

## Jessica A. Pater

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### Research Interests

My research covers areas of **social media, social computing, HCI, and mental health**. I use qualitative and quantitative approaches to study how social media and other technologies are used by individuals and organizations. I am particularly interested in understanding the impacts of technology on mental health and how to utilize technology to address mental and behavioral health issues at the individual and community health levels. In my research, I draw on a variety of methods including user experience design, real-world deployments, online and offline fieldwork, and traditional qualitative assessments.

My current research involves the measurement and analysis of social computing applications towards characterizing health disclosures online and connecting this to clinical practice. My dissertation work explores the characterization of eating disordered behaviors and the validation of these characterizations with patients who have a clinical diagnosis. My research is motivated by a broader agenda of how to understand the role of technology as it relates to the holistic health of an individual, and connect this knowledge directly back to the individual and other relevant stakeholders. My research spans the areas of HCI, health informatics, public health, and social computing.

**Professional Appointments** **Parkview Health System**  
Parkview Research Center  
*Visiting Research Scientist, 2018-current*

**Georgia Tech Research Institute**  
Socio-Technical Systems Division, Information and Communications Lab  
*Senior Research Scientist, 2007-2018*  
*Deputy Director, Foundations for the Future Program, 2009-2013*

**Research Affiliations** Collaborator, Pervasive Data Ethics for Computational Research (PERVADE) (*2017 - current*)  
Research Faculty, Georgia Tech Institute for People and Technology (*2014 - current*)  
Research Faculty, Georgia Tech Graphics, Visibility, and Usability (GVU) Center (*2011 - current*)  
Research Faculty, Atlanta Pediatric Technology Center (*2015 - current*)  
Research Faculty, Georgia Tech Center for Advanced Communication Policy (*2009-2011*)

**Education** **School of Interactive Computing, Georgia Institute of Technology**  
Ph.D. Candidate Human-Centered Computing  
Chair and Advisor: Elizabeth D. Mynatt  
Committee: Amy Bruckman, Rebecca Grinter, Tammy Toscos, and John Torous  
*Anticipated January 2019*

**Sam Nunn School of International Affairs, Georgia Institute of Technology**  
Advisor: Jennie K. Lincoln  
Master of Science in International Affairs  
*May 2012*

**Sam Nunn School of International Affairs, Georgia Institute of Technology**  
Bachelor of Science in International Affairs  
*December 2006*

- Honors** NSF Smart Health Workshop Travel Award, 2018  
 CSCW Best Paper, 2017 [C15]  
 Special Recognition for Peer Review (CHI 2015, 2016)  
 CSCW Best Paper Honorable Mention, 2016 [C12]  
 GT Foley Scholar, 2015  
 GT Convergence and Innovation Competition Winner (Sexual Assault Transparency App), 2014  
 Pervasive Health Best Paper Award, 2013 [C7]  
 Excellence in Research Journal Award IGI Global [J2], 2011  
 DARPA Red Balloon Challenge, 2nd place, 2009
- Certifications** DoD TOP SECRET (TS) Security Clearance  
 Agency Special Background Investigation (SBI)  
 CITI Training:  
*Social & Behavioral, Clinical Practice, Health Information and Privacy (HIPS), and Biomedical*  
 Department of Defense Training:  
*Social & Behavioral, PII, Information Assurance, HIPAA*
- Rigorously Peer-Reviewed Conference Papers** C.18 **Pater, J.A.**, Lie-Tjauw, S., Gonzalez, M., Kim, M., Isbell, S., Severson, D. (2018). Advancing the Agile Software Process: The case of modernizing the Army Community Services information technology infrastructure. In *Proceedings of the 22nd World Multiconference on Systemics, Cybernetics and Informatics*.
- C.17 **Pater, J.A.**, Owens, S., Farmer, S., Mynatt, E., Fain, B. (2017). Addressing medication adherence technology needs in an aging population. In *Proceedings of the 11th EAI International Conference on Pervasive Computing Technologies for Healthcare* (pp. 58-67). ACM.
- C.16 Chancellor, S., Kalantidis, Y., **Pater, J.A.**, De Choudhury, M., Shamma, D. A. (2017). Multimodal Classification of Moderated Online Pro-Eating Disorder Content. In *Proceedings of the 2017 CHI Conference on Human Factors in Computing Systems* (pp. 3213-3226). ACM.
- C.15 **Pater, J.A.**, Mynatt, E.D. (2017). Defining Digital Self-Harm. In *Proceedings of the 2017 ACM Conference on Computer Supported Cooperative Work and Social Computing* (pp. 1501-1513). ACM. **Best Paper Award**
- C.14 **Pater, J.A.**, Kim, M.K., Mynatt, E.D., Fiesler, C. (2016, November). Characterizations of online harassment: Comparing policies across social media platforms. In *Proceedings of the 19th International Conference on Supporting Group Work* (pp. 369-374). ACM.
- C.13 **Pater, J.A.**, Haimson, O.L., Andalibi, N., Mynatt, E.D. (2016). Hunger Hurts but Starving Works: Characterizing the presentation of eating disorders online. In *Proceedings of the 19th ACM Conference on Computer-Supported Cooperative Work Social Computing* (pp. 1185-1200). ACM.
- C.12 Chancellor, S., **Pater, J.A.**, Clear, T., Gilbert, E., De Choudhury, M. (2016). thyghgapp: Instagram content moderation and lexical variation in pro-eating disorder communities. In *Proceedings of the 19th ACM Conference on Computer-Supported Cooperative Work Social Computing* (pp. 1201-1213). ACM. **Best Paper Honorable Mention**
- C.11 Clawson, J., **Pater, J. A.**, Miller, A. D., Mynatt, E. D., Mamykina, L. (2015). No longer wearing: investigating the abandonment of personal health-tracking technologies on Craigslist. In *Proceedings of the 2015 ACM International Joint Conference on Pervasive and Ubiquitous Computing* (pp. 647-658). ACM.
- C.10 **Pater, J.A.**, Miller, A.D., Mynatt, E.D. (2015). This Digital Life: A Neighborhood-Based Study of Adolescents' Lives Online. In *Proceedings of the 33rd Annual ACM Conference on Human Factors in Computing Systems* (pp. 2305-2314). ACM.

