

JASMINE JONES

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SUMMARY

I am a researcher studying pervasive computing environments and how they co-evolve with diverse communities. My research domains are collective memory, accessibility, and health and wellness.

Keywords: Pervasive and Ubiquitous computing, assistive technology, health informatics, ICTD

EDUCATION

- **University of Michigan - School of Information**, Ann Arbor, Michigan
 - PhD in Information Science, expected August 2017
- **University of Maryland, Baltimore County (UMBC)**, Baltimore, Maryland
 - Bachelor of Science in Computer Science, 2012
 - Bachelor of Arts in Interdisciplinary Studies, 2012
- **University of Melbourne**, Melbourne, Victoria, Australia
 - Study Abroad, Human Computer Interaction, Feb – June 2010

PUBLICATIONS

Peer-Reviewed Conference Papers

[C.7] Jones, J., Merritt, D., Ackerman, M. S. 2017. “Kidkeeper: Design for capturing audio mementos of everyday life for parents of young children”, In Proceedings of the 2017 CSCW Conference on Computer Supported Cooperative Work (to appear). ACM Press: New York.

[C.6] Merritt, D., Jones, J., Ackerman, M. S., Lasecki, W. 2017. “Kurator: Using the Crowd to Help Families with Personal Curation Tasks.” In Proceedings of the 2017 CSCW Conference on Computer Supported Cooperative Work (to appear). ACM Press: New York.

[C.5] Jones, J., Ackerman, M. S. 2016. “Curating an Infinite Basement: Understanding How People Manage Collections of Sentimental Artifacts” In Proceeding of 2016 Conference on Supporting Group Work (GROUP’16). ACM Press: New York.

[C.4] Pal, J., Chandra, P., O’Neill, T., Youngman, M., Jones, J., Song, J.H., Strayer, W. and Ferrari, L. An Accessibility Infrastructure for the Global South. In Proceedings of the 2016 Conference on Information and Communication Technologies and Development (ICTD’16). ACM Press: New York.

[C.3] Jones, J., Pal, J. “Counteracting dampeners: understanding technology - amplified capabilities of people with disabilities in Sierra Leone.” In Proceedings of International Conference on Information and Communication Technologies and Development (ICTD 2015).

[C.2] Kaziunas, L., Buyuktur, A., Jones, J., Choi, S., Hanauer, D., Ackerman, M.S. 2015. “Transition and Reflection in the Use of Health Information: The Case of Pediatric Bone Marrow Transplant Caregivers” In Proceedings of ACM Conference on Computer Supported Cooperative Work, (CSCW 2015).

[C.1] Oehlberg, L., Simm, K., Jones, J., Agogino, A., Hartman, B. 2012. Showing is sharing: building shared understanding in human-centered design teams with Dazzle. Proceedings of the Conference on Designing Interactive Systems (DIS’12).

Peer-Reviewed Posters and Short Conference Papers

[P. 4] Brewer, R., and Jones, J. "Pinterese: Exploring Reminiscence as an Incentive to Digital Reciprocity for Older Adults." In Proceedings of ACM Conference Companion on Computer Supported Cooperative Work & Social Computing (CSCW'15 Companion).

[P. 3] Chandra, P. and Jones, J. "Assistive Technology and Autonomy in a Cyborg World." In Proceedings of Information Technologies and Development, (ICTD 2015).

[P. 2] Oehlberg, L., Jones, J., Agogino, A., and Hartmann, B.. "Dazzle: supporting framing in co-located design teams through remote collaboration tool." In Proceedings of the ACM 2012 conference on Computer Supported Cooperative Work Companion (CSCW '12).

[P. 1] Jones, J., Hall, S., Gentis, M., Reynolds, C., Gadwal, C., Hurst, A., Ronch, J., and Neylan, C. 2012. "Visualizations for self-reflection on mouse pointer performance for older adults." In Proceedings of ACM SIGACCESS Conference on Computers and accessibility (ASSETS '12).

Juried Workshops

[W.4] Merritt, D., Jones, J., Ackerman, M. 2015. "KidKeeper: Capturing Childhood Memories in a Smart Home." Workshop on Smart for Life: Designing Smart Technologies that Evolve with Users in conjunction with CHI 2015.

