

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

Director of Operations, Smiles 4 Keeps Pediatric Dentistry: <https://www.smiles4keeps.com>

- 2011–2017 Performed an end-to-end digital transformation at one of the country's largest privately-held multi-site Medicaid pediatric dental groups while it continued to serve **over 40,000 children annually**. Digitized all clinical and financial systems, trained 100+ staff on the redesigned environment, and rendered the business legible to third parties during due diligence phases. My work afforded Smiles 4 Keeps an accurate third-party valuation and **resulted in the sale of the business**. Additionally, I was invited to present to 5,000 pediatric dentists at the American Academy of Pediatric Dentistry conference on the subjects of digitization and compliant record-keeping.

Publications

Conference Papers

- 2024 **Jeff Brozena**, Johnna Blair, Thomas Richardson, Mark Matthews, Dahlia Mukherjee, Erika F. H. Saunders, and Saeed Abdullah. 2024. Supportive Fintech for Individuals with Bipolar Disorder: Financial Data Sharing Preferences to Support Longitudinal Care Management. In *Proceedings of the CHI Conference on Human Factors in Computing Systems (CHI '24)*, May 11–16, 2024, Honolulu, HI, USA. ACM, New York, NY, USA. <https://doi.org/10.1145/3613904.3642645>.

Journal Articles

- 2025 Emma Morton, Elsy Willis, **Jeff Brozena**, Andrew Kcomt, and Erin E. Michalak. 2025. The Type, Impacts, and Experiences of Peer Support for People Living With Bipolar Disorder: A Scoping Review. *Bipolar Disorders*. <https://doi.org/10.1111/bdi.70006>.
- 2022 Johnna Blair, **Jeff Brozena**, Mark Matthews, Thomas Richardson & Saeed Abdullah. 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/fpsyt.2022.810057>.

Awards and scholarships

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

Professional Affiliations

2023	Association for Computing Machinery
2023	CrestBD Network Member
2022	Society for Digital Mental Health

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).