# Jessica A. Pater, PhD

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| **Contact** | Parkview Research Center<br>10622 Parkview Plaza Dr<br>Fort Wayne, IN 46845 | 470.774.9681<br>jesspater@gmail.com<br>www.jesspater.com |

**Research Interests**  health informatics, social computing, mental health, HCI, CSCW, and technology transfer

**Professional Appointments**

**Parkview Research Center**
Health Services and Informatics
*Manager, 2020-current*
*Research Scientist, 2018-current*

**Georgia Tech Research Institute**
Socio-Technical Systems Division, Information and Communications Lab
*Senior Research Scientist, 2017-2018*
*Research Scientist II, 2010-2017*
*Research Scientist I, 2006-2010*

**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 *(2011-2020)*
Research Faculty, Atlanta Pediatric Technology Center *(2015-2018)*
Research Faculty, Georgia Tech Center for Advanced Communication Policy *(2009-2011)*

**Education**

**School of Interactive Computing, Georgia Institute of Technology**
Ph.D. Human-Centered Computing
*Digital Self-harm: Implications of Eating Disordered Behaviors Online*
Chair and Advisor: Elizabeth D. Mynatt
Committee: Amy Bruckman, Rebecca Grinter, Tammy Toscos, and John Torous
*August 2020*

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

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

**Awards**

GT College of Computing Dissertation Award, 2021
iSchool Dissertation Award Winner, 2021
NSF Smart Health Workshop Travel Award, 2018
CSCW Best Paper, 2017 [C15]
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

GTRI Director's Council, 2010-12
DARPA Red Balloon Challenge, 2nd place, 2009

**Certifications**   DoD TOP SECRET (TS) Security Clearance
Agency Special Background Investigation (SBI)
CITI - Social & Behavioral, Clinical Practice, Health Information and Privacy (HIPS)
EPIC (Ambulatory, IP Nurse)

**Funding**   Total external funding received (PI & Task Lead): $4,656,268.

F.35 **Healthy Digital Habits in Parents of Infants**. *National Institute of Nursing Research, National Institutes of Health*, 2021 ($322,000). Co-PI (PI Brandon McDaniel).

F.34 **Building Resources to Inform Familes Using Digital Guidance and Education** . *Michael A. Mirro Neuroscience Fund*, 2021 ($50,000). PI (Co-PI Tammy Toscos).

F.33 **Exploring Chronic COVID-19 Symptoms**. *Parkview Foundaion*, 2021 ($100,000). PI (Co-PI Shion Guha).

F.32 **Spatio-temporal Predictive Modeling for Placement of Opioid Treatment Facilities in Indiana.** *Biocrossroads*, 2020 ($15,000). PI (Co-PI Shion Guha).

F.31 **Integrating behavioral health into primary care.** *The Lutheran Foundation*, 2018-2020 ($20,000 *task*; $100,000 *Total*). Task Lead (PI Connie Kerrigan).

F.30 **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.29 **DT-15-1179 ASD(R&E)** *AIR FORCE/OFFUTT/NE*, 2016-2018 ($450,000 *Task*/$3,800,000 *Total*. Task Lead (PI, Stephen Moulton, Co-PI, Larry Kimm).

F.28 **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.27 **DeKalb County Schools Grants Assistance**. *Dekalb County Schools*, 2013-2014 ($10,042). PI.

F.26 **Summer Extravaganza Horizons**. *Boys and Girls Club of Atlanta*, 2012-2013 ($25,000). PI.

F.25 **Direct to Discovery**. *Arthur Vining Davis Foundation*, 2011-2015 ($199,950). Co-PI.

F.24 **Virtual STEM Education**. *SAIC*, 2011-2012 ($35,000). PI.

F.23 **Foundations for the Future Program**. *State of Georgia*, 2011-2012 ($260,000). Deputy Director/Co-PI.

