

ELENA AGAPIE

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EDUCATION

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

AWARDS


- 2017 **CHI Best Paper Award** for “Examining Menstrual Tracking to Inform the Design of Personal ...”
- 2016 **CHI Best Paper Honorable Mention** for “Staying the Course: System-Driven Lapse ...”
- 2015 **HCOMP Best Paper Award** for “Crowdsourcing in the Field: A Case Study Using Local Crowds ...”
- 2014 **PhD Entrance Award**, HCDE Department
- 2013 **CHI Best Paper Honorable Mention** for “Leading People to Longer Queries”
- 2011 **Google Conference Travel Grant**
- 2008 **Grace Hopper Scholarship**
- 2008 **DAAD Award** (German Academic Exchange Service), Bremen, Germany
- 2006–2008 **Jacobs University Undergraduate Scholarship**
- 2006 **Erasmus Scholarship**, at the University of Provence, France

PUBLICATIONS

In human–computer interaction, top-tier conferences (<30% acceptance rate) are as, or more, impactful than journals (see <http://doi.org/fqjt2h>)

Conference Papers (fully reviewed, archival)

- 2018 C.9 **Crowdsourcing Exercise Plans Aligned with Expert Guidelines and Everyday Constraints**
E. Agapie, B. Chinh, L. Pina, D. Oviedo, M. Welsh, G. Hsieh, S.A. Munson
CHI'18: ACM Conference on human factors in computing systems
- 2017 C.8 **When Personal Tracking Becomes Social: Examining the Use of Instagram for Healthy Eating**
C.F. Chung, E. Agapie, J. Schroeder, S. Mishra, J. Fogarty, S.A. Munson
CHI'17: ACM Conference on human factors in computing systems
- C.7 **Examining Menstrual Tracking to Inform the Design of Personal Informatics Tools**
 D. Epstein, N. Lee, J. Kang, E. Agapie, J. Schroeder, L. Pina, J. Fogarty, J. Kientz, S.A. Munson
CHI'17: ACM Conference on human factors in computing systems,
Best Paper Award (top 2%)

- 2016 C.6 **Staying the Course: System-Driven Lapse Management for Supporting Behavior Change**
 **E. Agapie**, D. Avrahami, J. Marlow
 CHI'16: ACM Conference on human factors in computing systems,
 Honorable Mention Best Paper Award (top 5%)
- C.5 **PlanSourcing: Generating Behavior Change Plans with Friends and Crowds**
E. Agapie, L. Colusso, S.A. Munson, G. Hsieh
 CSCW'16: ACM Conference on Computer Supported Cooperative Work
- 2015 C.4 **Crowdsourcing in the Field: A Case Study Using Local Crowds for Event Reporting**
 **E. Agapie**, A. Monroy-Hernandez, J. Teevan
 HCOMP'15: AAAI Conference on Human Computation and Crowdsourcing,
 Best Paper Award (top 2%)
- C.3 **Social Cues and Interest in Reading Political News Stories**
E. Agapie, S.A. Munson
 ICWSM'15: AAAI Conference on Weblogs and Social Media
- 2013 C.2 **Leading People to Longer Queries**
 **E. Agapie**, G. Golovchinsky, F. Qvarfordt
 CHI'13: ACM Conference on human factors in computing systems,
 Honorable Mention Best Paper Award (top 5%)
- C.1 **Looking Ahead: Query Preview in Exploratory Search**
 F. Qvarfordt, G. Golovchinsky, T. Dunnigan, **E. Agapie**
 SIGIR'13: ACM Conference on Research and Development in Information Retrieval

Workshop Papers and Abstracts (lightly reviewed)

- 2016 W.6 **Designing Our Future Students: Introducing User Experience to Teens Through a UCD Charrette**
 E. Rose, A. Davidson, **E. Agapie**, K. Sobel
 SIGDOC'16, ACM International Conference on the Design of Communication
- 2015 W.5 **Challenges In Local Reporting With Community Members vs Paid Workers**
E. Agapie, A. Monroy-Hernandez
 CSCW'15, Workshop on Information Technology and City Life
- 2014 W.4 **Eventful: Crowdsourcing Local News Reporting**
E. Agapie, A. Monroy-Hernandez
 Collective Intelligence'14
- W.3 **Challenges for Personal Behavior Change Research on Information Diversity**
 N. Matias, **E. Agapie**, C. D'Ignazio, E. Graeff
 CHI'14, Workshop on Personalizing Behavior Change Technologies
- 2012 W.2 **Encouraging Behavior: A Foray into Persuasive Computing**
E. Agapie, G. Golovchinsky, F. Qvarfordt
 HCIR'12: Symposium in Human Computer Information Retrieval
- 2008 W.1 **Seeing Our Signals: Combining Location Traces and Web-based Models for Personal Discovery**
E. Agapie, G. Chen, D. Houston, E. Howard, J. Kim, M.Y. Mun, A. Mondschein, S. Reddy, R. Rosario, J. Ryder, A. Steiner, J. Burke, D. Estrin, M. Hansen, M. Rahimi
 HotMobile'08: Workshop on Mobile Computing Systems and Applications

Talks or Panels

- 2016 T.5 **Using Personal Data to Elicit Behaviour Change Plans from Friends and Strangers**
E. Agapie, L. Colusso, S. Munson, G. Hsieh
 ISRII 2016: Technologies for a digital world: Improving health across the lifespan

