Tae Jones

ORCID: 0009-0003-1742-5662

Seattle, WA | 206.486.5139 | taejones@cs.washington.edu | http://www.linkedin.com/in/tae-jones | https://tae-research.com/

SUMMARY

- UX and Health HCI researcher completing a PhD focused on user-centered, evidence-based digital health solutions for mental health and behavior change.
- Experienced in qualitative and mixed-methods research, usability testing, and turning insights into actionable design strategies.
- Passionate about creating digital tools that empower users to improve well-being and support personalized healthcare experiences

EDUCATION

University Of Washington | Seattle, WA | 2026
Ph.D. Computer Science & Engineering - GPA 3.77
M.S. Computer Science & Engineering | 2024
GPA 3.81

Kennesaw State University | Kennesaw, GA | 2021
M.S. Healthcare Management & Informatics - GPA 4.0
B.B.A. Information Systems | 2015
Minor: Applied Statistics - GPA 3.49

PUBLICATIONS

- Beverly B Green, Laurel D Hansell, Clarissa W Hsu, Tae Jones, Casey Luce, James D Ralston, Sean A Munson, Bryan Davis, Tiana Wright, Melissa L Anderson, Evaluation of an Email Blood Pressure Measurement Outreach Program, American Journal of Hypertension, 2025;, hpaf206, https://doi.org/10.1093/ajh/hpaf206

- Tae E. Jones, James Fogarty, and Sean A. Munson. 2025. Examining Researcher Experiences and Tensions Around Participant Engagement in Health HCI Research. In Proceedings of the Extended Abstracts of the CHI Conference on Human Factors in Computing Systems (CHI EA '25). Association for Computing Machinery, New York, NY, USA, Article 231, 1–6. https://doi.org/10.1145/3706599.3719874
    - 2025 Association for Computing Machinery's Conference on Human Factors in Computing Systems Late Break Work

- Anant Mittal, Tae Jones, Ravi Karkar, Jina Suh, Spencer Williams, Yihao Zheng, Lydia M. Andris, Nicole Bates, Amy M. Bauer, Ty W. Lostuter Ph.D., Jesse R. Fann MD MPH, James Fogarty, and Gary Hsieh. 2025. SCOPE: Examining Technology-Enhanced Collaborative Care Management of Depression in the Cancer Setting. Proc. ACM Hum.-Comput. Interact. 9, 2, Article CSCW162 (May 2025), 33 pages. https://doi.org/10.1145/3711060

- Yasaman S. Sefidgar, Carla L. Castillo, Shaan Chopra, Liwei Jiang, Tae Jones, Anant Mittal, Hyeyoung Ryu, Jessica Schroeder, Allison Cole, Natalia Murinova, Sean A. Munson, and James Fogarty. 2024. MigraineTracker: Examining Patient Experiences with Goal-Directed Self-Tracking for a Chronic Health Condition. In Proceedings of the 2024 CHI Conference on Human Factors in Computing Systems (CHI '24). Association for Computing Machinery, New York, NY, USA, Article 129, 1–19. https://doi.org/10.1145/3613904.3642075
    - Awarded best paper at the 2024 Association for Computing Machinery's Conference on Human Factors in Computing Systems

- Jones, T., Randolph, A.B., Sneha, S. 2021. Examining the Impact of Social Video Game Tournaments on Gamers' Mental Well-Being. In: Davis, F.D., Riedl, R., vom Brocke, J., Léger, PM., Randolph, A.B., Müller-Putz, G. (eds) Information Systems and Neuroscience. NeuroIS

2021. Lecture Notes in Information Systems and Organisation, vol 52. Springer, Cham. https://doi.org/10.1007/978-3-030-88900-5_20

- Jones, T., Randolph, A.B., Cortes, K., Terrell, C. 2020. Using NeuroIS Tools to Understand How Individual Characteristics Relate to Cognitive Behaviors of Students. In: Davis, F.D., Riedl, R., vom Brocke, J., Léger, PM., Randolph, A.B., Fischer, T. (eds) Information Systems and Neuroscience. NeuroIS 2020. Lecture Notes in Information Systems and Organisation, vol 43. Springer, Cham. https://doi.org/10.1007/978-3-030-60073-0_20

POSTERS AND WORKSHOP PRESENTATIONS

- Fann JR, Lostutter T, Bates N, Andris L, Zheng Y, Rhew IC, Bauer A, Bennett I, Martin D, Canonizado J, Palacio C, Nomura N, Ahn R, Stewart N, Bollini N, Jones T, Mittal A, Hsieh G, Fogarty J, Irwin B. Using technology to optimize collaborative care management of depression in the cancer setting: the SCOPE study. Annual Meeting of the American Psychosocial Oncology Society, March 2026, New Orleans, LA

- Jones, T., Mittal, A., Suh, J., Karkar, R., Andris, L., Zheng, Y., Bauer, A., Lostutter, T., Fann, J., Fogarty, J., Hsieh, G. 2023. UW SCOPE: Examining Technology-Enhanced Collaborative Care Management of Depression in the Cancer Setting. 2023 CHI Conference on Human Factors in Computing Systems (CHI '23) Workshop on Bridging HCI and Implementation Science

- Jones, T. 2022. SCOPE: A Pragmatic Study Examining Technology-Enhanced Collaborative Psychosocial Care In The Cancer Setting. e Society for Digital Mental Health's Inaugural Virtual Conference

SCHOLARSHIPS & FELLOWSHIPS

TL1 Trainee, Institute of Translational Health Sciences (ITHS) | Seattle, WA
July 2023 – Jun 2024
Participated in the ITHS TL1 Translational Research Training Program, a one-year mentored initiative for predoctoral students. It provided training, career development, and Team Science skills through mentorship and collaboration, equipping the participant to become an impactful translational researcher.