- C.9 **Pater, J.A.**, Boston, T., DiSalvo, M., Demmers, J. (2015). Exploring the Explorers Guild: A case study of a professional learning program. In *Society for Information Technology Teacher Education International Conference* (pp. 2507-2510). Association for the Advancement of Computing in Education (AACE).
- C.8 **Pater, J.A.**, Nadji, Y., Mynatt, E.D., Bruckman, A.S. (2014). Just awful enough: the functional dysfunction of the something awful forums. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (pp. 2407-2410). ACM.
- C.7 Miller, A.D., **Pater, J.A.**, Mynatt, E.D. (2013). Design strategies for youth-focused pervasive social health games. In *Proceedings of the 7th International Conference on Pervasive Computing Technologies for Healthcare*(pp. 9-16). ICST (Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering). **Best Paper Award**
- C.6 Baker, P.M.A., **Bricourt, J.A.**, Pater, J., Moon, N.W. and Coughlan, B. (2011). The Persistence of Participation: Community, Disability, and Social Networks. In *Proceedings of the Annual American Political Science Association Meeting*
- C.5 Baker, P., Fairchildz, A., **Pater, J.A.**, Seavey, A. (2010). Community, Participation and Virtual Spaces: Design Considerations for Inclusivity. In *ECEG 2010-Proceedings of the 10th European Conference on E-Government: National Center for Taxation Studies*. University of Limerick, Ireland 17-18 June 2010 (p. 44). Academic Conferences Limited. Chicago
- C.4 **Pater, J.A.**, Evans, J., Matthews, W. and Mote, C. (2009). Direct to Discovery: Expanding Research Laboratories into K12 Classrooms to Enhance STEM Education. *International Association for Development of the Information Society Conference on Cognition and Exploratory Learning in the Digital Age (CELDA 09)*. IADIS.
- C.3 Evans, J., **Pater, J.A.**, and Matthews, W. (2009). Network Performance Requirements for Innovative Student Learning. *International Association for Development of the Information Society Conference on WWW/Internet*. IADIS.
- C.2 Matthews, W., **Pater, J.A.**, Evans, J., Huff, C. (2009). Direct to Discovery: Learning Beyond the Bandwidth Barrier. In *EdMedia: World Conference on Educational Media and Technology* (pp. 1309-1316). Association for the Advancement of Computing in Education (AACE).
- C.1 **Pater, J.A.**, Huff, C., McMichael, K. (2007). Outta Site! The benefit of an online science and technology newsletter. In *E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education* (pp. 2126-2126). Association for the Advancement of Computing in Education (AACE).

