Catherine R. Grevet

catgrev@gmail.com
www.catherinegrevet.com

Education

Georgia Institute of Technology, Atlanta, GA
> **Ph.D. Computer Science (Obtained in May 2016)**
> *Being Nice on the Internet: Designing for the Coexistence of Diverse Opinions Online*
> Committee: Dr. Eric Gilbert (advisor), Dr. Amy Bruckman (Georgia Institute of Tech), Dr. Keith Edwards (Georgia Tech), Dr. Loren Terveen (University of Minnesota), Dr. Ed Chi (Google)

> **M.S. Computer Science (Obtained in May 2012)**
> Specialization in Human-Computer Interaction

Wellesley College, Wellesley, MA
> **B.A. Computer Science (Obtained in June 2009)**
> *Motivating Sustainable Behaviors with an Online Social Visualization*
> Committee: Dr. Scott Anderson (advisor), Dr. Orit Shaer (Wellesley College), Dr. Takis Metaxas (Wellesley College)

Awards

CHI 2015 Honorable paper award [top 5% of submissions], Seoul, Korea, 2015
Rising Stars in EECS: Academic Career Workshop for Women, Berkeley, CA, 2014
Grace Hopper Conference Scholarship, Portland, OR, 2011
Achievement Rewards for College Scientists (ARCS), Atlanta, GA 2010-2011
Second Prize, intern iContest, Apple Inc. (August 2011)
Second Prize, Honda Design Competition, Wellesley College (May 2009)

Teaching Experience

Guest lecturer, College of Computing
Georgia Institute of Technology, Atlanta, GA
CS 4472/6470 (Spring 2014): Design of Online Communities

Guest lecturer, College of Computing
Georgia Institute of Technology, Atlanta, GA
CS 8803 (Fall 2013): Social Computing

Teaching Assistant, College of Computing
Georgia Institute of Technology, Atlanta, GA
CS 4001 (Fall 2011): Computers and Society

Teaching Assistant, Department of CS
Wellesley College, MA
CS110 (Spring 2006, Fall 2006, Spring 2007, Fall 2007, Spring 2008): Computer Science and the Internet

Research and Professional Experience

Yik Yak, Atlanta, GA

User Experience Researcher *(November 2015 to present)*
Crafting the process for UX research at Yik Yak. Conducting talk-aloud studies, remote and in-person usability studies, focus groups, interviews, surveys, and crowdwork experiments to inform Product directions for Yik Yak. Contributed key formative and summative insights for major Yik Yak feature launches.

User Experience Research Intern *(Summer 2015)*
Introduced UX research at Yik Yak. Informed the designs based on talk-aloud studies, usability studies, interviews, surveys, and crowdwork experiments. Reported findings through final intern presentation.

Georgia Institute of Technology, Atlanta, GA

Graduate Research Assistant *(Aug. 2012 to May 2016)*
In the comp.social Lab directed by Dr. Eric Gilbert. Researched opportunities for people of differing opinions to communicate online. Conducted formative surveys and interview studies. Built and evaluated civility tools for social media.

Google, Mountain View, CA

User Experience Research Intern *(Summer 2012)*
Conducted talk-aloud usability studies and semi-structured interviews with in-person and remote external participants to evaluate Gmail features and explore future directions for design. Reported findings through formal write-ups and presentations to primary stakeholders. Published [C2] from internship study.

Apple, Cupertino, CA

Software Engineer Intern *(Summer 2010) and (Summer 2011)*
Developed iOS features for iWork (Numbers) in Objective-C. Participated in design and software architecture discussions. Presented final project to productivity engineer VP and software engineering team. In summer 2011, obtained second place in the intern iContest and filed a patent for the idea (U.S. Patent #20130194374) [P1].

Georgia Institute of Technology, Atlanta, GA

Graduate Research Assistant *(Aug. 2012 to May 2016)*
Researching user interfaces to inform wellness in the Everyday Computing Lab directed by Dr. Elizabeth Mynatt. In particular, designed, implemented and evaluated a social awareness system for the kitchen to connect people who live alone during mealtime.

