

SAM BARANS

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EDUCATION

Drexel University, College of Arts & Sciences and Thomas R. Kline School of Law | Philadelphia, PA
Juris Doctorate, Criminal Law and Doctor of Philosophy, Clinical Psychology **2024 - 2031**

Michigan State University (MSU), College of Natural Science and Honors College | East Lansing, MI
Bachelor of Arts, Mathematics and Bachelor of Science, Psychology | GPA: 3.99/4.0 **2020 - 2024**

Minors: Social Science Quantitative Data Analytics

Awards: MSU Outstanding Research Award – 2024, MSU College of Social Sciences Undergraduate Research Award – 2022, MSU Honors College Service Award – 2024, Dr. Paul and Wilma Dressel Endowed Scholarship – 2024 (academic achievement in math), Dr. Marshall and Barbara Hestenes Endowed Scholarship – 2023 (academic achievement in math), MATHCOUNTS Alumni Scholarship Semi-Finalist - 2022, MSU Honors Students Actively Recruiting Award of Excellence - 2023

Scholarships: Alumni Distinguished Scholar -- full ride to MSU offered to the top 15 honors college applicants on the basis of performance on a scholarship test and subsequent interview

RESEARCH EXPERIENCES

Research Intern at the University of New Mexico (UNM) - School of Medicine **May 2022 – April 2024**

- Researched trauma, pathways to care, and barriers to care for youth and adolescents with early psychosis
- Ran a chart review to collect in-depth medical information by reading every outpatient note of over 50 subjects
- Sat in on case discussions for patients at psychosis with clinicians, police officers, and peer support workers
- Developed and carried out an analysis plan for an raw dataset of N = 2,000
- Returned to serve as a peer mentor to new summer interns
- Promoted UNM's summer research program at 2 international conferences

MSU Personality & Well-Being Lab **September 2020 – August 2024**

- Lead 1 research project and co-managed 2 (writing manuscripts for 2)
- Qualitatively coded for 4 different research projects
- Responsible for teaching new undergraduate lab members qualitative coding procedures
- Managed a team of 4 undergraduates on an independent research project

Community Mental Health Journal **May 2024 - Present**

- Graduate student reviewer
- Provided feedback for 2 papers

CLINICAL/SERVICE EXPERIENCES

MSU Adolescent Diversion Program Advocate/Mentor **August 2023 – April 2024**

- Served as a support system and built rapport with youth, focusing on issues that were important to them
- Trained to take a strengths-based, trauma-informed approach to working with youth as based upon the model of Positive Youth Development
- Educated to understand how the juvenile justice system works and how it impacts the youth involved in it
- Maintained a thorough line of communication with my youth's juvenile court officer and my supervisor
- Listened to and supported my youth to identify SMART goals to focus on during our time together
- Met with my youth and/or their family 2+ times each week for a total of 8-12 hours
- Kept a logbook detailing my meetings with my youth that highlighted the 6 C's of Positive Youth Development in my youth's life

Clinical Shadowing at the UNM Department of Psychiatry

May 2023 - August 2023

- Joined a walking group for 2 hours weekly made up of young adults being treated for psychosis or clinical high-risk for psychosis as supervised by 1-2 clinicians
- Trained to interact with young adults at clinical high-risk for psychosis or experiencing first episode psychosis
- Learned how to listen to individuals' life stories, experiences with psychosis, and daily struggles

Intern for Karen Brownlee for State Representative

May 2024 – August 2024

- Canvassed majority Republican neighborhoods throughout District 28 of Ohio and attended community events
- Learned how the Ohio Democratic Party uses the minivan app and microtargeting with Dem scores
- Used Tableau to create a map for Hamilton County Democratic Party (HCDP) candidates of voting trends throughout all precincts in Hamilton County (Cincinnati, OH) under guidance from the Executive Director of the HCDP

PUBLICATIONS

Publications:

1. **Barans, S.**, Friedman, B., Lardier, D. T., Saavedra, J. L., Bustillo, J. R., Halperin, D., Lenroot, R. K., Tohen, M., Winger, S., & Crisanti, A. S. (2023). Trauma exposure and disclosure in Hispanic youth at clinical high risk for psychosis: A retrospective review study. *Early Intervention in Psychiatry*, 1– 5. <https://doi-org.proxy1.cl.msu.edu/10.1111/eip.13430>

Publications Under Review/In-Progress:

1. **Barans, S.**, Friedman, B., Lardier, D. T., Saavedra, J. L., Bustillo, J. R., Halperin, D., Lenroot, R. K., Tohen, M., Winger, S., & Crisanti, A. S. Early Psychosis Detection at a College Counseling Center: Delving into the Cascade of Care. *Major Revision Submitted To: Community Mental Health Journal*.
2. **Barans, S.**, Denehy, M., Harkenrider, A. Rakhshani, A., Alabdullah, A., Donnellan, M. B., & Lucas, R. E. Analyzing the Measurement of Awe. *Target Journal: Collabra Psychology*.
3. Dark, N., **Barans, S.**, Saavedra, J. L., Crisanti, A. S. Identifying Pathways to Care Among College Students with Early Psychosis. *Target Journal: Early Intervention in Psychiatry*.
4. Warkentien, J., Weidmann, R., Rakhshani, A., **Barans, S.**, Harkenrider, A., Donnellan, M. B., & Lucas, R. E. Partial Replication of Winkielman et al. (1998): Looking Back at Anger: Reference Periods Change the Interpretation of Emotion Frequency Questions. *Target Journal: PLOS ONE*.

PRESENTATIONS

1. **Barans, S.**, Friedman, B., Lardier, D. Saavedra, J., Crisanti, S. Trauma Exposure and Disclosure in Hispanic Youth at Clinical High Risk for Psychosis: A Retrospective Review Study. National Diversity in STEM; October, 2022; San Juan, Puerto Rico.
2. **Barans, S.**, Jaffe, S. A., Rodman, J., McCarthy, M., Lynch, P. A., Kano, M., Sheche, J. N., Mishra, S. I. The Impact of Cancer Research Experiences in Population Science on Student Career Plans and Higher Education. International Cancer Education Conference; October, 2023; Toronto, Canada.
3. **Barans, S.**, Denehy, M., Rakhshani, A., Alabdullah, A., Donnellan, M. B., Lucas, R. E. Analyzing the Measurement of Awe. MSU UURAF; April, 2024; East Lansing, MI. <https://symposium.foragerone.com/uuraf2023/presentations/54999>
4. Dark, N., **Barans, S.**, Saavedra, J. L., Crisanti, A. S. Identifying Pathways to Care Among College Students with Early Psychosis. New Mexico Medical Society Annual Meeting; October, 2023; Albuquerque, NM.

5. Sneha, C., **Barans, S.**, Yang, H. Rethinking How to Measure Mood using the Day Reconstruction Method. MSU UURAF; April, 2024; East Lansing, MI.
<https://symposium.foragerone.com/uuraf2023/presentations/54998>
6. Warkentien, J., **Barans, S.**, Harkenrider, A., Weber, E. Do Reference Periods Change Interpretation of Emotion Frequency Questions? MSU UURAF; April, 2022; East Lansing, MI.
<https://symposium.foragerone.com/uuraf2022/presentations/41045>
7. Denehy, M., **Barans, S.**, Harkenrider, A., Rakhshani, A., Alabdullah, A., Donnellan, M. B., Lucas, R. E. Analyzing the Measurement of Awe. MSU UURAF; April, 2022; East Lansing, MI.
<https://symposium.foragerone.com/uuraf2022/presentations/40248>
8. McCarthy, M., Jaffe, S. A., Rodman, J., **Barans, S.**, Lynch, P. A., Kano, M., Sheche, J. N., Mishra, S. I. C-STEPS sees steps to success: a summary of undergraduate student-mentor relationships through a summer research program. National Diversity in STEM; October, 2023; Portland, OR.

TEACHING EXPERIENCES

Mathematics Undergraduate Learning Assistant

August 2022 – April 2024

- Tutored 100s of students at all levels of college math, held review lectures, and graded exams and quizzes
- Learned how to develop a captivating lesson while incorporating student feedback
- Learned how to serve as a resource for students and connect them with necessary supports
- Taught Pre-Calculus (MTH-116) recitation lectures for 40 students twice weekly (Fall 2022)
- Served as an in-class aid for a College Algebra (MTH-103B) lecture of 75 students (Spring 2023)
- Taught 2 Calculus I (MTH 132) recitation lectures of 32 students each (Fall 2023 & Spring 2024)

Psychology Undergraduate Learning Assistant

September 2021 - December 2021

- Tutored 150+ students in introductory psychology, held review lectures, graded papers, and designed content for learning assistance

Mathnasium Instructor

December 2017 - August 2021

- Tutored 15-60 students daily online or in person
- Worked with a team to ensure students bridge gaps in knowledge and stay focused

Skills: Data-Analytics (Principal Component Analysis, Factor Analysis, Structural Equation Modeling, and Regression), Python (intermediate), SPSS (intermediate), R (intermediate), LaTeX (intermediate), Spanish (conversational), Public Speaking, and Support Group Facilitation