[W.3] J. Jones. Pulling Together a Patchwork Reality: Supporting Memory Work of Family Memory Keepers. 2015. Workshop on Broadening Participation in conjunction with Ubicomp 2014.

[W.2] Jones, J., Kaziunas, L. "Empathic Memory in Healthcare: Design Challenges for Supporting Sentimental Work and Emotional Labor" Workshop on Enabling Empathy in Health and Care in conjunction with (CHI 2014).

[W.1] J. Jones. "Design and Health in Interactive Architecture." Workshop on Interaction and Architectural Space in conjunction with CHI 2014.

Doctoral Colloquia

[D.1] Jones, J. 2016. Designing Social Memory Artifacts in a Smart Home. Proceedings of the 19th International Conference on Supporting Group Work (GROUP'16).

Invited Talks

[L.2] Jones, J. 2015. "Fantasy or Aspiration: Reflection on L-SWE SUCCESS Camp." Invited Talk at Michigan Inaugural ICTD Symposium, Ann Arbor, Michigan.

[L.1] Jones, J. 2015. "My Journey as a Woman in Technology," Invited Talk at iLab Liberia Women Accelerating Tech Entrepreneurship Workshop, Monrovia.

TEACHING EXPERIENCE

Graduate Student Instructor, School of Information, University of Michigan

- SI 500 - Information in Social Systems, Fall 2014. Instructors: Dr. David Wallace, Dr. Eric Cook
 - Developed and taught discussion sessions, facilitated group activities, graded assignments
- SI 582 - Introduction to Interaction Design, Fall 2016. Instructor: Tawanna Dillahunt
 - Mentored student projects, graded assignments

Workshop Facilitator, DoIIIT Studio, University of Michigan

- Critical Making: Wearable Technology and Body Politics, October 2016.
 - Designed and facilitated multi-day workshop introducing 30 graduate students to critical design and physical computing, including prototyping, public demos, and a faculty panel discussion

- Introduction to Circuits and Physical Computing, Brightmoor Makerspace, Detroit. June 2016.
 - Designed mini-lectures and instructional packet for half-day workshop to introduce middle school students to basic circuits design and helped them construct programmable LED shoelaces

Other Teaching Experience

- Graduate Student Organizer and Instructor, Liberia Society of Women Engineers, June-August 2015
 - Worked with team of five graduate students to develop and facilitate two-week residential engineering and leadership camp in Liberia for 40 Liberian and U.S. female engineering undergrads, including hands-on projects, professional development seminars, invited speaker panels, and grad school prep workshops
- Kkwaenggari Instructor (상쇠), Sinaboro Traditional Korean Drumming Group, 2015-2016
 - Developed curriculum for teaching undergrads a variety of traditional drumming pieces, trained younger players in drum and dance choreography, worked with other staff members to create and run yearly public concert of 200 attendees, performed for Korean cultural festivals, campus events and local groups

Funding and Awards

Prestigious Fellowships

National Science Foundation (NSF) Graduate Research Fellowship, 2013-2016
 University of Michigan, Rackham Merit Fellowship, 2012-2017
 GEM Fellowship, 2012-2013
 Google Anita Borg Scholar - Finalist, 2012

Research Grants

NSF / Korea National Research Foundation: GROW Fellowship, 2016
 Rackham Research Grant, 2016
 School of Information International Internship Grant, 2016
 Africa Studies Center Research Fellowship, 2013
 International Center Research Fellowship, 2013
 CRA-W Collaborative Research Experience for Undergraduates, 2011-12

Co-curricular Grants

UMSI Diversity Committee Special Event Fund (Critical Making Workshop), 2016
 UMSI Conference Travel Grant, 2013, 2014, 2016
 Rackham Conference Travel Grant, 2013, 2014, 2015
 Coalition to Diversify Computing Conference Travel Grant, 2015