Wellesley College, Wellesley, MA

Summer Researcher *(June – Aug. 2009)*
Designed and implemented G-nome browser, an application for the Microsoft Surface to assist molecular biologists in gene exploration tasks. Performed user and task analysis, front-end programming with C# (Microsoft Surface SDK). Advised by Dr. Orit Shaer.

Carnegie Mellon University, Pittsburgh, PA
Distributed Mentor Project (DMP) Participant *(June – Aug. 2008)*
Implemented a visualization of personal carbon footprint savings for the Stepgreen.org website using Adobe Flex. Mentored by Dr. Jennifer Mankoff.

Virginia Tech, Blacksburg, VA
Research Experience for Undergrads (REU) Scholar *(May – July 2007)*
Contributed to ongoing research on distributed educational technologies for classroom collaboration with Dr. Deborah Tatar. Presented results of research at the REU HCI symposium.

Publications

Peer-reviewed Conferences

[C1] **C. Grevet,** E. Gilbert. Piggyback Prototyping: Using Existing, Large-Scale Social Computing Systems To Prototype New Ones. CHI 2015. Seoul, Korea. **[Honorable mention award; top 5% of submissions]** [23% acceptance rate]

[C2] **C. Grevet,** D. Choi, D. Kumar, E. Gilbert. Overload is Overloaded: Email in the Age of Gmail. CHI 2014. Toronto, Canada. [22.8% acceptance rate]

[C3] C. Masden, **C. Grevet,** E. Gilbert, B. Grinter, K. Edwards. Tensions in Scaling-up Community Social Media: A Multi-Neighborhood Study of Nextdoor. CHI 2014. Toronto, Canada. [22.8% acceptance rate]

[C4] **C. Grevet,** L. Terveen, E. Gilbert, Managing Political Differences in Social Media, CSCW 2014. Baltimore, MD. [27% acceptance rate]

[C5] A. G. Parker, I. McClendon, **C. Grevet,** V. Ayo, W. Chung, and E. Mynatt. I am What I Eat: Identity & Critical Thinking in an Online Health Forum for Kids. CHI 2013. Paris, France. [20% acceptance rate]

[C6] **C. Grevet,** T. Tang, and E. Mynatt. Eating Alone, Together: New Forms of Commensality, GROUP 2012. Sanibel, FL.

[C7] L. Mamykina, A. Miller, Y. Medynskiy, **C. Grevet,** Michael Terry, E. D. Mynatt, Examining the Impact of Collaborative Tagging on Sensemaking in Nutrition Management, CHI 2011. Vancouver, Canada. [26% acceptance rate]

[C8] J. Mankoff, S. R. Fussell, T. Dillahunt, R. Glaves, **C. Grevet,** M. Johnson, D. Matthews, H. S. Matthews, R. McGuire, R. Thompson, A. Shick and L. Setlock, Stepgreen.org: Increasing energy saving behaviors via social networks, In Proceedings of ICWSM (AAAI Conference on Weblogs and Social Media) 2010.

[C9] O. Shaer, G. Kol, M. Strait, C. Fan, **C. Grevet,** and S. Elfenbein, G-nome Surfer: a Table-Top Interface for Collaborative Exploration of Genomic Data, CHI 2010. Atlanta, GA. [22% acceptance rate]

[C10] **C. Grevet,** J. Mankoff and S. D. Anderson. Design and Evaluation of a Social Visualization aimed at Encouraging Sustainable Behavior. Hawaii International Conference on Software Systems 2010.

[C11] P. Metaxas, E. Mustafarj and **C. Grevet.** The use of online videos in the 2008 US congressional elections. International Symposium on Social Intelligence and Networking 2009. Vancouver, Canada.

Peer-reviewed Workshops

[W1] I. Li, J. Froehlich, J.E. Larsen, **C. Grevet**, E. Ramirez, Personal Informatics in the Wild: Hacking Habits for Health & Happiness. Extended Abstracts in Proc. CHI 2013. Paris, France.