#### Journal Articles

- J.3 Baker, P., Bricout, J., Moon, N., Coughlan, B., (2013). **Pater, J.A.**. Communities of participation: A comparison of disability and aging identified groups on Facebook and LinkedIn. *Telematics and Informatics*. 20(1), 22-34.
- J.2 Forman, A., Baker, P., **Pater, J.A.**, and Smith, K. (2011). Beautiful to me: Identity, disability, and gender in virtual environments. *International Journal of E-Politics* 2, 2 (2011), 117. **Excellence in Resrach Award**
- J.1 Baker, P.M.A., Fairchild, A. and **Pater, J.A.**. (2010). E-Accessibility and Municipal Wi-Fi: Exploring a Model for Inclusivity and Implementation. *International Journal of Information Communication and Human Development*. 2, 2 (2010), 52-66.

#### General Peer Reviewed Conference Papers

- c.11 Pater, J.A., Mynatt, E.D., (2019) Understanding Cultural and Gender Differences of Eating Disordered Behaviors on Social Media. *International Conference on Eating Disorders*. Academy of Eating Disorders.

- c.10 **Pater, J.A.**, and Mynatt, E.D. (2018) Characterizing the Presentation of Eating Disorders Across Social Media Platforms. *International Conference on Eating Disorders*. Academy of Eating Disorders.
- c.9 **Pater, J.A.**, Boston, T., Smee, L., DiSalvo, M. and Demmers, J. (2015). Exploring the Explorers Guild An analysis of a decade of technology-focused teacher professional development. In *Proceedings of the 2015 AACE Conference for the Society for Information Technology and Teacher Educaiton (SITE 2015)*. AACE.
- c.8 Baker, P.M.A., Bricourt, J., Moon, N., **Pater, J.A.**, and Seavy, A. (2011). Social Media, Participation, and E-Accessibility. *Annual National Association of Rehabilitation Research and Training (NARRTC)*.
- c.7 Smee, L., **Pater, J.A.**, and Sheppard, V. (2011). Distance Arts Education: Impacts and Assessments. In *Proceedings of the AACE World Conference on Education, Multimedia, Hypermedia, and Telecommunications*. AACE.
- c.6 Baker, P.M.A. and **Pater, J.A.**. (2011). Social learning, social media, and the aging. *Annual Association of Internet Research (AOIR)*.
- c.5 Baker, P.M.A., Bricourt, J., Moon, N., Coughlan, B. and **Pater, J.A.**. (2010). Ageing of Participation: Community, Work, and Social Networks. In *International Conference on Ageing, Disability, and Independence - ICADI'10*.
- c.4 Baker, P. and **Pater, J.A.**. (2010). The persistence of participation: community representation of disability on Facebook. *Internet Research 11.0 Conference on Sustainability, Participation, and Action*.
- c.3 Baker, P.M.A., Fairchild, A. and **Pater, J.A.**. (2009). Municipal Wi-Fi and e-Accessibility: The Impact of Business Models on Stakeholder Inclusion. *European Conference on Mobile Government [G3] EURO mGOV*.
- c.2 **Pater, J.A.**, DiSalvo, M., Huff, C., Dowling, S. (2008). Its 10:00 Do you know where your child is? A response to the unprecedented growth in cyber crimes against children.*NetSafe Internet Safety Conference*.
- c.1 **Pater, J.A.**, Huff, C., Dowling, S. and DiSalvo, M. (2007). Exploring the Potential and Pitfalls of Second Life Applications for the K12 Classroom. *International Association for Development of the Information Society International Conference on Cognition and Learning in the Digital Age. IADIS*.

**Book Chapters**

- BC.3 Todd, R.L., **Pater, J.A.**, and Baker, P.M.A. (2016). "(In)accessible learning in virtual worlds." *Learning in Virutal Worlds: Research and Applications*. Eds. S. Gregory, M. Lee, B. Dalgarno, and B. Ynan. Athabasca University Press, pp. 87 115.
- BC.2 Baker, P.M.A., Fairchild, A. and **Pater, J.A.** (2012). "E-Accessibility and Municipal Wi-Fi: A Model for Inclusivity and Implementation." *ICTs for Advancing Rural Communities and Human Development: Addressing the Digital Divide*. Ed. S. Chahabra. IGI Global Press, pp. 109124.
- BC.1 Foreman, A.E., Baker, P.M.A., **Pater, J.A.**, and Smith, K. 2011. "The Not So Level Playing Field: Disability Identity and Gender Representation in Second Life". *Gender and Social Computing: Interactions, Differences, and Relationships*. Ed. C. Livermore. IGI Global Press, pp. 144161.