F.22 **Health Applications in Virtual Worlds**. *SAIC*, 2010-2011 ($50,000). PI.

F.21 **Foundations for the Future Program**. *State of Georgia*, 2010-2011 ($260,000). Deputy Director/Co-PI.

F.20 **University System of GA PPSP**. *Georgia Board of Regents*, 2010 ($10,000). PI

F.19 **The Prospect of Digital**. *National Council on Disability*, 2009-2011 ($15,092 *Task*/$150,000 *Total*. Task Lead (PI, James White).

F.18 **GT Immersive**. *GTRI Internal Research and Development Grants*, 2010-2011 ($4,647). PI.

F.17 **Cybersafety Training**. *DeKalb County Schools*, 2010 ($12,000). PI.

F.16 **Technology Evaluations**. *DeKalb County Schools*, 2009 ($29,023). PI.

F.15 **Foundations for the Future Program**. *State of Georgia*, 2009-2010 ($260,000). Deputy Director/Co-PI.

F.14 **Georgia Tech Virtual**. *GTRI Internal Research and Development Grants*, 2009-2010 ($168,000). Co-PI.

F.13 **Direct to Discovery Phase II**. *GTRI Internal Research and Development Grants*, 2009-2010 ($86,507). PI.

F.12 **Cybersafety Research & Education**. *DeKalb County Schools*, 2008-2013 ($128,902). PI.

F.11 **Exploration into Virtual Worlds for K12 Education**. *GTRI Internal Research and Development Grants*, 2008-2009 ($5,600). PI.

F.10 **Mobile Social Media**. *GTRI Internal Research and Development Grants*, 2008-2009 ($24,422). PI.

F.9 **College of Computing Collaborative Program**. *GTRI Internal Research and Development Grants*, 2008-2009 ($50,000). PI.

F.8 **Foundations for the Future Program**. *State of Georgia*, 2008-2009 ($55,000 *Task*/$260,000 *Total*. Task Lead (PI, Claudia Huff).

F.7 **Summer Extravaganza - STEM Camps for Youth**. *DeKalb County Schools*, 2008 ($26,882). PI.

F.6 **FTRC Explorers Guild - Professional Development for Teachers**. *DeKalb County Schools*, 2008-2010 ($90,000). Co-PI.

F.5 **Family Technology Resources II**. *DeKalb School System*, 2008-2010 ($97,895). PI.

F.4 **Family Technology Resources**. *DeKalb School System*, 2008-2013 ($602,518). PI.

F.3 **Direct to Discovery**. *GTRI Internal Research and Development Grants*, 2007-2008 ($31,976). PI.

F.2 **Foundations for the Future Program**. *State of Georgia*, 2008-2009 ($55,000 *Task*/$260,000 *Total*. Task Lead (PI, Claudia Huff).

F.1 **Visualization and Scientific Analysis via Virtual Immersion (VISA-VI)**. *GTRI Internal Research and Development Grants*, 2007-2008 ($150,000). Co-PI.

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**Journal Articles**

J.8 Drouin, M., McDaniel, B., **Pater**, J., and Toscos, T. (2020). How parents and their children used social media and technology at the beginning of the COVID-19 pandemic and associations with anxiety. Cyberpsychology, Behavior, and Social Networking. 23(11), 727-736. https://doi.org/10.1089/cyber.2020.0284

J.7 Toscos, T., Drouin, M., **Pater, J.A.**, Flanagan, M., Wagner, S., Coupe, A, Ahmed, R., Mirro, M.J. (2020). Medication adherence for atrial fibrillation patients: triangulating measures from a smart pill bottle, e-prescribing software, and patient communication through the electronic health record. *JAMIA Open*. 3(2), July 2020, 233-242. https://doi.org/10.1093/jamiaopen/ooaa007.

