Tiffany Knearem

Qualitative User Experience Researcher

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EDUCATION

Pennsylvania State PhD Candidate 2017 - 2021 (anticipated)

University Supervised by Dr. John M. Carroll

Degree: Informatics (Human-Computer Interaction) College of Information

Sciences and Technology Dissertation: Understanding & Enabling Community Innovation

University of Kansas B.A. in Psychology 2008

College of Liberal Arts B.A. in East Asian Languages & Cultures 2008

Obirin University Study abroad program (Japanese language); Tokyo, Japan 2005 - 2006

AWARDS

IST Award for Excellence in Teaching Support (\$500) Rednor IST Scholarship (\$5,000) IST Travel Awards (\$3.000) CRA-W Grad Cohort 2018, 2020 Phi Beta Kappa Women's Leadership Recognition Honoree

RESEARCH EXPERIENCE

Pennsylvania State Research Assistant, College of IST University

Positive Aging - Well-being & coproduction studies [Papers 1, 2, 5, 7, 9]

- Interview & observations with older adults on their collaborative, creative practices
- Focus groups and collaborative prototyping

Dr. John M. Carroll Dr. Mary Beth Rosson

Collaboration and

Innovation Lab

Community-based Care - Creativity & community studies [Papers 3, 6, 10, 11]

- User studies (interview & observation) on maker community's sharing and learning
- Mutual aid during Covid-19: content analysis of online groups for pandemic support

Community Engagement - *Mobile engagement studies* [Papers 4, 8]

- Deployed a mobile app & a web app at a festival to evoke community engagement
- Conducted remote and in-person interviews to understand user experience

University of Kansas

Undergraduate Research Assistant, Department of Psychology Hamilton Health Lab Sleep and Well-being Study Investigated the role of sleep on psychological well-being in human subjects study

2006 - 2007

2017 - PRESENT

Analyzed quantitative survey data with SPSS

Dr. Nancy Hamilton

WORK EXPERIENCE

User Experience Research Intern Google

MAY-AUG 2021

Seattle, WA AIUX. Exploring how AI improves hardware and how hardware improves AI

Penn State University University Park, PA

Graduate Teaching Fellow

JAN-MAY 2021

IST 402 Community Informatics; undergraduate junior/senior course (30 students). Previously, teaching assistant (TA) for undergraduate and graduate level courses

Facebook

Menlo Park, CA

University Park, PA

User Experience Researcher Intern

JUN-AUG 2020

Ads and Business Platform. Conducted end-to-end foundational interview and contextual inquiry study to understand user behaviors for new consumer product

Google

Developer Student Club (DSC) Lead

2018 - 2020

Inaugurated DSC at Penn State; assembled core leadership team, hosted events

Vrenergy Berkeley, CA **Operations Project Manager** GSV Labs 2016 Accellerator Batch 2016 - 2017

Led user research in early stage start-up environment for B2C product. Methods included interview, surveys, personas, competitive analysis, and prototyping

Coursera

Community Operations Associate

2015 - 2016

Mountain View, CA

 Advocated for high quality user experience to product team; distilled user input into design recommendations to drive product change for 16+ million global learners

Google via Vaco Mountain View, CA

Project Specialist

2014 - 2015

Full-cycle project management for two product launches, including requirements gathering, analyst training, process documentation; multi-stakeholder collaboration

Japan Exchange & Teaching Program Yamanashi, JP

Instructor, English as Foreign Language

2011 - 2012

- Instructed 600+ students in English language,18 classes per week, ran student club
- Cultural ambassador to small community in rural Japan

SKILLS

Prototyping / Analysis Methods Figma, Sketch, InDesign, Atlas.Tl, SPSS, Excel, qualitative thematic analysis

Qualitative: Interview, observation, contextual inquiry, usability, diary study, focus group

Quantitative: Survey, user testing, A/B testing

UX: Heuristic evaluation, scenarios, personas, storyboarding

Project Management Programming Languages Languages Agile software development, SCRUM, JIRA, ZenDesk, Asana, Slack

HTML, CSS, novice Python

Intermediate Japanese, elementary Spanish

ACADEMIC SERVICE

University Organizations
Invited Seminars
ACM Paper Reviewer
Student Volunteering
Other Service

Graduate and Professional Students Association, IST Delegate (2018-2019)

Designing a Great User Experience @ HackPSU 2019

CHI; CSCW; C&C; DIS; NORDICHI

CSCW 2020 SV Co-Chair, CSCW 2019, 2018; iConference 2019; C&C/DIS 2019 Session Chair CSCW 2019; PC GROUP 2019, HackPSU Judge (2018 - present)

SELECTED PUBLICATIONS

2021 [11] **Knearem, T.**, Jo, J., Carroll, J.M. Care-mongering to Increase Community Collective Efficacy and Resilience Amid the COVID-19 Pandemic. (Manuscript under review, 6/2021)

- [10] **Knearem, T.**, Jo, J., Tsai, C.H., Carroll, J.M. Making Space for Support: An Exploratory Analysis of Pandemic-Response Mutual Aid Platforms. In *Communities and Technology '21*
- [9] **Knearem, T.**, Wang, X., Carroll, J.M. Constructing Well-being Together: Older Adults Engagement in Coproduction Through Volunteering. In *Communities and Technology '21*
- [8] Knearem, T., Jo, J., Wang, X., Carroll, J.M. Seek, Engage and Reflect: A Mobile Scavenger Hunt to Develop Community Engagement. In *Communities and Technology '21*
- **2020** [7] **Knearem, T.**, Wang, X., Carroll, J.M. Sustaining Engagement in Volunteer Activities for Older Adults. In *Proc. ACM CSCW EA* '20
- **2019** [6] **Knearem, T.**, Wang, X., Wan, J., Carroll, J.M. Crafting in a Community of Practice: Resource Sharing as Key in Supporting Creativity. In *Proc. ACM C&C '19*.
 - [5] Wang, X., **Knearem, T.**, Carroll, J.M. Never Stop Creating: A Preliminary Inquiry into Older Adult's Everyday Innovations. In *Proc. PervasiveHealth '19*.
 - [4] Wang, X., **Knearem, T.**, Yoon, H.J., Jo, H., Lee, J., Seo, J., Carroll, J.M. Engaging the Community Through Places: A User Study of People's Festival Stories. *In Proc. iConference '19.*
 - [3] **Knearem, T.**, Wang, X., Carroll, J.M. How Professionals Support Amateurs' Creativity Within the Brewing Community. In *Proc. ACM CSCW EA'19*
- 2018 [2] Wang, X., Knearem, T., Gui, F., Gupta, S., Zhu, H., Williams, M., & Carroll, J. M. The Safety Net of Aging in Place: Understanding How Older Adults Construct, Develop, and Maintain Their Social Circles. In *Proc. PervasiveHealth '18*.
 - [1] Wang, X., **Knearem, T.**, Carroll, J.M. Learning Flows: Understanding How Older Adults Adopt and Use Mobile Technology. In *Proc. PervasiveHealth EA'18*.