

ELENA AGAPIE

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EDUCATION

University of Washington, Human Centered Design and Engineering Doctoral Student	2014–Present
Harvard University, School of Engineering and Applied Sciences M.S. in Computer Science	2009–2012
Jacobs University Bremen, Germany B.Sc. in Computer Science	2006–2009
University of Bucharest, Romania; semester abroad at University of Provence, France	2004–2006

AWARDS

Best Paper Honorable Mention for “Staying the Course: System-Driven Lapse...” (CHI 2016)	2016
Best Paper Award for “Crowdsourcing in the Field: A Case Study Using Local...” (HCOMP 2015)	2015
PhD Entrance Award, HCDE Department	2014
Best Paper Honorable Mention for “Leading People to Longer Queries” (CHI 2013)	2013
Google Conference Travel Grant	2011
Grace Hopper Scholarship , Google Global Community Scholarship	2008
DAAD (German Academic Exchange Service) Award for Community Involvement , Bremen, Germany	2008
Jacobs University Undergraduate Scholarship	2006–2008
Erasmus Scholarship at the University of Provence, France	2006

PUBLICATIONS

In human–computer interaction, top-tier conferences (<30% acceptance rate) are as—or more—impactful than journals; see <http://dx.doi.org/10.1145/1743546.1743569>.

Conference Papers (fully reviewed, archival)

- C.8 **When Personal Tracking Becomes Social: Examining the Use of Instagram for Healthy Eating**
Chia-Fang Chung, Elena Agapie, Jessica Schroeder, Sonali Mishra, James Fogarty, Sean Munson
CHI'17: ACM Conference on human factors in computing systems
- C.7 **Examining Menstrual Tracking to Inform the Design of Personal Informatics Tools**
Daniel Epstein, Nicole Lee, Jennifer Kang, Elena Agapie, Jessica Schroeder, Laura Pina, James Fogarty, Julie Kientz, Sean Munson
CHI'17: ACM Conference on human factors in computing systems
- C.6 **Staying the Course: System-Driven Lapse Management for Supporting Behavior Change, *Honorable Mention Best Paper Award*** (top 5% of submissions)
Elena Agapie, Daniel Avrahami, Jennifer Marlow
CHI'16: ACM Conference on human factors in computing systems
- C.5 **PlanSourcing: Generating Behavior Change Plans with Friends and Crowds**
Elena Agapie, Lucas Colusso, Sean Munson, Gary Hsieh
CSCW'16: ACM Conference on Computer Supported Cooperative Work
- C.4 **Crowdsourcing in the Field: A Case Study Using Local Crowds for Event Reporting, *Best Paper Award*** (top 2% of submissions)

Elena Agapie, Andres Monroy-Hernandez, Jaime Teevan
HCOMP'15: AAAI Conference on Human Computation and Crowdsourcing

C.3 **Social Cues and Interest in Reading Political News Stories**

Elena Agapie, Sean Munson
ICWSM'15: AAAI Conference on Weblogs and Social Media

C.2 **Leading People to Longer Queries, *Honorable Mention Best Paper Award*** (top 5% of submissions)

Elena Agapie, Gene Golovchinsky, Pernilla Qvarfordt
CHI'13: ACM Conference on human factors in computing systems

C.1 **Looking Ahead: Query Preview in Exploratory Search**

Pernilla Qvarfordt, Gene Golovchinsky, Tony Dunnigan, Elena Agapie
SIGIR'13: ACM Conference on Research and Development in Information Retrieval

Workshop Papers and Abstracts (lightly reviewed)

W.6 **Designing Our Future Students: Introducing User Experience to Teens Through a UCD Charrette**

Emma Rose, Andrew Davidson, Elena Agapie, and Kiley Sobel
SIGDOC'16, ACM International Conference on the Design of Communication

W.5 **Challenges In Local Reporting With Community Members vs Paid Workers**

Elena Agapie, Andres Monroy-Hernandez
CSCW'15, Workshop on Information Technology and City Life

W.4 **Eventful: Crowdsourcing Local News Reporting**

Elena Agapie, Andres Monroy-Hernandez
Collective Intelligence'14

W.3 **Challenges for Personal Behavior Change Research on Information Diversity**

Nathan Matias, Elena Agapie Catherine, D'Ignazio, Erhardt Graeff
CHI'14, Workshop on Personalizing Behavior Change Technologies

W.2 **Encouraging Behavior: A Foray into Persuasive Computing**

Elena Agapie, Gene Golovchinsky, Pernilla Qvarfordt
HCIR'12: Symposium in Human Computer Information Retrieval

W.1 **Seeing Our Signals: Combining Location Traces and Web-based Models for Personal Discovery**

Agapie E, Chen G, Houston D, Howard E, Kim J, Mun MY, Mondschein A, Reddy S, Rosario R, Ryder J, Steiner A, Burke J, Estrin D, Hansen M, Rahimi M
HotMobile'08: Workshop on Mobile Computing Systems and Applications

Talks or Panels

T.5 **Using Personal Data to Elicit Behaviour Change Plans From Friends and Strangers**

Elena Agapie, Lucas Colusso, Sean Munson, Gary Hsieh
ISRII'16: Technologies for a digital world: Improving health across the lifespan

T.4 **Building up STE(A)M: The UCD Charrette for K-12 Outreach**

Andrew Davidson, Elena Agapie, Kiley Sobel
DUB Seminar, University of Washington, 2014

T.3 **The LOLs of Nations: Understanding Global Memes**

Andres Monroy-Hernandez, Agapie Elena, Ben Valentine, Katy Pearce
SXSW'14: South by Southwest Interactive