**Federal Reports**

- FR.1 White, J., Baker, P.M.A., Todd, R.L., Moon, N., Fain, B. and **Pater, J.A.** (2011). *The Power of Digital Inclusion: Technologys Impact on Employment and Opportunities for People with Disabilities*. Washington D.C., National Council on Disability, United States.  
<https://www.ncd.gov/publications/2011/Oct042011>

- State Reports**
- SR.3 Hayslett, M., **Pater, J.A.**, Kim, M.. (2009). Georgia Legislative ST Policy Review. Prepared for the Georgia Legislative Roundtable, November 2009.
  - SR.2 Hayslett, M., **Pater, J.A.**, Pechar, E., Tatum, T. (2008). Georgia Legislative ST Policy Review. Prepared for the Georgia Legislative Roundtable, November 2008.
  - SR.1 Hayslett, M., **Pater, J.A.**, Bhatt, M., Hewes, D. (2007). Georgia Legislative ST Policy Review. Prepared for the Georgia Legislative Roundtable, November 2007.
- Invited Workshops**
- IW.5 *NSF Smart Health Workshop*. (2018, September). Student Travel Grant Recipient, National Science Foundation. Washington D.C.
  - IW.4 *Human Computer Interaction Consortium: AI and HCI*. (2018, June). Student Representative (Georgia Tech). Parja Dunes, CA.
  - IW.3 *Workshop on Sociotechnical Interventions for Health Disparity Reduction*. (2018, April). National Computing Community Consortium. New Orleans, LA.
  - IW.2 *Bridging Industry and Academia to Tackle Responsible Research and Privacy Practices*, (2017, November). Future of Privacy Forum and Facebook. New York, NY.
  - IW.1 *Technology to Policy (T2P): Refining the Framework*. (2008, June). Gordon Research Conference; Big Sky, MT. With, Hayslett, M.
- Organized Workshops and Panels**
- W.6 Maestre, J.F., Eikey, E., Warner, M., **Pater, J.A.**, Jacobs, M., Yarosh, S., Marcu, G., Shih, P. (2018). Conducting Research with Stigmatized Populations. In *Proceedings of the 20th ACM Conference on Computer-Supported Cooperative Work Social Computing*. ACM.
  - W.5 Bjorn, P., Fiesler, C., Muller, M., **Pater, J.A.**, Wisniewski, P. (2018). Research Ethics Town Hall Meeting. In *Proceedings of the 2018 ACM Conference on Supporting Groupwork*, pp. 393-396. ACM.
  - W.4 Fiesler, C., Wisniewski, P., **Pater, J.A.**, Andalibi, N. (2016). Ethics and Obligations for Studying Digital Communities. In *Proceedings of the ACM Conference on Supporting Group Work*, pp. 457-460. ACM.
  - W.3 Fiesler, C., **Pater, J.A.**, Hoffmann, A.L., Proferes, N. (2016). Challenges and Futures for Ethical Social Media Research. *10th International AAAI Conference on Web and Social Media*. ICWSM.
  - W.2 **Pater., J.A** and Dowling, S. (2008). Teens Online Strategies for increasing cybersafety awareness and education. *National Education and Computing Conference*. International Society of Technology in Education (ISTE).
  - W.1 **Pater., J.A** and Dowling, S. (2008). Meeting the Cyberthreat Challenge in Schools. *Georgia Educational Technology Conference*.
- Workshop Papers**
- w.17 Pater, J.A. and Mynatt, E.D. (2018). Does my research trigger you? Designing studies for patients with eating disorders. Presented at the *Conducting Research with Stigmatized Populations*. ACM Conference on Computer-Supported Cooperative Work Social Computing. Jersey City, NJ.
  - w.16 **Pater, J.A.** and Mynatt, E.D. (2018). Digital Self-harm: A case study of eating disorders and social media. Presented at the *Symposium on Computing and Mental Health*. ACM Conference on Human Factors in computing Systems. Montreal.
  - w.15 **Pater, J.A.** and Fiesler, C. (2018). Does the Punishment fit the crime? Online harassment policies and the case of self-harm. Presented at the *Workshop on Understanding Bad Actors Online*. ACM Conference on Human Factors in Computing Systems. Montreal.