Awards

Willie Hobbs Moore Trailblazer Award, 2016

RESEARCH and WORK EXPERIENCE

University of Michigan, School of Information, Ann Arbor, MI

September 2012 to present, PhD Student Researcher and Instructor

- Designed and conducted field research studies using interviews, observation, and qualitative data analysis to obtain insights for designing novel computing systems
- Prototyped and tested novel-sensor based technologies that respond to social activities within the home
- Co-founded makerspace designed to support PhD research in interdisciplinary computing and society research, focusing on interactive, intelligent, and distributing computing
- Crafted grant proposals for tens of thousands of dollars in national and university research funding
- Wrote and presented peer-reviewed research articles to inform interdisciplinary audiences of research
- Planned and facilitated seminar discussions with ~40 Masters students on foundation topics in information

Creative Interaction Lab, KAIST, Department of Industrial Design, Daejeon, South Korea

June 2016-August 2016, Visiting PhD Researcher

- Designed and conducted formative interview study to generate design insights
- Collaborated with a team of industrial design students to prototype technical probes
- Conducted pilot test and field deployment of prototypes for evaluation (*ongoing*)

Liberian Society of Women Engineers Leadership Camp, Monrovia, Liberia

May 2014- August 2015, Mentor Teacher, Documentary Media Lead

- Collaborated with a trans-national team of US and Liberian engineering students to organize and host a two-week engineering leadership camp for 30 female engineering studies.
- Created and taught unique curriculum for leadership and advocacy skills in Liberian collegiate context.
- Filmed documentary interviews to maintain history of first student chapter of the International Society of Women Engineers on African continent.

Educational Centre for the Blind and Visually Impaired, Freetown, Sierra Leone

June- July 2013, Visiting Researcher

- Leverage participatory design approach to co-design and conduct nation-wide, multi-lingual survey on quality of life and assistive device use of people with disabilities
- Trained two local students as research assistants to administer survey and interviews
- Provided technical media support (film, photography, audiorecording) for center events and publicity
- Conducted accessibility analysis and provided recommendations to Freetown's first accessible internet cafe

Oak Ridge National Lab- Consortium for Advanced Simulation of Light-water Reactors, Oak Ridge, TN

May -August 2012, Graduate Intern

- Developed database to host and aggregate data from sensors installed throughout facility to monitor use
- Created visualizations of disparate data sources to analyze remote and local use of facility
- Assisted consortium IT staff in creating metrics to measure successful cross-institutional team collaboration
- Presented research to congressional subcommittee on broadening minority participation in computing

NSF / CRA-W Undergraduate Research Fellow, Various Universities

May 2008 - May 2012

- Implemented new multi-modal gestures and multi-user games for new iPhone developer platform (2008)
- Designed and conducted user experience analysis of wearable technology for fitness tracking (2009)
- Conducted comparison of cultural views of technologies for disability in US and Switzerland (2010)
- Designed visualizations to help elderly users reflect on personal data about their activities (2011-12)
- Mentored younger undergraduate students in research design and study methods (2011-12)

UMBC Diversity and Interfaith Centers, Baltimore, MD

September 2008- May 2012, Culture and Diversity Peer

- Designed programming to facilitate discussions amongst students with divergent viewpoints
- Co-facilitated weekly discussion series on diversity and social justice topics
- Planned and executed event logistics on behalf of campus organizations

LEADERSHIP AND SERVICE

Academic / Professional

2016-17	Student Coordinator, MISC Michigan Interactive and Social Computing Research Group
2016	Demos Co-Chair, ICTD'16
2015-17	Organizing Committee, Designers of Interactive, Intelligent, Interconnected Things
2015	Organizer, SI Qualitative Research Discussion Group
2014-15	Student Volunteer, TEI'14, CHI'15
2013-15	Committee Member, UMSI Doctoral Executive Committee
2008-12	Chapter Executive Board, UMBC Chapter of the National Society of Black Engineers

Mentoring

- 2016-17 Mentor, UMSI PhD Student Mentoring Program
- 2016-17 Mentor, UMBC Meyerhoff Scholar Alumni Association
- 2013-15 Panelist, "How to Succeed in Graduate School", UM M-STEM Program, MSP Scholars
- 2011-12 Student Research Mentor, CRA-W Distributed Research Experience for Undergraduates

Diversity

- 2014-16 Executive Committee, MUSES - Mentoring for Minority Graduate Women in Engineering
- 2014-15 PhD Representative, UMSI Diversity Committee
- 2009-12 Committee Member, UMBC President's Commission for Women