J.6 Kardys, K., Pfafman, R., Kerrigan, C., Reining, L., Drouin, M. Toscos, T., and **Pater, J.A.** (2020). Cyberbullying: Determining the Prevalence and Impact of Bullying and Cyberbullying as a Contributing Factor in Patients Who Have Been Admitted Into an Inpatients Facility. *Journal of the American Psychiatric Nurses Association*. 26(3), 311-313.

J.5 **Pater, J.A.**, Farrington, B., Brown, Alycia, Reining, L., Toscos,T., and Mynatt, E.D. (2019). Exploring Indicators of Digital Self-Harm with Eating Disorder Patients: A Case Study. Proc. ACM Hum.-Comput. Interact. 3, CSCW, Article 84 (November 2019), 26 pages. https://doi.org/10.1145/3359186

J.4 Toscos, T., Drouin, M., **Pater, J.A.**, Flanagan, M., Pfafman, R., Mirro, M. (2019). Selection Biases in Technology-based Intervention Research: Patients' Technology Use Relates to Both Demographic and Health-related Inequities. *J*ournal of the American Medical Informatics Association. 26(8-9), 835-839. https://doi.org/10.1093/jamia/ocz058

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. *T*elematics and Informatics. 20(1), 22-34. https://doi.org/10.1016/j.tele.2012.03.004

J.2 Forman, A., Baker, P., **Pater, J.A.**, and Smith, K. (2011). Beautiful to me: Identity, disability, and gender in virtual environments. *I*nternational Journal of E-Politics 2, 2 (2011), 1–17. https://www.doin.org/10.4018/jep.2011040101
Excellence in Research 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. *I*nternational Journal of Information Communication and Human Development. 2, 2 (2010), 52-66.https://www.doi.org/10.4018/978-1-4666-0047-8.ch00810.4018/978-1-4666-0047-8.ch008

**Book Chapters**

BC.3 Todd, R.L., **Pater, J.A.**, and Baker, P.M.A. (2016). ''(In)accessible learning in virtual worlds.'' Learning in Virtual 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. 109–124.

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. 144–161.

**Rigorously Peer-Reviewed Conference Papers**

C.22 **Pater, J.A.**, Cornet, V., Ahmed R., Colletta, S., Phelan ,C., Hess, E., Kerrigan, C., Toscos, T. (2021). User-Centered Design of a Mobile App to Support Peer Recovery in a Clinical Setting.Proc. ACM Hum.-Comput. Interact.5, CSCW1, Article 112 (April 2021), 31 pages. DOI: 10.1145/34491861

C.21 **Pater, J.A.**, Pfafman, R., Coupe, A., Phelan, C., Toscos, T., and Jacobs, M. (2021). Standardizing Reporting of Participant Compensation in HCI: A Systematic Literature Review and Recommendations for the Field. In *CHI Conference on Human Factors in Computing Systems (CHI '21)*. May 8–13, 2021, Yokohama, Japan. ACM, New York, NY, USA, 24 pages.
DOI: 10.1145/3411764.3445734.

C.20 **Pater, J.A.**, Nova, F.F., Coupe, A., Reining, L., Kerrigan, C., Toscos, T., and Mynatt, E.D. (2021). Charting the Unknown: Challenges in the Clinical Assessment of Patients' Technology Use Related to Eating Disorders. In *CHI Conference on Human Factors in Computing Systems (CHI'21)*. May 8–13, 2021, Yokohama, Japan. ACM, New York, NY, USA, 23 pages.
DOI: 10.1145/3411764.3445289

C.19 **Pater, J.A.**, Coupe, A., Miller, A.D., Reining, L., Drouin, M. and Toscos, T. (2020). Design Opportunities and Challenges for App-Based Telemental Health Technologies for Teens and Young Adults. In Proceedings of the 14th EAI International Conference on Pervasive Computing Technologies for Healthcare (PervasiveHealth '20). Association for Computing Machinery, New York, NY, USA, 188–200. DOI:https:10.1145/3421937.3422016

