

JACK DICARLANTONIO

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EDUCATION

University of Pittsburgh

2020 - 2024

B.S. with High Honors in Psychology

Major GPA: 3.68

Minor in Studio Arts

Overall GPA: 3.53

Honors Thesis: *Examining how mood lability and emotional regulation differ in children and adolescents with bipolar compared to those with bipolar and comorbid ADHD.*

Advisor: Tina R Goldstein, Ph.D.

AWARDS & HONORS

Dean's List, University of Pittsburgh

2020-2024

A recognition of outstanding academic achievement

PUBLICATIONS

1. Bendit, S.E.*, Yocum, A.K.*, **DiCarlantonio, J.**, Kaur, R., McInnis, M.G., Sperry, S.H. *Integrating Research Data and Electronic Health Records to Examine Medical and Treatment Outcomes in Co-occurring Bipolar and Alcohol Use Disorder*. Manuscript in preparation

POSTER PRESENTATIONS

* *Presenting Author*

1. **DiCarlantonio, J.***, Yocum, A., Kaur, R., McInnis, M., & Sperry, S.H. (2025, May) *Age of Onset and Symptom Severity in Bipolar Disorder: A Longitudinal Cohort Study*. Poster presented at the Albert J. Silverman Research Conference, Ann Arbor, MI.
2. Busuito, L.M.*, Kingsley, A., **DiCarlantonio, J.**, Ribbens Grimm, C., Yocum, A., Forlini, E., Klott, H., Abu-Mohammad, A., Bertram, H., Sperry, S.H., Parikh, S., Marshall, D., & Ryan, K.A. (2025, May) *Factors Affecting Discrepancies Between Subjective Cognitive Complaints and Objective Cognitive Performance in Bipolar I Disorder*. Poster presented at the Albert J. Silverman Research Conference, Ann Arbor, MI.
3. Yocum, A.*, Kingsley, A., **DiCarlantonio, J.**, Kaur, R., Ribbens Grimm, C., Sperry, S.H., McInnis, M., & Ryan, K.A. (2025, March) *Breakthrough Discoveries in Bipolar Disorder Navigating the Complexities of Data Integration and Participant Enrollment*. Poster presented at the Breakthrough Discoveries for Thriving with Bipolar Disorder Conference, Cancun, MX.
4. **DiCarlantonio, J.***, Yocum, A., Kaur, R., McInnis, M., & Sperry, S.H. (2025, May) *Age of Onset and Symptom Severity in Bipolar Disorder: A Longitudinal Cohort Study*. Poster to be presented at the Society of Research in Psychopathology Conference, LA, CA.

RESEARCH EXPERIENCE

Research Area Specialist Associate, Heinz H.C Prechter Bipolar Research Program

06/2024- Present

Department of Psychiatry | University of Michigan

Mentors: Sarah Sperry, Ph.D., Kelly Ryan, Ph.D., & Melvin McInnis, M.D.

- **BD² Multi-Site Study: Breakthrough Discoveries for Thriving with Bipolar Disorder**

- Recruit and consent patients with bipolar I disorder, schedule and maintain frequent communication with participants, manage their weekly remote assessments
- Manage multiple aspects of 1.5-day study visit:
 - Coordination of clinical interview
 - Facilitate participants' blood draw appointments, including processing blood samples by centrifugation and aliquoting, and handling the shipment of hazardous materials.
 - Administer comprehensive neuropsychological test batteries and score test.
 - Conduct qualitative interviews to assess participants' experiences with bipolar disorder
 - Clinician and self-report questionnaires
 - Administer fMRI protocols to participants
 - Set up and manage Fitbit devices through Fitabase
 - Processing of payment
- Participate in weekly internal and external multi-site meetings
- Supervise and mentor undergraduate students, leading monthly scientific article discussions and providing guidance on study procedures.
- Develop and maintain working documents and Standard Operating Procedures (SOPs) for study procedures and Redcap data entry

Honors Thesis, Collaborative Research

05/2023- 04/2024

Department of Psychiatry | University of Pittsburgh

Mentor: Tina R Goldstein, Ph.D.

- **Title: How does mood lability and emotional regulation differ in children and adolescents with bipolar compared to those with bipolar and comorbid ADHD?**
 - Organized and compiled multiple articles for literature review using Zotero and Microsoft Excel.
 - Conducted various statistical tests using R Studio for data cleaning and analysis.
 - Wrote an APA-style research paper to document research findings.
 - Collaborated closely with a Ph.D. graduate student, providing weekly updates on project progress.

Research Assistant, Personality Process and Outcome Laboratory

05/2022- 06/2023

Department of Psychology | University of Pittsburgh

Mentor: Aidan Wright, Ph.D.

- **CRISP Study: Smartphone research study about the effects of discrimination on LGBTQ+ mental health**
 - Primary contact for research participants for study compensation and troubleshooting via phone, email, and CTSI's Pitt+Me.
 - Navigated and compiled research data in REDCap secure software.
 - Compiled participant demographic information for NIH grant reports.
 - Provided study updates to the research team in weekly meetings.
 - Created participant training materials.
- **CHEEARS STUDY (NIH R01 grant): Smartphone research study about young adult drinking habits**
 - Administered onboarding and consenting appointments with participants to inform them about operating the EMA app.
 - Conducted screening for 100+ potential participants to evaluate their eligibility for the study.
 - Maintained contact with participants, updating them on their progress throughout the 120-day survey

period.

ADDITIONAL WORK EXPERIENCE

Assistant, Counselor Office

01/2020- 08/2020

Supervisor: Tamara D. Kantar, Ph.D.

- Organized hundreds of patient files from 2006 to 2020 by year, diagnosis, and demographics.
- Utilized customer service skills when greeting patients and offering assistance when needed.

Patient Transporter Volunteer, Doylestown Hospital

09/2016- 05/2020

Supervisor: Tamara D. Kantar, Ph.D.

- Transported patients from appointment to appointment, maintaining the hospital's schedule.
- Expanded my interpersonal and emotional intelligence skills through direct patient care interaction.

ADDITIONAL SKILLS

Clinical: Columbia-Suicide Severity Rating Scale (C-SSRS), Hamilton Depression Rating Scale (HAM-D), Young Mania Rating Scale (YMRS), BD² study specific Qualitative Interview, Functional Assessment Staging Tool (FAST)

Neuropsychological Test: Wide Range Achievement Test 5 (WRAT-5), Category Fluency Test: Animal Naming, California Verbal Learning Test-III (CVLT-III), Trail Making Test (TMT)-Trails A & Trails B, Brief Visuospatial Memory Test-Revised (BMVT-R), Weschler Memory Scale-III (WMS-III) Spatial Span/Letter Number Sequencing, Weschler Abbreviated Scale of Intelligence-II (WASI-II), Stroop Color and Word Test (SCWT), Brief Assessment of Cognition in Schizophrenia (BACS), Continuous Performance Test-Identical Pairs (CPT-IP)

Data Collection & Management: Fitabase, Qualtrics, Excel, REDCap

Programming Languages: R (beginner)

Statistics: Linear Regression Models, ANOVA

CURRENT MEMBERSHIPS

Psi Chi Honors Society

Society for Research in Psychopathology