

# ELLIE HARMON, PHD

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## EDUCATION

- 2015 PH.D. INFORMATION AND COMPUTER SCIENCE  
UNIVERSITY OF CALIFORNIA, IRVINE  
*Thesis: Computing as Context: Dis/Connection Beyond the Moment of Non/Use*
- 2007 M.S. HUMAN COMPUTER INTERACTION  
GEORGIA INSTITUTE OF TECHNOLOGY
- 2004 B.S. COMPUTER SCIENCE, *Highest Honors*  
GEORGIA INSTITUTE OF TECHNOLOGY  
*Minors: Sociology and Cognitive Science*

## WORK EXPERIENCE

- 2016-2017 PRINCIPAL RESEARCHER / ENCOUNTERING TECH, LLC  
*Consultant on project about platform- and crowd-based work for IG Metall.  
Speaker on technology, nature, disconnection, and overwork.*
- 2015-2016 RESEARCH ASSOCIATE / UNIVERSITY OF COLORADO BOULDER  
*Department of Information Science, Philanthropic Informatics Research Lab*
- 2014 INSTRUCTOR / UNIVERSITY OF CALIFORNIA IRVINE  
*Department of Informatics, Introduction to Human-Computer Interaction*
- 2014 RESEARCH CONSULTANT / INTEL LABS  
*Research and reporting on emerging mindfulness and IT sector.*
- 2009-2010 USER SUPPORT / TELLME (MICROSOFT)
- 2009 IT HELP DESK CLERK / US CENSUS
- 2007-2008 DESIGNER / SERET & SONS

## FULL PAPERS

- 2017 Ellie Harmon, Chris Bopp, and Amy Volda (accepted, to appear). “The Design Fictions of Philanthropic IT: Stuck Between an Imperfect Present and an Impossible Future” Proc. CHI 2017 in Denver, CO, USA.

FULL PAPERS (continued)

- 2017 Chris Bopp, Ellie Harmon, and Amy Volda (accepted, to appear). **“Disempowered by Data: Nonprofits, Social Enterprises, and the Consequences of Data-Driven Work”** Proc. CHI 2017 in Denver, CO, USA.
- 2017 Ellie Harmon, Matthias Korn, and Amy Volda. **“Supporting Everyday Philanthropy: Care Work In Situ and at Scale”** Proc. CSCW 2017 in Portland, OR, USA. (Acceptance Rate: 35%)
- 2017 Amy Volda, Ellie Harmon, Willa Weller, Aubrey Thornsby, Ariana Casale, Samuel Vance, Forrest Adams, Zach Hoffman, Alex Schmidt, Kevin Grimle, Luke Cox, Aubrey Neeley, Christopher Goodyear. **“Competing Currencies: Designing for Politics in Units of Measurement”** Proc. CSCW 2017 in Portland, OR, USA. (Acceptance Rate: 35%)
- 2016 Lynn Dombrowski, Ellie Harmon, and Sarah Fox. **“Social Justice-Oriented Interaction Design: Outlining Key Design Strategies and Commitments”** Proc. DIS 2016 in Brisbane, QLD, Australia. *Best Paper Award* (Award Rate: 1%, Acceptance Rate: 25%)
- 2015 Melissa Mazmanian, Ingrid Erickson, and Ellie Harmon. **“Circumscribed time and porous time: Logics as a way of studying temporality”** Proc. CSCW 2015 in Vancouver, BC, Canada. (Acceptance Rate: 28%)
- 2013 Ellie Harmon and Melissa Mazmanian. **“Stories of the smartphone in everyday discourse: conflict, tension & instability”** Proc. CHI 2013 in Paris, France. pp. 1051-1060. *Best Paper Honorable Mention* (Award rate: 5%, Acceptance rate: 20%)
- 2012 Amy Volda, Ellie Harmon, and Ban Al-Ani. **“Bridging between organizations and the public: volunteer coordinators’ uneasy relationship with social computing”** Proc. CHI 2012 in Austin, TX, USA. pp. 1967-1976. *Best Paper Honorable Mention* (Award rate: 5%, Acceptance rate: 23%)
- 2011 Amy Volda, Ellie Harmon, and Ban Al-Ani. **“Homebrew databases: complexities of everyday information management in nonprofit organizations”** Proc. CHI 2011 in Vancouver, BC, Canada. pp. 915-924. *Best Paper Honorable Mention* (Acceptance rate: 26%)
- 2008 Ellie Harmon and Nancy J. Nersessian. **“Cognitive partnerships on the bench top: designing to support scientific researchers”** Proc. DIS 2008 in Cape Town, South Africa. pp. 119-128. (Acceptance rate: 34%)

## FULL PAPERS (continued)

- 2007 Steven Dow, Manish Mehta, Ellie Harmon, Blair MacIntyre, and Michael Mateas. **“Presence and engagement in an interactive drama”** Proc. CHI 2007 in San Jose, CA, USA. pp. 1475-1484. (Acceptance rate: 24%)

## BOOK CHAPTERS

- 2015 Melissa Mazmanian, Christine Beckman, and Ellie Harmon. **“Ethnography Across the Work Boundary: Benefits and Considerations for Organizational Studies”** Handbook of Innovative Qualitative Research Methods: Pathways to Cool Ideas and Interesting Papers. Kimberly Elsbach and Roderick Kramer, Eds. Routledge. pp. 262-271.