C.18 **Pater, J.A.**, Reining, L., Miller, A.D., Toscos, T. and Mynatt, E.D. (2019). "Notjustgirls": Exploring male-related eating disordered content across social media platforms. In *Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems*. ACM.Paper 651, 1–13.
DOI: 10.1145/3290605.3300881

C.17 **Pater, J.A.**, Lie-Tjauw, S., Gonzalez, M., Kim, M., Isbell, S., and Severson, D. (2018). Advancing the Agile Software Process: The case of modernizing the Army Community Service's information technology infrastructure. In *Proceedings of the 22nd World Multiconference on Systemics, Cybernetics and Informatics* (1-15).

C.16 **Pater, J.A.**, Owens, S., Farmer, S., Mynatt, E., and 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* (58-67). ACM. DOI:10.1145/3154862.3154872.

C.15 Chancellor, S., Kalantidis, Y., **Pater, J.A.**, De Choudhury, M., and Shamma, D. A. (2017). Multi-modal Classification of Moderated Online Pro-Eating Disorder Content. In *Proceedings of the 2017 CHI Conference on Human Factors in Computing Systems* (3213-3226).ACM. DOI: 10.1145/3025453.302598.

C.14 **Pater, J.A.** and Mynatt, E.D. (2017). Defining Digital Self-Harm. *In* Proceedings of the 2017 ACM Conference on Computer Supported Cooperative Work and Social Computing (1501-1513). ACM. DOI: 10.1145/2998181.2998224
Best Paper Award

C.13 **Pater, J.A.**, Kim, M.K., Mynatt, E.D., and Fiesler, C. (2016). Characterizations of online harassment: Comparing policies across social media platforms. In *Proceedings of the 19th International Conference on Supporting Group Work* (369-374). ACM. https://doi.org/10.1145/2957276.2957297.

C.12 **Pater, J.A.**, Haimson, O.L., Andalibi, N., and 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 and Social Computing* (1185-1200). ACM. DOI: 10.1145/2818048.2820030.

C.11 Chancellor, S., **Pater, J.A.**, Clear, T., Gilbert, E., and 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 and Social Computing* (1201-1213). ACM. https://doi.org/10.1145/2818048.2819963.
Best Paper Honorable Mention

C.10 Clawson, J., **Pater, J. A.**, Miller, A. D., Mynatt, E. D., and 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* (647-658). ACM. https://doi.org/10.1145/2750858.2807554.

C.9 **Pater, J.A.**, Miller, A.D., and 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* (2305-2314). ACM. https://doi.org/10.1145/2702123.2702534.

C.8 **Pater, J.A.**, Boston, T., DiSalvo, M., and Demmers, J. (2015). Exploring the Explorers Guild: A case study of a professional learning program. In *Society for Information Technology and Teacher Education International Conference* (2507-2510). Association for the Advancement of Computing in Education (AACE).

C.7 **Pater, J.A.**, Nadji, Y., Mynatt, E.D., and 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* (2407-2410). ACM. https://doi.org/10.1145/2556288.2557193.

C.6 Miller, A.D., **Pater, J.A.**, and 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* (9-16). Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering. https://doi.org/10.4108/icst.pervasivehealth.2013.252081
Best Paper Award

C.5 Baker, P., Fairchild, A., **Pater, J.A.**, and Seavey, A. (2010). Community, Participation and Virtual Spaces: Design Considerations for lnclusivity. In *E*CEG 2010-Proceedings of the 10th European Conference on E-Government: National Center for Taxation Studies. University of Limerick, Ireland 17-18 June 2010 (p. 44-52). 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. *I*nternational Association for Development of the Information Society Conference on Cognition and Exploratory Learning in the Digital Age (CELDA '09) (531-533). IADIS.

C.3 Evans, J., **Pater, J.A.**, and Matthews, W. (2009). Network Performance Requirements for Innovative Student Learning. *I*nternational Association for Development of the Information Society Conference on WWW/Internet (62-66). IADIS.