- w.14 **Pater, J.A.**, Toscos, T., Andalibi, N. and Torous, J. (2017). Interactive System in Mental Behavioral Health. Presented at the *Workshop on Interactive Health Systems* at the AMIA 2017 Annual Symposium. Washington D.C.,
- w.13 **Pater, J.A.**, Gonzalez, M., Isbell, S., Lie-Tjauw, S., Kim, M., and Severson, D. (2017). The Army Family Web Portal and Next Generation of Homefront Readiness. The Society of Federal Health Professionals (AMSUS) Annual Continuing Education Meeting. Washington, D.C.
- w.12 Gonzalez, M., Isbell, S., **Pater, J.A.**, Lie-Tjauw, S., Kim, M., and Severson, D. 2017. Next Generation Homefront Readiness. *Health Systems: The Next Generation 2017*. Atlanta, GA.
- w.11 **Pater, J.A.**, and Mynatt, E.D. (2017). Defining Digital Self-Harm. Presented at the *Workshop on Interactive Systems in Helathcare (WISH)*. ACM Conference on Human Factors in Computing Systems (CHI). Denver, CO.
- w.10 Kim, M., **Pater, J.A.**, Lie-Tjauw, S., Partridge, A., Gonzalez, M., Isbell, S. Exploring the Ethics of Social Work Services in a Closed System. Presented in *Engaging with Users and Stakeholders: The Emotional and the Personal*. International Conference on Supporting Groupwork (GROUP 2016). Sanibel Island Nov 13-16, 2016.
- w.9 Lie-Tjauw, S., **Pater, J.A.**, Kim, M. Partridge, A., Gonzalez, M., Isbell, S. Designing Information Systems to Support Social Work Systems Involving Fatalities. Presented in *Engaging with Users and Stakeholders: The Emotional and the Personal*. International Conference on Supporting Groupwork (GROUP 2016). Sanibel Island Nov 13-16, 2016.
- w.8 **Pater, J.A.**, and Mynatt, E.D. (2016). Connecting Online Presentations of Eating Disorders to Clinically Significant Indicators. Presented at the *Workshop on Interactive Systems in Helathcare (WISH)*. ACM Conference on Human Factors in Computing Systems (CHI). San Jose, CA.
- w.7 **Pater, J.A.**, and Mynatt, E.D. (2015). thinspiration: Exploring the Ethics of Research Focused on Teens, Self-harm, and Social Computing. Presented in *Ethics for Studying Online Sociotechnical Systems in a Big Data World*. ACM Conference for Computer Supported Cooperative Work and Social Computing (CSCW). Vancouver, Canada.
- w.6 Miller, A.D., **Pater, J.A.**, and Mynatt, E.D. (2013). Step Stream: A social fitness intervention for middle school students. Presented at the *Workshop on Interactive Systems in Helathcare (WISH)*. AMIA Annual Symposium. Washington, DC.
- w.5 Boston, T. and **Pater, J.A.**. (2013). Technology-Focused Professional Development in Georgia Schools: A Decade Retrospective. *Georgia Tech STEM Education Research Expo*. Atlanta,GA.
- w.4 Miller, A.D., **Pater, J.A.**, and Mynatt, E.D. (2012). Step Stream: A social fitness intervention for middle school students. Presented at the *Workshop on Interactive Systems in Helathcare (WISH)*. AMIA Annual Symposium. Chicago, IL.
- w.3 **Pater, J.A.**, Boston, T., Smee, L. (2012). Emerging Technologies: What's on the way? *Tech and Learning Technology Forum*. Atlanta, GA.
- w.2 **Pater., J.A.** (2008). Social Networking in the Classroom Risks and Rewards. *International Society for Technology in Education Conference (ISTE)*. San Antonio, TX.
- w.1 Hayslett, M., **Pater, J.A.**. (2007, October). Technology to Policy (T2P). *Atlanta Conference on Science and Technology Policy*. Atlanta, GA.

**Panelist**

- P.3 Quick Bites - Creating the Future. (2017, April). *Anita Borg Institute, Atlanta Chapter*. Atlanta, GA.
- P.2 Community Partnerships that work. (2013, September). *Georgia Department of Education STEM Summit*. Athens, GA.

P.1 Social Media and the Next Generation Workforce: Trends and Issues. (2010, November). *Internet2 Annual Meeting*. Atlanta, GA.

**Informally  
Published  
Work**

I.1 Haimson, O., Andalibi, N. and **Pater, J.A.**. (2016). Ethical Use of Visual Social Media Content in Research Publications. *Australian Human Research Ethics Consultancy Services (AHRECS) Research Ethics Monthly*, December 2016. <https://ahrecs.com/uncategorized/ethical-use-visual-social-media-content-research-publications>.

