N. M., El Fakhri, G., Hooker, J., Crowley, D., Cusin, C., Pizzagalli, D. A., & Fava, M. (2021, April 29-May 1). *Exploring Gender Differences in the Placebo Response to Major Depressive Disorder (MDD) Using Neuroimaging Techniques* [Poster presentation]. Society for Biological Psychiatry Annual Meeting, Virtual.
- Meyer, A. K., Ramirez Gomez, L. R., Nyer, M. N., Liu, R., Sakurai, H., Mischoulon, D., Zamaria, J., Foster, S., **Hayden, E. R.**, Pedrelli, P., & Jain, F. A. (2021, March 18-19). *Mentalizing imagery therapy promotes connectedness to nature and reduces depression: Secondary analysis of a randomized controlled trial* [Poster presentation]. 41st Annual Anxiety and Depression Association of America Conference, Virtual.
- Hayden, E. R.**, Nyer, M., Fisher, L., & Pedrelli, P. (2020, March 20). *The relationship between sex, heavy episodic drinking, and suicidal behaviors in college students with depressive symptoms* [Poster presentation]. 40th Annual Anxiety and Depression Association of America Conference, San Antonio, TX.

Brunner, D., Belleau, E., Dillon, D., Levine, M., **Hayden, E. R.**, Boyden, S., Cheung, C., Kang, M. S., El Fakhri, G., Hooker, J., Ma, C., Kaptchuk, T., Fava, M., Cusin, C., & Pizzagalli, D. A. (2020, January 29). *Reward responsiveness in depression and placebo response* [Poster presentation]. McLean Hospital Research Day, Belmont, MA.

AWARDS

Tufts University Dean's List 2015-2018

PROFESSIONAL MEMBERSHIPS

American Psychological Association Present
American Psychological Society Present
Society for the Psychology of Sexual Orientation and Gender Diversity Present
Tufts University Psychology Society 2015-2018
Active Minds at Tufts 2016-2018

CERTIFICATIONS

DBT for Substance Use Disorders 2021
Portland DBT Institute
Narcan Administration 2021
Crisis Prevention and Intervention 2021
Collaborative Institutional Training Initiative (CITI) Human Subjects Program
Biomedical Research Investigators and Key Personnel 2016
Social and Behavioral Research 2016

SKILLS

Data Analysis: SPSS, REDCap, MATLAB/ANSLAB, Empatica E4, E-Prime, Biopac, Qualtrics, BodyMedia SenseWear, BrainVision, LabArchives

Clinical: Epic electronic medical records, PET/MRI scan administration, phlebotomy, vitals, ECG, preparation and transport of human blood samples for lab testing, ordering lab testing and medications via electronic medical records system, medication administration, crisis prevention and intervention, drug screening, serum and urine HCG pregnancy screening

Language: English (Native) and French (Proficient)