## PUBLISHED SHORT PAPERS + ESSAYS

- 2016 Ellie Harmon. **Commentary** for *alt.chi* paper: “Meaning Reconstruction as an Approach to Analyze Critical Dimensions of HCI Research” in Ext. abstracts CHI 2016.
- 2012 Ellie Harmon. **“Edit-work: promoting interdisciplinary conversation within flagship journals”** in Chima M. Anyadike-Danes et al., “Reflections on american anthropology: a conference at UC Irvine.,” American anthropologist.
- 2006 Brandon Brown, Marshini Chetty, Andrea Grimes, and Ellie Harmon. **“Reflecting on health: a system for students to monitor diet and exercise”** in Ext. abstracts CHI 2006, Montréal, Québec, Canada, pp. 1807-1812.

## WORKSHOPS ORGANIZED

- 2016 Ellie Harmon, Matthias Korn, Ann Light, and Amy Volda. **Designing Against the Status Quo**, a workshop at Designing Interactive Systems (DIS 2016), Brisbane, Australia. Proposal to appear in Extended Abstracts, Proc. DIS.

## GALLERY EXHIBITS

- 2014 Christina Agapakis and Ellie Harmon. **“DIRT”**. May 1 - 15, 2014. UCLA Art|Science Center.
- Celebrating the aesthetics of data visualization and questioning the ways we make scientific knowledge through the production of a gallery exhibit and

FULL PAPERS (continued)

website exploring the beauty, excesses, and limitations of a diversity of processes for representing microbes in the biological sciences. See also: <http://dirtmap.org>

## INVITED TALKS + WORKSHOP PAPERS

- 2017 Ellie Harmon. “**My Maps, My Music, My Everything**’: Smartphones, Technology, and Ways to ‘Take a Break from this Life’ on the Pacific Crest Trail” at Technology on the Trail. Virginia Tech, Blacksburg, VA. <https://technologyonthetrail.wordpress.com/workshop/>
- 2015 Christine Beckman, Melissa Mazmanian, and Ellie Harmon. “**Rituals of Control: Creating and Living under a Budget Number**” at Academy of Management Annual Meeting in Vancouver, BC, Canada.
- 2014 Ellie Harmon. “**ICTs as materialized relations: connection and disconnection in an age of ubiquitous computing**” at Ethnographic Praxis in Industry Conference (EPIC), Doctoral Colloquium, Fordham University, New York. September 7, 2014.
- 2014 Ellie Harmon. “**Temporal Hopes**” at Intel Science and Technology Center for Social Computing Annual Conference, Atlanta, GA. May 21, 2014.
- 2014 Christina Agapakis and Ellie Harmon. “**DIRT**” at LASER. California NanoSystems Institute (CNSI) and Leonardo/ISAST, the International Society for the Arts, Sciences, and Technology at UCLA. May 1, 2014.
- 2014 Melissa Gregg and Ellie Harmon. “**Mindful Labor**” at Social Media and Psychosocial Wellbeing. Journalism and Media Studies, Rutgers University, Newark, NJ.
- 2013 Ellie Harmon. “**Information materialities: what do they have to do with my work anyway?**” at Symposium on information materialities. Department of Informatics, University of California, Irvine, CA.
- 2013 Christina Agapakis and Ellie Harmon. “**Dirt: Biogeography on the Pacific Crest Trail**” at Transmissions and Entanglements: Uses of inventive methods Irvine, CA.
- 2013 Ellie Harmon. “**A dirty science ethnography of dirt**” at Society for the social studies of science (4S 2013) in San Diego, CA.
- 2012 Ellie Harmon. “**Smartphone intimacies: shifting boundaries of humanmachine subjectivities**” at Society for the social studies of science (4S 2012) in Copenhagen, Denmark.
- 2012 Ellie Harmon. “**Worlding the smartphone: technologies, people and stories**” at UCI visual studies conference: constructing worlds: making and breaking order. Visual Studies Department, University of California, Irvine, CA.

## INVITED TALKS + WORKSHOP PAPERS (continued)

- 2011 Ellie Harmon and Melissa Mazmanian. “**Smartphones and the social dynamics of busyness**” at NSF sponsored symposium: ‘Slow down, you move too fast’: rethinking the culture of busyness and IT. University of Washington, Seattle, WA.
- 2011 Ellie Harmon. “**Personal digital taxidermy: imagining the future-past**” at Society for the social studies of science (4S 2011) in Cleveland, OH.

