

Elena Agapie

EDUCATION

- 2014–Present **University of Washington**, Human Centered Design and Engineering
Ph.D. 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

PUBLICATIONS

Conference Papers (fully reviewed, archival)

Top-tier conferences (<30% acceptance rate) in human-computer interaction are as, or more, impactful than journals (see <http://doi.org/fgjt2h>)

- 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, P. 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**
P. Qvarfordt, G. Golovchinsky, T. Dunnigan, **E. Agapie**
SIGIR'13: ACM Conference on Research and Development in Information Retrieval

Workshop Papers and Abstracts (lightly reviewed)

- 2018 W.8 **Developing an Adaptable K-12 HCI Curriculum**
E. Agapie, A. Davidson
CHI'18, HCI Education Workshop
- W.7 **User-Centered Design Workshops for K-12 Outreach**
E. Agapie, A. Davidson
University of Washington Teaching and Learning Symposium, 2018
- 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, P. 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

Patents

- 2017 **Method and system for generating interactive query results previews**
G Golovchinsky, A Dunnigan, FM Shipman III, E Agapie, US Patent 9,542,492

INVITED TALKS AND PRESENTATIONS

- 2018 T.8 **Grace Hopper Conference**
User Centered Design for K-12 Outreach, presentation, Sept. 2018
- T.7 **INFO 200, Intellectual Foundations of Informatics, University of Washington**
Crowdsourcing Exercise Plans Aligned with Expert Guidelines and Everyday Constraints, May 2018
- T.6 **Seattle Science Slam**
Online Support: How to Help People Get Started with Exercise, Mar. 2018
- 2016 T.5 **ISRII 2016: International Society for Research on Internet Interventions**
Using Personal Data to Elicit Behaviour Change Plans from Friends and Strangers
- T.4 **DUB Seminar, University of Washington**
Building up STE(A)M: The UCD Charrette for K-12 Outreach, with A. Davidson, K. Sobel, E. Rose
- 2014 T.3 **SXSW 2014: South by Southwest Interactive**
The LOLs of Nations: Understanding Global Memes, panel with A. Monroy-Hernandez, B. Valentine, K. Pearce

- T.2 **DUB Seminar, University of Washington**
Crowdsourcing Event Reporting, Jan. 2014
- 2013 T.1 **Microsoft Research, FUSE Labs**
Overcoming the Filter Bubble with User Interface Design, Aug. 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 tool to support crowdsourcing 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 of news interfaces [T.3].
- Summer 2012 **Fuji Xerox Palo Alto Research Lab, Palo Alto, CA**
Research Intern, with Gene Golovchinsky and Pernilla Qvafordt
Designed and evaluated persuasive techniques for search tasks to change user behaviour. [C.1, C.2]
- 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

TEACHING AND ADVISING

- University of Washington**
- 2016-2018 **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 51 students over 5 quarters. With professor: A. Davidson
- Fall 2015,
Spring 2018 **Research Group Mentorship, University of Washington, HCDE 496/596**
Research seminar on designing technology for behaviour change for 17 masters and undergraduate students. Prepared curriculum, ran class sessions. With professors: S. Munson, G. Hsieh
- 2016-2017 **Individual Student Mentorship**
Shin Young 'Lucia' Choi (undergraduate student) Fall 2017
Miki Liu (incoming undergraduate student) Summer 2017
Sayna Parsi (undergraduate student) Spring 2016

Spring 2011– Summer 2011	Middle East Education Through Technology Developed CS curriculum for a summer camp of 25 Israeli and Palestinian high school students (Jerusalem).
	Harvard University
2011, 2012	Teaching Fellow Introduction to Computer Science (CS50); Innovation in Science and Engineering (ES139); Design of Usable Interactive Systems (CS179) Taught sections for 15 students, led discussion, held office hours, mentored projects.
	Jacobs University Bremen, Germany
2007, 2008	Math Tutor Head tutor and organizer of the Math Support Center (2007-2008)

AWARDS

2018	Grace Hopper Scholarship (travel grant)
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 (travel grant)
2008	DAAD Award (German Academic Exchange Service), Bremen, Germany
2006-2008	Jacobs University Undergraduate Scholarship
2006	Erasmus Scholarship, University of Provence, France

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

EXCELLENT REVIEW RECOGNITION (CHI 2018, DIS 2018, CHI 2016)
 CHI 2011-2012, 2015-2018, CHI Works-in-Progress 2012, 2014-2018, CSCW 2014-2018, DIS 2017-2018, Pervasive Health 2017, UIST 2017, Creativity and Cognition 2017, MobileHCI 2015, 2018, AMIA 2018

Outreach and Community Building

2015-2018	STEM Diversity and Inclusion 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
2018	HCDE Undergraduate and Graduate Admissions

- 2016-2017 **DUB Student Coordinator**
Initiated and organized: the first **DUB student retreat** (2016), **DUB Doctoral Colloquium** (2017), organized 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
- 2011-2013 **Resident Tutor, Lowell House**, Harvard University
Lived with and was a resource for 400 students, advised students, organized public speaking events.
- 2008 **Student Career Adviser**, Jacobs University Bremen

Invited Professional Development Talks

- University of Washington**
- 2017 S.4 **DUB student retreat**
Working with Your PhD Advisor, panellist, Oct 2017
- 2016 S.3 **DUB student retreat**
How to Get PhD Internships, panel moderator, Oct 2016
- S.2 **DUB student retreat**
Doctoral Symposia and PhD Summer Schools, panel moderator, Oct 2016
- 2015 S.1 **SWE: Society for Women Engineers**
Graduate Student Panel for Women Undergraduates in Engineering, panellist, Apr 2015