ARCS Foundation Scholar, Achievement Rewards for College Scientists (ARCS) Foundation | Seattle, WA
July 2023 – Jun 2024
ARCS Light in Honor of Carmen Gayton

College of Engineering Dean's Fellowship, University of Washington | Seattle, WA
Sep 2021 – May 2022
Richard Ladner & Paul G. Allen Diamond Fellowship for Graduate Student Support

PROFESSIONAL EXPERIENCE

Graduate Researcher, University of Washington | Seattle, WA
May 2021- Current

Health HCI & Digital Health Projects:
University of Washington / Fred Hutchinson Cancer Center / Kaiser Permanente Washington / UW School of Nursing
- Designed, developed, and evaluated digital health platforms using human-centered design principles, including the UW Scope platform for collaborative care in cancer and depression.

- Led qualitative and mixed-methods research, conducting design and usability interviews with patients, clinicians, and stakeholders to inform platform improvements and enhance patient engagement.
- Conducted research for a personalized migraine self-tracking app, integrating user insights to support behavioral change, improve adherence, and align data collection with patient and provider goals.
- Evaluated a home blood pressure monitoring program, applying data analysis and usability testing to optimize implementation and patient experience.
- Analyzed patient feedback for a self-management intervention for IBS and depression, facilitating co-design sessions to improve intervention design, personalization, and usability.
- Translated research findings into evidence-based, user-centered solutions that enhance digital health experiences, accessibility, and care outcomes.

TL1 Trainee, Institute of Translational Health Sciences (ITHS) | Seattle, WA
Jun 2023 – May 2024
- Completed the ITHS TL1 Translational Research Training Program, gaining mentorship, Team Science skills, and interdisciplinary research experience to support high-impact translational research projects.

CS Research Mentorship, Google | Seattle, WA
Sep 2022 – Dec 2022
- Google CS Research Mentorship Program

Graduate Research Assistant, BrainLab at Kennesaw State University | Kennesaw, GA
Sep 2019 – Jul 2021
- Managed a research data library at BrainLab, creating a structured framework for efficient data entry, retrieval, and accessibility.
- Conducted data cleaning, statistical analysis, and visualization, delivering actionable insights for multiple studies.
- Presented complex experimental results to researchers, stakeholders, and peers, translating findings into clear, strategic recommendations.
- Leveraged EEG and Tobii eye-tracking to analyze consumer cognitive and visual responses, informing user engagement and brand perception.

Data Analyst, JDC Group contracted to The Coca-Cola Company | Atlanta, GA
Sep 2018 – Mar 2020
- Defined and implemented client-specific data standards, ensuring consistency, accuracy, and compliance across multiple projects.
- Developed and executed SQL scripts to clean, consolidate, and optimize datasets, significantly improving data quality and accessibility for stakeholders.
- Utilized SAP HANA and S/4 HANA platforms to enhance data processing, management, and reporting capabilities, supporting efficient decision-making.

PROFESSIONAL SERVICE

- **Reviewer**, *ACM CHI Conference on Human Factors in Computing Systems*
- **Student Volunteer**, *ACM CHI Conference on Human Factors in Computing Systems*
- **Treasurer**, *UW CSE Student Snack Room* – Managed budgeting and supplies to maintain a student-led community space.
- **Event Organizer**, *Annual End-of-Year Gala* – Coordinated logistics, programming, and community engagement for the department's largest social event.
- **Graduate Mentor** – Mentored groups of 3–4 incoming first-year Ph.D. students, providing academic, professional, and personal guidance during their program transition. Met monthly with

the group and stayed in contact after the year.
- **Community Organizer** – Planned and hosted multiple *TGIF gatherings* and community-building events for students and lab members.
- **Panelist**, *Information Workshops for Prospective Students* – Shared insights on the Ph.D. experience, admissions, and research opportunities.
- **Recruitment Support** – Held one-on-one meetings throughout the year and led lab tours for prospective and incoming students during recruitment and orientation events.
- **Orientation Organizer** – Coordinated a two-day orientation program for first-year Ph.D. students, including peer mentoring and resource sessions.
- **Teaching Assistant**, *Undergraduate Research Sequence* – Supported a year-long research methods course series for undergraduate students interested in research careers.
- **Event Co-Organizer**, *Black Graduate Student Association (BGSA)* – Helped host a visiting speaker event to promote diversity and community engagement in graduate education.

REFERENCES

James Fogarty - jfogarty@cs.washington.edu
Sean Munson - smunson@uw.edu