## MEDIA COVERAGE

- 2017 Jacob Demmitt. “Trekking and Tech: Hiker to test it on the trail.” March 3, 2017. *Roanoke Times*. Virginia section, p. 1, p. 8.
- 2015 Veronica Simpson. “When Science and Design Collides” *Blueprint*. February 2015.
- 2014 Jack Haskell. “The PCT Residency: Artists in the Wild” *Pacific Crest Trail Communicator*. Fall 2014. Volume 26, No. 3.

## TEACHING EXPERIENCE

### INSTRUCTOR

- 2014 **INFORMATICS 131: HUMAN COMPUTER INTERACTION**  
**UC Irvine, Department of Informatics**  
Winter Quarter, 2014, 115 Students
- Sophomore/Junior-level course with custom syllabus stressing the relationships among design practice, ethics, culture, and computing. Structured around a design project tracing a human-centered design cycle from formative evaluations through prototyping and basic evaluation.

### TEACHING ASSISTANT

- 2011 **INFORMATICS 161: SOCIAL ANALYSIS OF COMPUTERIZATION**  
**UC Irvine, Department of Informatics**  
Spring Quarter 2011, 55 students
- Junior/Senior-level course focusing on the social impacts of computing. Structured around producing a final paper and discussing readings in HCI and Science Technology & Society (STS).

## TEACHING EXPERIENCE (continued)

### 2002 - 2004      **COMPUTER SCIENCE 2340: OBJECTS AND DESIGN**

**Georgia Tech, College of Computing**

Head TA: 5 semesters: Summer 2003 - Fall 2004

TA: 2 semesters: Fall 2002 - Spring 2003

Sophomore-level course to introduce the fundamentals of object oriented software architecture and programming. Structured around a team-based programming project; taught in Squeak, a variant of Smalltalk.

## STUDENT SUPERVISION

### 2011              **ABI RAJIVE-SHANKER**

**Undergraduate in Informatics, UC Irvine**

Independent Study: How students interact with iPhone apps

## GRANTS + FELLOWSHIPS

### 2012 - 2015      **Graduate Student Fellowship**

Intel Science and Technology Center for Social Computing

### 2013              **Graduate student project Grant, \$3,500**

Intel Science and Technology Center for Social Computing

### 2013 - 2014      **Implementation Grant, \$7,500 (2013-2014)**

**University of California Institute for Research in the Arts**

**Dirt: Biogeography of the Pacific Crest Trail**

co-director with Christina Agapakis

### 2012              **Rob Kling Memorial Fellowship, \$2,000**

UC Irvine, School of Information & Computer Science

### 2009 - 2013      **Dean's Fellowship**

UC Irvine, School of Information & Computer Science

### 2000 - 2004      **Governor's Scholarship**

State of Georgia

## HONORS + AWARDS

### BEST PAPER AWARD

### 2016              **"Social Justice-Oriented Interaction Design"**

ACM SIGCHI Conference on Designing Interactive Systems (DIS)

## HONORS + AWARDS (continued)

### BEST PAPER HONORABLE MENTION

- 2013            **“Stories of the Smartphone”**  
ACM CHI Conference on Human Factors in Computing Systems
- 2012            **“Bridging Between Organizations and the Public”**  
ACM CHI Conference on Human Factors in Computing Systems
- 2011            **“Homebrew Databases”**  
ACM CHI Conference on Human Factors in Computing Systems

### OTHER AWARDS

- 2006            **CHI Student Design Competition, 2nd place**  
“Reflecting on Health”
- 2005            **Outstanding Undergraduate TA**  
College of Computing, GA Tech
- 2004            **President’s Undergraduate Research Award**  
Georgia Tech

## SERVICE + ACTIVITIES + ACCOMPLISHMENTS

### PROGRAM COMMITTEE MEMBER

- 2016            Associate Chair, Papers, Experience Track: DIS 2016

### REVIEWER

- 2011 - Present    CHI 2011, CHI 2012, CHI 2013, CHI 2014, CHI 2015, CHI 2017  
CSCW 2015, CSCW 2017, DIS 2014, DIS 2016  
*First Monday* Special Issue on Non-Use, 2015  
*M/C Journal*, 2013

### STUDENT VOLUNTEER

- 2014            Ethnographic Praxis in Industry Conference (EPIC)
- 2010            ACM CHI

### OTHER SERVICE

- 2010 - 2011    Board Member, Informatics Graduate Student Association
- 2006 - 2007    Graduate Student Association, Georgia Tech College of Computing
- 2002 - 2003    Women@CC, Mentor for freshman computer science majors
- 2001            Field Organizer, Pennsylvania PIRG and Clean Water Action



SERVICE + ACTIVITIES + ACCOMPLISHMENTS (continued)

**WEBMASTER**

2014 - Present Old Blue Raw Honey

2014 - 2015 Method Quarterly

2011 - 2012 Digital / Cultural / Mobile, UC Irvine

**COMPLETED THRU-HIKES**

2013 2650-mile Pacific Crest Trail

2008 2176-mile Appalachian Trail