[W2] **C. Grevet**, T. Tang, and E. Mynatt. Description of a prototype for a social awareness system used during dinner. Workshop on Food and Interaction Design, CHI 2012. Austin, Texas.

[W3] **C. Grevet** and E. Mynatt. Integrated model for multifaceted behavior change. Workshop on Personal Informatics & HCI: Design, Theory, & Social Implications, CHI 2011. Vancouver, Canada.

[W4] P. S. Pyla, **C. Grevet**, M. Tungare, M. Pérez-Quiñones, From Research Hypotheses to Practical Guidelines: A Proposal to Facilitate Researcher Practitioner Interaction. Workshop on Researcher-Practitioner Interaction, CHI 2010. Atlanta, GA.

[W5] **C. Grevet** and J. Mankoff. Motivating Sustainable Behavior through Online Social Visualization. Workshop on Defining the Role of HCI in the Challenges of Sustainability, CHI 2009. Boston, MA.

Doctoral Consortium

C. Grevet, Combating Homophily through Design, CSCW 2013. San Antonio, Texas.

Posters

Managing Political Differences in Social Media. Atlanta Workshop on Computational Social Science 2013, Emory University, Atlanta.

Motivating Sustainable Behaviors with an Online Social Visualization. New England Undergraduate Computing Symposium 2009, Wellesley, MA (also presented at Consortium for Computing Sciences in Colleges   Northeastern Region 2009, Plattsburgh, NY)

Presentations and Panels

C. Grevet, M. K. Strait, O. Shaer, S. Lee, L. Napolitano, D. Xu, S. Wang. "Lessons Learned from the All Female Classroom, and How to Translate into the Coed Environment" Panel at Grace Hopper Conference 2011. Portland, OR.

M. K. Strait, **C. Grevet**, L. Napolitano, F. Lalooses, C. Fan, C. Valdes, M. R. Morris. "What if computer science was not "just" about technology? (Inter)facing the Future from Academia to Industry" Panel at Grace Hopper Conference 2011. Portland, OR.

Patents

[P1] U.S. Patent #20130194374. B. Kieft, C. Grevet, Interactive application sharing. Issued August 2013.

Selected Press

August 2014
The Washington Post: How Facebook and Twitter control what you see about Ferguson
http://www.washingtonpost.com/news/morning-mix/wp/2014/08/19/how-facebook-and-twitter-control-what-you-see-about-ferguson/

January 2014
NBCNews: Will you share your opinion of Obama on Facebook? Only if your friends agree
http://m.nbcnews.com/technology/will-you-share-your-opinion-obama-facebook-only-if-your-2D12006539

January 2014
ArsTechnica: The long-term effects of ugly political discussions on Facebook
http://arstechnica.com/business/2014/01/the-long-term-effects-of-ugly-political-discussions-on-facebook/

Professional Service

Program Committee Member
CHI 2013 Work-in-progress
CHI 2012 Work-in-progress

Reviewer
ICWSM 2016
CSCW 2015, 2014, 2013
CHI 2015, 2014, 2013, 2012
CHI (Work-in-progress) 2014, 2011, 2010
TEI 2012, 2011, 2010
ITS 2011
UIST (Tech Notes) 2010
HICSS 2010

Student Volunteer
CHI 2013
GROUP 2012
Grace Hopper Conference 2010, 2008, 2007

University
School of Interactive Computing Strategic Planning Committee, Georgia Tech
(Oct 2012   April 2013)

Student VP for the School of Interactive Computing, Georgia Tech
(Jan 2011   August 2013)

Co-organizer graduate Georgia Tech women@CC
(Jan 2010   August 2013)

Co-organizer PhD visit weekend 2013, Georgia Tech
Co-organizer PhD visit weekend 2011, Georgia Tech
Co-organizer PhD visit weekend 2010, Georgia Tech