C.2 Matthews, W., **Pater, J.A.**, Evans, J., and Huff, C. (2009). Direct to Discovery: Learning Beyond the Bandwidth Barrier. In *E*dMedia: World Conference on Educational Media and Technology (1309-1316). Association for the Advancement of Computing in Education (AACE).

C.1 **Pater, J.A.**, Huff, C., and 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 (2126-2126). Association for the Advancement of Computing in Education (AACE).

**General Peer Reviewed Conference Papers**

c.14 **Pater, J.A.**, Pfafman, R. Reining, L., Drouin, M, Kerrigan, C., Kardys, K. (2019). Connecting ACEs to in-patient behavioral health treatment associated with bullying/cyberbullying. *American Public Health Association* (APHA). November 2019, Philadelphia, PA, USA.

c.13 Kardys, K., **Pater, J.A.**, Pfafman, R., Reining, L., Drouin, M., Kerrigan, C. (2019). Determining the Prevalence and Impact of Bullying/cyberbullying as a Contributing Factor to Patients Admitted into an Inpatient Facility. *American Psyciatric Nurses Association Annual Meeting* (APNA). October 2019, New Orleans, LA, USA.

c.12 **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. March 2019, New York, NY, USA.

c.11 **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. April 2018, Chicago, IL, USA.

c.10 **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 *P*roceedings of the 2015 AACE Conference for the Society for Information Technology and Teacher Education (SITE 2015). March 2015, Las Vegas, NV, USA.

c.9 Baker, P.M.A., Bricourt, J., Moon, N., **Pater, J.A.**, and Seavy, A. (2011). Social Media, Participation, and E-Accessibility. *A*nnual National Association of Rehabilitation Research and Training (NARRTC). April 2011. Washington, D.C., USA.

c.8 Smee, L., **Pater, J.A.**, and Sheppard, V. (2011). Distance Arts Education: Impacts and Assessments. In *P*roceedings of the AACE World Conference on Education, Multimedia, Hypermedia, and Telecommunications. AACE.

c.7 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 *P*roceedings of the Annual American Political Science Association Meeting. September 2011. Seattle, WA, USA.

c.6 Baker, P.M.A. and **Pater, J.A.**. (2011). Social learning, social media, and the aging. *A*nnual Association of Internet Research (AOIR). October 2011. Seattle, WA, USA.

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 *I*nternational 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. *I*nternet 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. *E*uropean Conference on Mobile Government – [G3] EURO mGOV.

c.2 **Pater, J.A.**, DiSalvo, M., Huff, C., Dowling, S. (2008). It's 10:00 – Do you know where your child is? A response to the unprecedented growth in cyber crimes against children.*N*etSafe 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. *I*nternational Association for Development of the Information Society International Conference on Cognition and Learning in the Digital Age (456-458). IADIS.

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| **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: Technology's 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 Science and Technology Policy Review. Prepared for the Georgia Legislative Roundtable, November 2009. |
| | SR.2 Hayslett, M., **Pater, J.A.**, Pechar, E., Tatum, T. (2008). Georgia Legislative Science and Technology T Policy Review. Prepared for the Georgia Legislative Roundtable, November 2008. |
| | SR.1 Hayslett, M., **Pater, J.A.**, Bhatt, M., Hewes, D. (2007). Georgia Legislative Science and Technology Policy Review. Prepared for the Georgia Legislative Roundtable, November 2007. |
| **Invited Panelist** | P.6 Understanding the Intervention Landscape: Clinical and Medical Perspectives. *Workshop on Computational Support for Substance Use Disorder, Prevention, Detection, Treatment, and Recovery.* (2019, November). National Computing Community Consortium. Washington D.C. |
| | P.5 Community Inspired Innovations in Mental Health. *10th Annual Drug Abuse Symposium.* (2019, October). Indiana State Office of the Attorney General. Indianapolis, IN. |
| | P.4 Quick Bites - Creating the Future. (2017, April). *Anita Borg Institute, Atlanta Chapter.* Atlanta, GA. |
| | P.3 Community Partnerships that work. (2013, September). *Georgia Department of Education STEM Summit.* Athens, GA. |
| | P.2 Social Media and the Next Generation Workforce: Trends and Issues. (2010, November). *Internet2 Annual Meeting.* Atlanta, GA. |
| | P.1 The Future of Virtual Worlds. (2010, May) *Metameets: European 3D Internet Developer and Community Conference.* Dublin, Ireland |