**Funding**

- F.25 **Army Family Programs Modernization**. *Army/SSDC*, 2015-2020 (\$566,704 Task/ \$28,450,000 Total). Task Lead (PI, Joshua Davis, Co-PIs: Sheila Isbell, Margarita Gonzalez, Daniel Brown).
- F.24 **Project Eng(2)ages - Engaging the Next Generation of Girls at Georgia Tech**. *Georgia Governor's Office of Student Achievement*, 2015-2017 (\$199,108). Co-PI.
- F.23 **DeKalb County Schools Grants Assistance**. *DeKalb County Schools*, 2013-2014 (\$10,042). PI.
- F.22 **Summer Extravaganza Horizons**. *Boys and Girls Club of Atlanta*, 2012-2013 (\$25,000). PI.
- F.21 **Direct to Discovery**. *Arthur Vining Davis Foundation*, 2011-2015 (\$199,950). Co-PI.
- F.20 **Immersive Small Fry To-GO**. *SAIC*, 2011-2012 (\$35,000). PI.
- F.19 **Foundations for the Future Program**. *State of Georgia*, 2011-2012 (\$260,000). Deputy Director/Co-PI.
- F.18 **Health Applications in Virtual Worlds**. *SAIC*, 2010-2011 (\$50,000). PI.
- F.17 **Foundations for the Future Program**. *State of Georgia*, 2010-2011 (\$260,000). Deputy Director/Co-PI.
- F.16 **GT Immersive**. *GTRI Internal Research and Development Grants*, 2010-2011 (\$4,647). PI.
- F.15 **Cybersafety Training**. *DeKalb County Schools*, 2010 (\$12,000). PI.
- F.14 **Technology Evaluations**. *DeKalb County Schools*, 2009 (\$29,023). PI.
- F.13 **Foundations for the Future Program**. *State of Georgia*, 2009-2010 (\$260,000). Deputy Director/Co-PI.
- F.12 **Georgia Tech Virtual**. *GTRI Internal Research and Development Grants*, 2009-2010 (\$168,000). Co-PI.
- F.11 **Direct to Discovery Phase II**. *GTRI Internal Research and Development Grants*, 2009-2010 (\$86,507). PI.
- F.10 **Cybersafety Research Education**. *DeKalb County Schools*, 2008-2013 (\$128,902). PI.
- F.9 **Exploration into Virtual Worlds for K12 Education**. *GTRI Internal Research and Development Grants*, 2008-2009 (\$5,600). PI.
- F.8 **Mobile Social Media**. *GTRI Internal Research and Development Grants*, 2008-2009 (\$24,422). PI.
- F.7 **College of Computing Collaborative Program**. *GTRI Internal Research and Development Grants*, 2008-2009 (\$50,000). PI.
- F.6 **Summer Extravaganza - STEM Camps for Youth**. *DeKalb County Schools*, 2008 (\$26,882). PI.
- F.5 **FTRC Explorers Guild - Professional Development for Teachers**. *DeKalb County Schools*, 2008-2010 (\$90,000). Co-PI.

- F.4 **Family Technology Resources II.** *DeKalb School System*, 2008-2010 (\$97,895). PI.
- F.3 **Family Technology Resources.** *DeKalb School System*, 2008-2013 (\$602,518). PI.
- F.2 **Direct to Discovery.** *GTRI Internal Research and Development Grants*, 2007-2008 (\$31,976). PI.
- F.1 **Visualization and Scientific Analysis via Virtual Immersion (VISA-VI).** *GTRI Internal Research and Development Grants*, 2007-2008 (\$150,000). Co-PI.

## Teaching

*Instructor - Continuing Education Classes*

**Cybersafety Leadership Course**, DeKalb County Schools Professional Learning Program

- Summer 2010, 42 students
- Summer 2009, 37 students
- Spring 2009, 22 students

**Foundations of Cybersafety**, Internet Crimes Against Children Task Force - Georgia Bureau of Investigation

- Spring 2010, 17 students
- Spring 2010, 34 students
- Spring 2010, 37 students

**Explorers Guild Professional Learning Program**, Foundations for the Future Program, GTRI.

- Cybersafety - Current Issues and Trends. September (2010-2014), February 2011.
- Modeling Simulation tools for Math and Science Classrooms. November 2009.
- Technology Trends in K12. August 2009.
- Virtual Learning - Exploring and Building Educational Spaces. February 2009.
- Wikis and Blogs in the classroom. November 2007.
- Social Networking in the Classroom. August 2007.
- Personal Computer Safety. March 2007.
- Finding, Extracting, and Using Digital Resources in the Classroom. August 2006.

**GTRI K12 Grant Writing Course**, Foundations for the Future Program, GTRI. Co-Lecturer Curriculum Developer. 2007-2013.