T.2 **Crowdsourcing Event Reporting**

DUB Seminar, University of Washington, 2014

T.1 **Overcoming the Filter Bubble with User Interface Design**

Microsoft Research, FUSE Labs, 2013

RESEARCH EXPERIENCE AND INTERNSHIPS

University of Washington, HCDE, Graduate Researcher Summer 2014–Present
Research on the development of tools and design for personalized behaviour change programs with the help of others [C.5]. Enabling non-experts to create behaviour change programs.
PhD Advisers: Sean Munson, Gary Hsieh

Microsoft Research, FUSE Labs, Research Assistant Fall 2013–Spring 2014
Built a system to support crowdsourcing of local journalism and stories. Interviewed and worked with local bloggers. Ran user studies to assess limitations of location based crowdsourcing of events. Publications: [W.4], [W.5], [C.4]

Fuji Xerox Palo Alto Research Lab, Research Intern Summer 2012, 2015
- Designed and implemented research study to evaluate the effect of lapse management in behaviour change programs, designed and built a browser extension. [C.6] (2015)
- Designed and implemented persuasive techniques for search tasks to change user behaviour. Conducted usability analysis using a self-built web platform. [C.1], [C.2], [W.1] (2012)

NASA, Jet Propulsion Laboratory, User Interfaces Group, Data Visualization Research Intern Summer 2013
Designed and built web tools, for interactive visualization of high-level process data that engineers use to communicate and collaborate about the state of a space mission. Worked as part of a design team.

Harvard University

- **Computer Science Department**, Graduate Researcher 2009–2012
Evaluated impact of online profiles, user affect, annotations on readers online news perception. | Design for a pollutant exposure report system. | Software prototype to relate news, blogs and wikileaks documents on a unified platform.

- **Berkman Center for Internet and Society / MIT Center for Civic Media**, Research Assistant Spring 2013
Prototyped technologies for news reporting using Twitter, blogs, Mechanical Turk. Developed meme streams for storytelling. Prototyped tools for large scale analysis of news and blogs data. Conference panel: [W.2]

Intel Labs, Research Intern Summer 2009
Developed and evaluated applications of sensors on mobile devices to infer user activity. Collected sensor data from users, developed an application for data capture, explored multiple sensing modalities.

Undergraduate Research Internships

Research for online platforms for pollution awareness, traffic prediction from GPS data, games for medical diagnosis.

- **UC Berkeley, California Center for Innovative Transportation**, Undergraduate Intern Spring 2009

- **UC Berkeley, Automation Sciences Lab**, REU Undergraduate Intern Summer 2008

- **UCLA, Center for Embedded Networked Sensing**, REU Undergraduate Intern Summer 2007

PROFESSIONAL SERVICE

Conference program and organizing committees

CHI Works-in-Progress Program Committee 2014-2015

UIST Student Volunteer Chair 2011

Reviewer

CHI 2011, 2012, 2015-Present

CHI Works-in-Progress 2012, 2014, 2016, 2017

CSCW 2014-Present

MobileHCI 2015

Excellent review recognition (CHI 2016)

Student Volunteer

SERVICE AT UNIVERSITY OF WASHINGTON

DUB Speaker Series Student Coordinator

Responsible for coordinating speakers for the weekly DUB group HCI speaker series 2016

DUB Student Retreat

Initiated and organized first DUB student retreat as part of yearly university retreat 2016

PhD Visit Days Student

Coordinate visit days organization for HCDE Department 2016

OUTREACH

User Centered Design Workshops for High School and Elementary School Students 2015

Ran several User Centered Design Workshops with groups of 30 high school students. Workshops reached over 200 students across the broad Seattle area.

Mentoring and Advising Women in Science and Engineering

- **Society of Women Engineers (SWE), University of Washington** 2014-2015

Campus talk to undergraduate women engineers about graduate school, organized outreach events for high school students and Girls Who Code groups

- **Mentor in the Women in Science, Technology, Engineering, and Mathematics, Harvard University** 2012

Weekly meeting mentoring undergraduate women on career and personal issues.

Middle East Education through Technology Spring–Summer 2011

Peace making program using teaching to bring together Israeli and Palestinian communities. Co-designed curriculum for summer program (MIT). Taught lectures and mentored Computer Science projects for a class of 25 Israeli and Palestinian high school students (Jerusalem).

Resident Tutor, Lowell House, Harvard University 2011–2013

Academically advised 10 engineering students. Wrote recommendation letters. Organized public speaking event for 60 students and individually advised speakers. Lived with and was a resource for 400 students with diverse needs.

TEACHING AND ADVISING

Outreach Group, University of Washington Winter 2016

Coordinated a seminar preparing outreach workshops in 5 local high schools (HCDE 496/596) leading 15 masters and undergraduate students who I trained in running the outreach workshops. (under supervision of Andrew Davidson) [W.6]

Directed Research Group, University of Washington Fall 2015

Coordinated a research seminar (HCDE 496/596) on designing technology for behaviour change for 11 masters and undergraduate students. Prepared curriculum, ran class sessions (under supervision of Sean Munson and Gary Hsieh).

Teaching Fellow, Harvard University 2011, 2012

CS50 Introduction to Computer Science; ES139 Innovation in Science and Engineering; CS179 Design of Usable Interactive Systems Taught sections for 15 students, led discussion, held office hours, mentored projects.

Tutor, Jacobs University Bremen, Germany 2007-2008

Head tutor and organizer of the Math Support Center (2007-2008), Student Career Adviser (2008)