	T.4	Building up STE(A)M: The UCD Charrette for K-12 Outreach A. Davidson, E. Agapie , K. Sobel, E. Rose DUB Seminar, University of Washington, 2016
2014	T.3	The LOLs of Nations: Understanding Global Memes A. Monroy-Hernandez, E. Agapie , B. Valentine, K. Pearce SXSW 2014: South by Southwest Interactive
	T.2	Crowdsourcing Event Reporting DUB Seminar, University of Washington, 2014
2013	T.1	Overcoming the Filter Bubble with User Interface Design Microsoft Research, FUSE Labs, 2013

EMPLOYMENT

06/2014–Present	University of Washington, HCDE Graduate Researcher, with Sean Munson and G. Hsieh Exploring how social relationships and crowdsourcing can support behaviour change [C.5, C.9].
Summer 2015	Fuji Xerox Palo Alto Research Lab , Palo Alto, CA Research Intern, with Daniel Avrahami and Jennifer Marlow Designed and evaluated the effect of lapse management tools in behaviour change programs [C.6]
Fall 2013–Spring 2014	Microsoft Research, FUSE Labs , Redmond, WA Research Assistant, with Andres Monroy-Hernandez Designed and evaluated a system to support crowdsourcing of local journalism and stories. [W.4, W.5, C.4]
Summer 2013	NASA, Jet Propulsion Laboratory, User Interfaces Group , Los Angeles, CA Research Intern with Scott Davidoff, Margaret Hendrie, and Hillary Mushkin Designed and built web tools, for interactive visualization of high-level process data for space missions.
Spring 2013	Harvard Berkman Center for Internet and Society, MIT Center for Civic Media , Cambridge, MA Research Assistant with Ethan Zuckerman Tools for large scale analysis of news and blogs data. Prototyped new interfaces for news consumption [W.2]
Summer 2012	Fuji Xerox Palo Alto Research Lab , Palo Alto, CA Research Intern, with Gene Golovchinsky and Pernilla Qvaforde Designed and evaluated persuasive techniques for search tasks to change user behaviour. [C.1, C.2, W.1]
Summer 2009	Intel Labs , Santa Clara, CA Research Intern, with Lama Nachman Developed and evaluated applications of sensors on mobile devices to infer user activity.
Spring 2009	UC Berkeley, California Center for Innovative Transportation , Berkeley, CA Undergraduate Intern, with Alexandre Bayen
Summer 2008	UC Berkeley, Automation Sciences Lab , Berkeley, CA REU Undergraduate Intern, with Ken Goldberg
Summer 2007	UCLA, Center for Embedded Networked Sensing , Los Angeles, CA REU Undergraduate Intern, with Deborah Estrin

PROFESSIONAL SERVICE

Conference program and organizing committees

- 2017 HCOMP Crowdcamp Co-organizer
- 2014-2015 CHI Works-in-Progress Program Committee
- 2011 UIST Student Volunteer Chair
- Student volunteer: CSCW 2016, CHI 2016, CHI 2013, UIST 2010

Reviewer

-  CHI 2011-2012, 2015-2018. **Excellent review recognition** (CHI 2016, CHI 2018)
CHI Works-in-Progress 2012, 2014-2018
- CSCW 2014-2018
- DIS 2017-2018
- Pervasive Health 2017
- UIST 2017
- Creativity and Cognition 2017
- MobileHCI 2015

Outreach and Community Building

- 2015-2018 **STEM Diversity Outreach**
Workshops with high school and middle school students to raise awareness of STEM and computing. Reached 600 students across the broad Seattle area, and a Native American Reservation, worked with 50 K12 teachers across WA.
- 2017-2018 **HCDE Bachelor Program Committee, Student Representative**
- 2016-2017 **DUB Student Coordinator**
Initiated and organized: the first **DUB student retreat** (2016), **DUB Doctoral Colloquium** (2017)
Cross departmental: practice talks for conferences, paper swaps for academic deadlines
- 2016 **DUB Speaker Series Student Coordinator**
Responsible for coordinating speakers for the weekly DUB group HCI speaker series
- 2016 **PhD Visit Days Student Coordinator**
Coordinated visit days organization for HCDE Department
- 2014-2015 **Society of Women Engineers (SWE), University of Washington**
Mentored undergraduate women engineers about graduate school.
- 2012 **Mentor in the Women in Science, Technology, Engineering, and Mathematics, Harvard University**
Weekly meeting mentoring undergraduate women on career and personal issues.
- Spring–Summer 2011 **Middle East Education Through Technology**
Developed CS curriculum for a summer camp of 25 Israeli and Palestinian high school students (Jerusalem).
- 2011–2013 **Resident Tutor, Lowell House, Harvard University**
Lived with and was a resource for 400 students, advised students, organized public speaking events.

TEACHING AND ADVISING

- 2016-2016 **Directed Research Group, University of Washington, HCDE 496/596**
Seminars on developing User Centered Design and Programming curriculum for teaching middle school and high school students. Mentored 39 students over 3 quarters. With professor: Andrew Davidson
- Fall 2015 **Research mentorship, Directed Research Group, University of Washington, HCDE 496/596**
Research seminar on designing technology for behaviour change for 11 masters and undergraduate students. Prepared curriculum, ran class sessions. With professors: Sean Munson, G. Hsieh
- 2011, 2012 **Teaching Fellow, Harvard University**
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.
- 2007, 2008 **Tutor, Jacobs University Bremen, Germany**
Head tutor and organizer of the Math Support Center (2007-2008), Student Career Adviser (2008)