*Teaching Assistant*

**CS 7455**, Issues in Human centered Computing, Georgia Tech. Instructor: Elizabeth D. Mynatt, Spring 2018

**CS 4001**, Society and Computing, Georgia Tech. Instructor: Rebecca Grinter, Spring 2015

**INTA 4901/8901**, OPAR Internship, Georgia Tech. Instructor, Marlit Hayslett. Fall 2007, Spring 2008, Fall 2008, Spring 2009, Fall 2009.

*Guest Lectures*

**Online Communities**, Georgia Tech, Instructor: Amy Bruckman, Spring 2016

## Invited Talks

- T.16 *Youth Online - Where they may go, what they may do, and how this may impact mental and behavioral health.* **Parview Health's Teens Screens: Discussion on the Impact Technology can have on Youth Mental Health.** Fort Wayne, IN. October 2018.
- T.15 *Exploring Digital Self-Harm.* **2018 Consumer Health Informatics in the Midwest Workshop.** Fort Wayne, IN. February 2018.
- T.14 *Characterizing Eating Disorders Online.* **Parkview Research Center.** Fort Wayne, IN. January 2017.
- T.13 *Defining Digital Self-Harm.* **IUPUI School of Informatics and Computing Colloquia Series.** Indianapolis, IN. January 2017

- T.12 *Foley Scholar Research Overview - Characterizing Eating Disorders Online*. **Georgia Tech GVU Center Seminar Series**. Atlanta, GA. March 2016.
- T.11 *Creating STEM Community Programs*. **Georgia Department of Education Engineering and technology Educators Conference**. Atlanta, GA. October 2015.
- T.10 *Community Partnerships that Work*. **Georgia Department of Education STEM Summit**. Athens, GA. September 2014.
- T.9 *New Social Media Trends - What Kids are Actually Doing with Technology*. **West Georgia RESA Technology Summit**. Peachtree City, GA. September 2013
- T.8 *Cybersafety Overview*. **Technology & Learning Tech Forum Atlanta**. Marietta, GA. May 2013.
- T.7 *The World of Wikis*. **Georgia Schools Public Relations Association Conference**. Atlanta, GA. May 2011
- T.6 *Social Media and Schools - An Overview*. **DeKalb Leadership Conference**. Stone Mountain, GA. July 2010.
- T.5 *Social Media and the Next Generation Workforce: Trends and Issues*. **Georgia Digital Government Summit**. Atlanta, GA. July 2010
- T.4 *Virtual Worlds and Education - Risks and Opportunities*. **European 3D Internet and Virtual Worlds Conference (MetaMeets)**. Dublin, Ireland. May 2010.
- T.3 *Social Media 101*. **Georgia Schools Public Relations Association Conference**. Atlanta, GA. May 2009.
- T.2 *Grant Opportunities and Partnerships*. **U.S. Representative Phil Gingrey's Federal Grants Supermarket**. Marietta, GA. September 2009.
- T.1 *Grants and Community Partnerships*. **Intel Hurricane Leadership Program**. Atlanta, GA. August 2008.

## **Professional Service**

### **Graduate Research Assistants**

- Venkat Tondehal, Georgia Tech, MS Computer Science (2017)
- Kate Godwin, Georgia Tech, MS International Affairs (2008)
- Denise Hewes, Georgia Tech, MS Mechanical Engineering (2008)
- Trum Haskell, Georgia Tech, MS International Affairs (2008)
- Moon Kim, Georgia Tech, MS International Affairs (2008)
- Alexandra Shema, Georgia Tech, MS International Affairs (2008)

### **Undergraduate Research Assistants**

- Anjana Balamourougan, Georgia Tech, Computer Science (2018)
- Yanglin Huang, Georgia Tech, Computer Science (2016)
- Avanti Joshi, Georgia Tech, Computer Science (2016)
- Venkat Tondehal, Georgia Tech, Computer Science (2016)
- Erika Penk, SCAD, Digital media (2011)<https://www.overleaf.com/project/5b364e49bda8cb4d55ab3b48>
- Aaron Sumsy, Georgia Tech, Computer Science (2011)
- Ryan Evans, Southern Polytechnic, Engineering (2009-2011)
- Michael Riley, Georgia Tech, Computer Science (2009-2011)
- Michael Lorenzana, Georgia Tech, Mechanical Engineering (2009-2010)
- Ashley Ahrens, Georgia Tech, Biomedical Engineering (2009)
- Mayson Callaway, Georgia Tech, Digital media (2009)
- Edward Esser, Georgia Tech, International Affairs (2009)
- Elizabeth McGinley, Georgia Tech, International Affairs (2009)
- Kevin Plattenburg, Duke University, Engineering (2009)

