

REBECCA GULOTTA

Human-Computer Interaction Institute, Carnegie Mellon University
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EDUCATION

2010 – 2016 (expected)

Ph.D. in Human-Computer Interaction

Human-Computer Interaction Institute
School of Computer Science
Carnegie Mellon University, Pittsburgh, PA

Research Interests: Algorithmic curation, multigenerational systems, online communities, identity presentation, information management

2010 – 2012

M.S. in Human-Computer Interaction

Human-Computer Interaction Institute
School of Computer Science
Carnegie Mellon University, Pittsburgh, PA

2006 – 2010

B.S. in Engineering Psychology

Minor in Computer Science
Magna cum laude
Tufts University, Medford, MA

EXPERIENCE

Summer 2014

User Research Intern

Google Research, Mountain View, California
with Alex Kauffmann and Team Airbender

I worked with a team of researchers and engineers to better understand how novel interaction techniques could influence user's perceptions of the ownership and lifespan of digital content. I also helped develop a long-term strategic plan for the group's work.

Summer 2013

Research Scientist Intern

Yahoo Labs, Sunnyvale, California
with Dr. Jofish Kaye and the HCI Research Group

I analyzed information about how people manage their finances and conducted research about how people make decisions about what to 'like' on Facebook.

2008 - 2010

Research Assistant

HCI Research Lab, Tufts University
with Dr. Robert Jacob and the HCI Lab

I assisted with research on brain-computer interaction. I developed interactive data collection tools, conducted study sessions, and contributed to several research papers.

Spring 2008

Research Assistant
Cognitive Psychology Lab at Tufts University, Medford, MA

I participated in research investigating implicit memory and priming.

CONFERENCE PUBLICATIONS

Rebecca Gulotta, Rayoung Yang, Mark W. Newman, and Jodi Forlizzi. (2016). Fostering engagement with personal informatics systems. To appear at the *2016 SIGCHI Conference on Designing Interactive Systems* (DIS 2016).

Rebecca Gulotta, David Gerritsen, Aisling Kelliher, and Jodi Forlizzi. (2016). Engaging with death online: An analysis of systems that support legacy-making, bereavement, and remembrance. To appear at the *SIGCHI Conference on Designing Interactive Systems* (DIS 2016).

David Gerritsen, Dan Tasse, Jennifer Olsen, Tatiana Vlahovic, **Rebecca Gulotta**, William Odom, Jason Wiese, and John Zimmerman. (2016). Mailing archived emails as postcards: Probing the value of virtual collections. To appear at the *2016 SIGCHI Conference on Human Factors in Computing Systems* (CHI 2016).

Rebecca Gulotta, Alex Sciuto, Aisling Kelliher, and Jodi Forlizzi. (2015). Curatorial Agents: How Systems Shape Our Understanding of Personal and Familial Digital Information. In *Proceedings of the 2015 SIGCHI Conference on Human Factors in Computing Systems* (CHI 2015), 3453 - 3462.

Rebecca Gulotta, William Odom, Haakon Faste, and Jodi Forlizzi. (2014). Legacy in the age of the internet: Reflections on how interactive systems shape how we are remembered. In *Proceedings of the 2014 ACM Conference on Designing Interactive Systems* (DIS 2014), 975 - 984.

Jofish Kaye, Mary McCuiston, **Rebecca Gulotta**, and David A. Shamma. (2014). Money talks: Tracking personal finances. In *Proceedings of the 2014 SIGCHI Conference on Human Factors in Computing Systems* (CHI 2014), 521 - 530.

Rebecca Gulotta, William Odom, Haakon Faste, and Jodi Forlizzi. (2013). Digital artifacts as legacy: Exploring the lifespan and value of digital information. In *Proceedings of the 2013 SIGCHI Conference on Human Factors in Computing Systems* (CHI 2013), 1813 - 1822.

Best Paper Honorable Mention.

Rebecca Gulotta, Haakon Faste, and Jennifer Mankoff. (2012). Curation, provocation, and digital identity: Risks and motivations for sharing provocative images online. In *Proceedings of the 2012 SIGCHI Conference on Human Factors in Computing Systems* (CHI 2012), 387 - 390.

Leanne Hirshfield, **Rebecca Gulotta**, Stuart Hirshfield, Sam Hincks, Matthew Russell, Rachel Ward, Tom Williams, and Robert Jacob. (2011). This is your brain on interfaces: Enhancing usability testing with functional near-infrared spectroscopy. In *Proceedings of the 2011 SIGCHI Conference on Human Factors in Computing Systems* (CHI 2011), 373 - 382.

Leanne Hirshfield, Krysta Chauncey, **Rebecca Gulotta**, Audrey Girouard, Erin Solovey, Robert Jacob, Sergio Fantini, and Angelo Sassaroli. (2009). Combining electroencephalograph and functional near infrared spectroscopy to explore users' mental workload. *HCI International 2009*, 239 - 247.

WORKSHOP AND MAGAZINE PUBLICATIONS

Victoria Schwanda Sosik, Phil Adams, Robert Beaton, **Rebecca Gulotta**, Rob Schill, and Matthew Simpson. (2016). Organizers of the workshop: On the move: Mixed methods for research in Mobile HCI. To appear at *Mobile HCI 2016*.

Rebecca Gulotta, Haakon Faste, and Jodi Forlizzi. (2013). (Dis)Repair, Reflection, and Forgetting. *Workshop on Reclaiming Repair at the 2013 SIGCHI Conference on Human Factors in Computing Systems* (CHI 2013).

