

E. Jaldas

10 Center Drive, Bethesda, MD 20892

Education

Sept. 2016 – May 2019

University of Wisconsin-Madison

Major: Psychology, B.S., Comprehensive Honors

Minor: Criminal Justice | GPA: 4.00 out of 4.00

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

Programming Languages

R; Python

Research Experience

Sept 2019 - present

National Institutes of Health

Intramural Research Training Award (IRTA)

Clinical Center | Department of Bioethics | Dr. Christine Grady & Dr. David Wendler

- First-authoring paper on the ethics of an algorithm to predict what medical treatment a patient without capacity would have chosen for herself (a “patient preference predictor”)
- Conducting an empirical literature review of studies predicting treatment-resistant depression for a manuscript on the ethical debate around physician-assisted suicide for psychiatric disorders
- Rotating on ethics consultation service to provide ethical analysis and recommendations for issues faced by NIH Intramural researchers, including topics such as whether it is ethically permissible to conduct SARS-CoV-2 vaccine trials in prisons
- Planning an elective with Dr. Elizabeth Ballard (*National Institute of Mental Health, Experimental Therapeutics and Pathophysiology Branch*) to shadow a protocol investigating biomarkers of response to ketamine among recent suicide attempters

Aug 2017 – May 2019

Koenigs Lab

University of Wisconsin-Madison | Department of Psychiatry | Dr. Michael Koenigs

- Led an independent honors thesis examining the differential effects of childhood trauma on psychopathic subtypes identified by model-based cluster analysis in female versus male offenders
- Interviewed incarcerated participants in medium-security prisons, including consenting, physical (MRI) and mental health (SCID) screening, and diagnostic assessments for psychopathy (PCL-R)

Sept 2016 – May 2019

University Health Services

University of Wisconsin-Madison | Alcohol and Drug Prevention Unit | Reonda Washington

- Designed and deployed student body survey to examine the effects of alcohol abstinence on connectedness, belonging, and flourishing (Non-Drinker Survey)
- Coded open-response questions investigating the effect of drinking and alcohol culture on the mental health and connectedness and belonging of students of color (The Color of Drinking Survey)
- Led analyses investigating associations among drinking rates and student demographics (e.g., involvement in financial need programs; GPAs; Greek life)

May 2018 - Aug 2018

Addiction Research Center

University of Wisconsin-Madison | Department of Psychology | Dr. John Curtin

- Assisted with project building machine-learning models to predict Alcohol Use Disorder (AUD) using social media by managing participants, including screening, consenting, and performing diagnostic assessments for AUD (TLFB, SCID Module E)
- Engaged in apprenticeship learning under Dr. John Curtin and Sarah Sant’Ana, including biweekly one-on-one meetings to discuss the ideology and philosophy of machine learning

May 2018 - Dec 2018 Sand Ridge Secure Treatment Center

Wisconsin Department of Health Services | Research Unit | Dr. Rachel Kahn

- Led analysis investigating factors contributing to patient satisfaction with treatment for civilly committed sexual offenders
- Initiated coding of scripts to automatically generate post-research-participation reports to share personal test results with participants
- Investigated the victim profiles of high-risk sexual offenders using police reports, court case documents, prison records, and treatment notes

May 2017 - Aug 2017 National Science Foundation Research Experience for Undergraduates (REU)

University of North Carolina-Charlotte | Department of Criminology | Dr. Matthew Phillips

- Led project and analysis investigating the association between the prevalence of commercial sex advertisements on Twitter and the severity of human trafficking in a country

Sept 2016 – May 2017 Van Swol Lab

University of Wisconsin-Madison | Department of Communication Arts | Dr. Lyn Van Swol

- Worked directly with research participants, including consenting and explaining study, facilitating computer tasks, acting as a confederate participant, and debriefing participants

Clinical Experience**Sept 2020 - present EveryMind Hotline Call Specialist-Trainee**

- Assess suicide risk, engage in collaborative safety-planning, and support callers on the National Suicide Prevention Lifeline through crisis
- Engage in supportive listening and problem-solving and connect callers with resources on the Montgomery County Crisis Hotline, Homeless Hotline, and Youth Hotline

Publications and Manuscripts Under Review

Strassle, C., **Jardas, E.**, Ochoa, J., Berkman, B. E., Danis, M., & Taylor, H. (2020). COVID-19 vaccine trials and incarcerated people: The ethics of inclusion. *The New England Journal of Medicine*.

Mintz, K., **Jardas, E.**, Shah, S., Grady, C., Danis, M., & Wendler, D. (2020). Enrolling minors in COVID-19 vaccine trials. *Pediatrics*.

Vincent, S., Kahn, R. Ambroziak, G., Smith, J., & **Jardas, E.** (Under review). Treatment satisfaction in a civil commitment facility for sexually violent persons.

Jardas, E., Wesley, R., Pavlick, M., Wendler, D., & Rid, A. (Revise and resubmit). Patients' priorities for surrogate decision-making: The possible influence of misinformed beliefs.

