

Jeff Brozena

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Education

- 2021– Ph.D. Informatics, The Pennsylvania State University
 University Park, PA
 Technical HCI for mental health
 Advised by Dr. Saeed Abdullah
- 2019 B.Sc. Information Sciences and Technology, The Pennsylvania State University
 University Park, PA
 Minor: Science, Technology, and Society Studies (STS)

Professional experience

- 2019–21 Research Assistant, Wellbeing and Health Innovation Lab
- 2011–18 Director of Operations, Smiles 4 Keeps Pediatric Dentistry

Publications

- 2022 Blair, J., **Brozena, J.**, Matthews, M., Richardson, T. & Abdullah, S. Financial technologies (FinTech) for mental health: The potential of objective financial data to better understand the relationships between financial behavior and mental health. *Front. Psychiatry* 13:810057. <https://doi.org/10.3389/fpsy.2022.810057>.

Research projects

Fintech for mental health

- Deployed factorial vignette survey to assess feasibility, acceptance, and privacy preferences regarding financial information sharing for individuals with bipolar disorder
- Prototyping applications for data collection and analysis using open banking APIs

Impact of pandemic telehealth usage on mental health outcomes

- Retrospective longitudinal study of health outcomes before, during, and after mandated telehealth usage during COVID-19
- Ongoing collaboration with a regional high-volume mental health clinic

Teaching

- 2022 Teaching assistant, Methods for Studying Users (HCDD 364w).
- 2022 Teaching assistant, Mobile Application Design and Development (HCDD 340).
- 2021 Teaching assistant, Application Development Design Studio (IST 261).

Awards and scholarships

- 2023 NSF Graduate Research Fellowship
- 2011 Rock Ethics Award, Pennsylvania State University