Rebecca Gulotta, Haakon Faste, and Jodi Forlizzi. (2012). Revelado: Exploring the preservation of our digital data. *Workshop on Death and Dying at the 2012 SIGCHI Conference on Human Factors in Computing Systems* (CHI 2012).

Rebecca Gulotta, Katerena Kuksenok, Jennifer Mankoff, and Haakon Faste. (2011). Ethical Challenges in Online Health Community Research. *Workshop on Ethics, Logs, and Videotape at the 2011 SIGCHI Conference on Human Factors in Computing* (CHI 2011).

Evan Peck, Krysta Chauncey, Audrey Girouard, **Rebecca Gulotta**, Francine Lalooses, Erin Solovey, Doug Weaver, and Robert Jacob. (2010). From brains to bytes. *XRDS* 16(4), 42 - 47.

AWARDS AND FELLOWSHIPS

2015	Facebook Grace Hopper Scholarship <i>Facebook Scholarship Program</i> Funding to attend the Grace Hopper Women in Computing Conference Houston, TX.
2011 - 2014	Graduate Research Fellowship <i>National Science Foundation</i> Provided three years of support for my graduate research.
2013	Best Paper Honorable Mention <i>CHI 2013</i> in Paris, France
2011	CRA-W Grad Cohort <i>Committee on the Status of Women in Computing</i> Provided with financial support to attend the CRA-W Grad Cohort in Boston, MA.
2010	DeFlorez Prize for Human Engineering <i>Tufts University</i> Given to the top student studying applied psychology.
2009	Summer Scholar Grant <i>Tufts University</i> Summer research funding to support interdisciplinary collaborations.
2006 - 2010	Capital One Foundation Scholarship <i>Capital One</i> Provided partial support for my undergrad education.

TEACHING AND MENTORING EXPERIENCE

2014	Course Instructor, Independent Study in Design Research <i>Human-Computer Interaction Institute at Carnegie Mellon</i> Directed a research team comprised of three masters students from the School of Design.
2014	Teaching Assistant, Interaction Design Overview <i>Human-Computer Interaction Institute at Carnegie Mellon</i> Oversaw a section of the class, led critiques, gave feedback about student work.
2013	Teaching Assistant, Interaction Design Studio <i>Human-Computer Interaction Institute at Carnegie Mellon</i> Led critiques, graded assignments, provided feedback on project work.
2010	Course Assistant, Computer Architecture <i>Computer Science Department at Tufts University</i> Conducted focus groups and analyzed student course feedback to assist in the redesign of the Computer Architecture course.
2008 - 2009	Teaching Assistant, Introduction to Computer Science, Data Structures <i>Computer Science Department at Tufts University</i> Graded student work, oversaw lab sessions, provided feedback on class assignments.

PROFESSIONAL SERVICE

Program Committee	CHI 2016 in San Jose <i>Late-Breaking Work Program Committee Member</i>
	DIS 2014 in Vancouver <i>Provocations and Works-In-Progress Committee Member</i>
Organizing Committee	DIS 2014 in Vancouver <i>Media/Communication Co-Chair</i> Managed the social media presence and press communication for DIS 2014.
Mentor	CHI 2014 in Toronto <i>ACM-Women</i> Conference mentor for the ACM-Women student scholarship recipients.
Student Volunteer	ACM Human Factors in Computing Systems (CHI), 2011 - 2014
Reviewer	ACM Human Factors in Computing Systems (CHI) ACM Conference on Designing Interactive Systems (DIS) ACM Conference on MobileHCI Nordic Conference on Human-Computer Interaction ACM Conference on Computer-Supported Cooperative Work (CSCW) ACM Conference on Creativity and Cognition ACM/IEEE Conference on Human-Robot Interaction

UNIVERSITY AND DEPARTMENT SERVICE

Student Organizer

HCI Design Group, 2015 – present

Organize meetings for design research PhD students.

HCI + Design Discussion Group, 2013 – 2014

Booked speakers and organized meeting times for a discussion group that focused on topics at the intersection of design and human-computer interaction.

HCII Prospective Ph.D. Student Open House, 2014

Arranged activities for a three-day visit for prospective Ph.D. students. Managed current students who volunteered to participate in the open house.

HCII FoodLab, 2014 - present

Founder and instructor of a group that teaches food preservation techniques.

Panelist

Process and Theory Course at Carnegie Mellon, 2013 – 2015

Took part in panels about choosing and switching advisors.

Volunteer

Women@SCS, 2011 - present

I participate in a number of mentoring activities for Women@SCS, Carnegie Mellon's women in computing organization.

INVITED WORKSHOPS AND TALKS

2015

Summer Research Institute

Consortium for the Science of Sociotechnical Systems (CSST)

Invited to attend the CSST's Summer Institute in Colorado Springs, CO.

2014

Guest lecture at the California College of the Arts

"Digital Artifacts as Legacy"

Google PhD Summit at Google Pittsburgh

"Legacy in the Age of the Internet"

SKILLS

Research Methods

Surveys, Interviews, Directed Storytelling, Photo-Elicitation, Grounded Theory, Content Analysis, Affinity Diagramming, Reflective and Participatory Design, Usability Testing, Cognitive Task Analysis, Think Aloud Studies, Contextual Inquiry, Card Sorting, Focus Groups, Storyboarding, High and Low Fidelity Prototyping

Programming

JavaScript, Java, C++, Python, Android Development, Arduino, Processing, Flask

Physical Fabrication

Sewing, Ceramics, CNC Milling, Laser Cutting, Woodworking, Print-Making, Knitting