Presentations

Jardas, E., Rid, A., Wasserman, D., & Wendler, D. You don't know what I want... or do you?: The ethics of using big data to predict the treatment preferences of incapacitated patients. (October 2020). *American Society for Bioethics and Humanities Conference*. Baltimore, MD.

Jardas, E., & Rid, A. Treatment decision-making during periods of decisional incapacity: How do patients' beliefs about families and doctors influence their goals? (August 2020). *American Psychological Association Conference*. Washington, D.C.

Jardas, E. Ethics by design: Towards an ethics of machine learning. (July 2020). Invited to speak at the *National Institutes of Health Data Science for Science Teachers Bootcamp*. Bethesda, MD.

Jardas, E., Dargis, M., & Koenigs, M. Clarifying the relationship between psychopathic subtypes, gender, and the experience of childhood trauma among criminal offenders. (April 2019). *Department of Psychology Student Thesis and Research Symposium*. Madison, WI.

Jardas, E., Sant'ana, S., & Curtin, J. Using social media for alcohol use disorder classification: A machine learning approach. (July 2018). *Welton Summer Honors Apprenticeship Retreat*. Spring Green, WI.

Jardas, E. Finding Private Norbert: How historical research aides the recovery of missing WWII soldiers. (April 2018). *Undergraduate Research Symposium*, Madison, WI.

Jardas, E., & Phillips, M. ‘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., Paik, E., & Van Swol, L. How gaining or losing money affects deception and money allocation. (April 2017). *Undergraduate Research Symposium*, Madison, WI.

Honors and Awards

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| 2019 | Dept of Psychology Arlene Davenport Award (\$1,000)
Awarded to 1-2 top undergraduate psychology applicants with demonstrated career interest in psychological research. |
| 2019 | Dept of Psychology Outstanding Undergraduate Research Scholar Award (\$1,000)
Nominated by Dr. John Curtin for work in the Addiction Research Center. |
| 2019 | Ginsberg Family Award for Leadership, Service, and Scholarship (\$1,000)
Nominated by Reonda Washington. Awarded to UW-Madison students who have made outstanding leadership and service contributions to the University or the surrounding communities while maintaining a record of academic excellence. |
| 2019 | APA Convention Division 28 Undergraduate Travel Award (\$150)
Awarded to 3 undergraduate psychology applicants with demonstrated interest in substance use research. |
| 2019 | Thomas W. Parker Humanities and Social Sciences Award (\$2,000)
Awarded to College of Letters & Science applicants based on academic excellence, community service, leadership, diversity, strength of character, and/or creative accomplishment. |
| 2018 | Hilldale Undergraduate-Faculty Research Fellowship (\$4,000)
Awarded to 100 students at UW-Madison based on significance, independence, and merit of a research proposal for an honors thesis. |
| 2018 | SuccessWorks Summer Internship Scholarship (\$2,500)
Awarded to College of Letters & Science applicants completing an internship with financial need and demonstrated quality of internship experience. |
| 2018 | Welton Summer Honors Research Apprenticeship (\$2,500)
Awarded to College of Letters & Science Honors Program applicants with proposed research mentor and academic merit. |
| 2018 | William F. Vilas Merit Scholarship (\$400)
Awarded to highest academic-achieving undergraduate students at UW-Madison. |
| 2017 | Dept of Psychology Bryan's Aspiring Psychology Student Award (\$2,500)
Awarded to undergraduate students who declared the psychology major with the highest GPAs. |
| 2017 | National Science Foundation Research Experience for Undergraduates (NSF REU) (\$5,500+)
Awarded to 10 applicants with demonstrated interest in graduate degrees or careers in Criminal Justice, Crime Analytics, and Data Science and dedication to research. |
| 2016 | Wisconsin Alumni Association – Milwaukee Chapter Scholarship (\$3,000)
Awarded to incoming University of Wisconsin-Madison students graduating from Milwaukee County and Ozaukee County High schools based on financial need, high school grades, extracurricular activities, and general social adjustment as assessed by paper application and semi-finalist interviews. |
| 2016 | Franklin Public Schools Leadership Award (\$500)
Awarded to 2 of 1,000 students at Franklin High School for outstanding academic achievement and leadership. |

Teaching Experience

- Aug 2018 – May 2019 Undergraduate Research Fellow**
University of Wisconsin-Madison | Undergraduate Research Scholars Program
- Co-taught 15-week curriculum for class on interdisciplinary critical thinking and the impact of research and creative work in the world (Inter-LS 250)
 - Developed learning goals, readings, writing assignments, classroom activities, and discussion questions for weekly 1-hour seminars
- Jan 2017 – May 2018 Academic Mentor; Lead Academic Mentor for Statistics**
University of Wisconsin-Madison | Center for Academic Excellence
- Supported the independent learning and growth mindset of first-generation, low-income, or minority underrepresented students in weekly 1-on-1 (mentor) or group (lead mentor) sessions
 - Courses: Stat 371 (Intro Applied Stats for Life Sciences), Soc 360 (Statistics for Sociologists), Psych 210 (Statistics for Psychologists)

References

Christine Grady, RN, PhD
Chief, Senior Investigator
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