### Professional Societies

- ACM
- IEEE
- AED
- MAAGP *Secretary, 2007-2009*

### Program Committees

- ACM OzCHI, 2018
- ACM CHI Late Breaking Work, 2017

### Academic Service

- Representative, GT Faculty Senate (2016-2018)
- School Advisory Committee, Interactive Computing (2016-2018)
- Judge, Convergence and Innovation Competition (2016-2018)
- Fewvie
- Judge, Georgia Tech Undergraduate Research Spring Symposium (UROPS), 2014-2018
- Member, Information and Communications Lab Director's Council (2008-2010)
- Founding Member, Georgia Cybersafety Initiative (2008-2013)

### Conference Reviewing

- ACM CHI, 2012-2019
- ACM CSCW, 2013-2019
- ACM DIS, 2017-2018
- ACM OzCHI, 2018
- AACE SITE, 2013-2015

### Journal Reviewing

- International Journal of E-Politics International Journal of Human-Computer Studies
- International Journal of Information Communication and Implementation
- Open Psychology Journal
- Social Media + Society

### Public Outreach (selected)

#### Invited Talks

- O.12 *Career Paths in Computing*. Girls' Adventures in STEM, Atlanta Science Festival. Marietta, GA. March 24, 2015.
- O.11 *Social media use and families*. Eberwhite School. Ann Arbor, MI. Jan 18, 2017.
- O.10 *Family centered approaches to managing technology and social media*. Parent Education Series. Chelsea, MI. Nov 20, 2016.
- O.9 *Families and Technology*. Temple Beth Emeth Parent Education Workshop. Ann Arbor, MI. Oct 22, 2016.
- O.8 *Social Media and Adolescents*. Ann Arbor Public School District Counseling Parent Presentation. Ann Arbor, MI. Sep 15, 2016.
- O.7 *Social Media and your Child*. Ann Arbor First Congregational Church. Ann Arbor, MI. Feb 7, 2016.
- O.6 *Adults, Technology, and Social Media*. Partners Against Domestic Violence Summit. Atlanta, GA. Feb 19, 2011.  
*Privacy and Identity Online*. Lovett Upper School Panel. Oct 7, 2010.
- O.4 *Social Networks and Privacy*. The Lovett School Parent Group. Atlanta, GA. Jan 20, 2010.
- O.3 *Social Networks, the Internet, and Computing*. Atlanta Girls School. Atlanta, GA. Mar 25, 2009.

- O.2 *Creating Cybersafe and Cybersecure Communities*. Parents as Academic Partners Center, Atlanta Public Schools. Atlanta, GA. April 24, 2009.
- O.1 *Cybersafety Strategies for Youth*. Austin Elementary School. Dunwoody, GA. April 1, 2009.

### Media Coverage

- M.6 Select coverage of [C12]:  
Louise Matsakis [How Pro-Eating Disorder Posts Evade Filters on Social Media](#). *Wired*. June 13, 2018.  
Marisa Kabas [Pro-eating disorder communities modify hashtag terms to perpetuate the movement](#). *The Daily Dot*. March 11, 2016.  
Doub Bolton [Instagram's banning of pro-anorexia content may have made the problem worse, scientists find](#). *The Independent*. March 10, 2016.  
Esther Inglis-Arkell [This Is What Happened When Instagram Banned Certain Pro-Anorexia Words](#); *Gizmodo*. March 9, 2016.
- M.5 [Stephane Stephens Building Capacity using Humans!](#). *Getting Smart*. July 5, 2014.
- M.4 Select coverage of [BC3]:  
David Kariuki. [Book: Virtual Worlds can help learning](#). *Hypergrid Business*. June 18, 2016.
- M.3 Jon C. Tang et al. [Reflecting on the DARPA Red Balloon Challenge](#). *Communications of the ACM*. April 2011.
- M.2 Rick Robinson. [Serious Gaming: Entertainment Technology Yields Results for Research Ranging from Defense to K-12 Education](#). *Georgia Tech Research Horizons*. August 3, 2010.
- M.1 Select coverage associated with [C2-C4]  
John Kennedy. [Georgia Tech beams HD science lessons to Irish Schools](#). *Silicon Republic*. November 3, 2010.  
David Beasley. [Rural Irish High School Connects with Georgia Tech](#). *Global Atlanta*. November 11, 2009.  
Taoiseach, Mr. Brian Cowen, T.D. [Speech: Launch of D2D Project between Killina Presentation School, Georgia Tech Research Institute, Atlantic Corridor, and NIS Rahan](#). *Department of the Taoiseach/Prime Minister*. September 6, 2010.