

EMMA L. JARDAS

10 Center Drive, Bethesda, MD 20892 | emma.jardas@nih.gov

Education

University of Wisconsin-Madison

Major: Psychology

Certificate: Criminal Justice

B.S., Comprehensive Honors

September 2016 – May 2019

Senior Honors Thesis: Clarifying the relationship between psychopathic subtypes, gender, and childhood trauma among criminal offenders

Research

- 2019 - present **Pre-Doctoral Bioethics Fellow**
Department of Bioethics, National Institutes of Health, Bethesda, MD
Conceptual and empirical research on the ethics of research, clinical care, and emerging technologies, with a focus on intersections between bioethics and psychology or statistics.
Initiate and manage mentored research projects; collect and analyze data; synthesize literature and write manuscripts; attend journal club and ethics committee meetings; shadow IRB meetings, ethics consult service meetings, and patient rounds
- 2017 – 2019 **Research Assistant**
Koenigs Lab, UW-Madison, Madison, WI
Psychological and neurobiological mechanisms of criminal behavior and psychopathy.
Collected, managed, and analyzed data (R) for senior honors thesis; screened and consented participants; conducted diagnostic interviews for psychopathy (PCL-R)
- 2016 – 2019 **Substance Abuse Prevention Research Assistant**
UW University Health Services, Alcohol and Drug Prevention Unit, Madison, WI
Investigation of high-risk drinking in relation to racial disparities, impact of alcohol culture, program evaluation, and mental health from a public health/prevention paradigm.
Analyzed qualitative data (NVivo, Excel); analyzed quantitative data (SPSS); contributed to meetings with campus partners on data-driven community changes
- 2018 **Research Unit Intern**
WI Dept. of Health Services, Sand Ridge Secure Treatment Center, Madison, WI
Empirical evidence for the continuous improvement of actuarial risk assessment, treatment, and policy for sexual offenders civilly committed to treatment.
Wrote reproducible markdown scripts (R); provided post-participation feedback to patients; coded statistical analysis (R); shadowed treatment, evaluation units
- 2018 **Welton Summer Honors Apprentice**
Addiction Research Center, UW-Madison, Madison, WI
Development of machine-learning models to predict a variety of health-related behaviors (binge drinking, alcohol use disorder, and depression) using social media.
Consented participants; downloaded social media data; conducted diagnostic interviews for alcohol use disorder (SCID Mod E; TLFB); completed R DataCamp
- 2017 **National Science Foundation (NSF) Research Experience for Undergraduates**
Department of Criminology, University of North Carolina-Charlotte, Charlotte, NC
Development of regression models to predict the intensity of human trafficking using the prevalence of a half-million commercial sex advertisements on Twitter.
Synthesized literature review; analyzed data (R, ArcGIS); wrote manuscript

2017 **Defense POW/MIA Accounting Agency Student Researcher**
US Dept. of Defense, Defense POW/MIA Accounting Agency (DPAA)
Partnership with DPAA to complete independent historical and archival research
on missing status of one WWII MIA soldier from Wisconsin.
*Submitted 30-page official military recommendations to DPAA describing
circumstances of his MIA status and future directions for the recovery of his remains*

2016 – 2017 **Undergraduate Research Scholar**
Communication Arts Dept., Undergraduate Research Scholars, Madison WI
Analysis of how gain/loss framing, risk-taking propensity, and deservingness
affects deception in a monetary allocation task.
*Consented participants; ran protocol; handled money; acted as confederate;
debriefed participants*

Teaching and Mentoring

2018 – 2019 **Undergraduate Research Fellow**
Undergraduate Research Scholars, UW-Madison, Madison, WI
Co-taught a weekly 1-hour seminar (Inter-LS 250: Undergraduate Research
Experience) for freshmen and sophomores in the URS Program.
*Developed 15-week curriculum: learning goals, readings, writing assignments,
classroom activities, and discussion questions*

2017 – 2018 **Academic Mentor; Lead Academic Mentor for Statistics**
Center for Academic Excellence, UW-Madison, Madison, WI
Supported the independent learning and growth of first-generation, low income,
or minority underrepresented students in weekly 1-on-1 or group sessions.
*Courses: Stat 371 (Intro Applied Stats for Life Sciences), Soc 360 (Statistics for
Sociologists), Psych 210 (Statistics for Psychologists)*

Presentations and Publications

- Phillips, M. D., **Jardas, E. L.**, Wiltse, K., & Santana, D. (2018). The Relationship between Social Media Advertisement of Sex Trafficking and the Intensity of Human Trafficking Worldwide. *International Journal*. Manuscript under review.
- **Jardas, E. L.** Using Social Media for Alcohol Use Disorder Classification: A Machine Learning Approach. (July 2018). *Welton Summer Honors Apprenticeship Retreat*. Spring Green, WI.
- **Jardas, E. L.** Finding Private Norbert: How Historical Research Aides the Recovery of Missing WWII Soldiers. (April 2018). *Undergraduate Research Symposium*, UW-Madison, Madison, WI.
- **Jardas, E. L.** ‘Super Booty Escorts Online’: The Relationship Between Social Media Advertisement of Sex Trafficking and the Intensity of Human Trafficking Worldwide. (September 2017). *Midwestern Criminal Justice Association Annual Conference*, Chicago, IL.
- **Jardas, E. L.** How Gaining or Losing Money Affects Deception and Money Allocation. (April 2017). *Undergraduate Research Symposium*, UW-Madison, Madison, WI.

Selected Honors and Awards

2019	APA Convention Undergraduate Travel Award (\$150)
2019	Ginsberg Family Award (\$2,000)
2019	Thomas W. Parker Humanities and Social Sciences Award (\$2,000)
2019	Arlene Davenport Award (\$1,000)
2018	Hilldale Undergraduate-Faculty Research Fellowship (\$4,000)
2018	SuccessWorks Summer Internship Scholarship (\$2,500)
2018	Welton Summer Honors Research Apprenticeship (\$2,500)
2017	Bryan’s Aspiring Psychology Student Award (\$2,500)
2017	NSF Research Experience for Undergraduates (\$5,500+)
2016	Franklin Public Schools Leadership Award (\$500)
2016	Wisconsin Alumni Association – Milwaukee Chapter Scholarship (\$3,000)