| **Invited Workshops** | IW.6 | *Workshop on Computational Support for Substance Use Disorder, Prevention, Detection, Treatment, and Recovery.* (2019, November). National Computing Community Consortium. Washington D.C. |
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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 Socio-technical 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.

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**Organized Workshops and Panels**

W.8 **Pater, J.A.**, Nobles, A., Gilbert, S., Zimmer, M., and Fiesler, C. (2020, May). Data is People: New Challenges and Tensions in Social Media Research. 14TH International Conference on Web and Social Media (ICWSM). AAAI.

W.7 **Pater, J.A.**, Badillo-Urquiola, K., Wisniewski, P., LaLone, N., & Jacobs, M. (2020, January). GROUP4Good: Exploring Positive Impacts of GROUP Research. In Companion of the 2020 ACM International Conference on Supporting Group Work (pp. 147-150). ACM.

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.*

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**Workshop Papers**

w.18 Phelan, C. and **Pater, J.A.** (2019). Case Study: Conducting Qualitative Research with Substance Abuse Populations. Presented at the *Qualitative Research Methods for CSCW: Challenges and Opportunities.* ACM Computer Supported and Cooperative Work and Social Computing Conference. Austin, TX

w.18 **Pater, J.A.** and Mynatt, E.D. (2019). Best Practices for Qualitative Data collection with a Vulnerable Patient Population. Presented at the *Qualitative Research Methods for CSCW: Challenges and Opportunities.* ACM Computer Supported and Cooperative Work and Social Computing Conference. Austin, TX

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 Healthcare (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 *Ethics and Obligations*. 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 Healthcare (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 Socio-technical 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 Healthcare (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 Healthcare (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.

<table>
<tr><td>**Invited Talks**</td><td>

T.22 Hyperlocal Modeling of COVID-19 at Parkview. *Parkview Research and Innovation Symposium*. (2021, March). Parkview Health.

T.21 Information Support for Parents of Kids Online – Tools and Best Practices. *Summer Learning Institute*. (2020, July). Atlanta Public Schools.

T.120 Principles of Digital Citizenship. *Summer Learning Institute*. (2020, June). Atlanta Public Schools.

T.19 Development of an SEIRR Model for localized COVID-19 Surge. *Indiana Pandemic Information Collaborative* (2020, May)

T.18 Understanding COVID-19 Modeling in Indiana. *IHA Clinical Webinar Series*. (2020, April). Indiana Hospital Association.

T.17 Screenagers. Invited to serve on expert panel and discussed issues with technology and children/teenagers with audience of parents. (2020, February) Fort Wayne, IN.

T.16 *Youth Online - Where they may go, what they may do, and how this may impact mental and behavioral health*. **Parkview Health's Teens and Screens: Discussion on the Impact Technology can have on Youth Mental Health**. Fort Wayne, IN. October 2018.

T.15 *Vulnerability in Human Connection*. Invited to serve on an expert panel and discussed how technologies amplify and disrupt relationships. (2019, October). Annual Hobnobben Film Festival. Fort Wayne, IN.

T.14 *Exploring Digital Self-Harm*. **2018 Consumer Health Informatics in the Midwest Workshop**. Fort Wayne, IN. February 2018.

T.13 *Characterizing Eating Disorders Online*. **Parkview Research Center**. Fort Wayne, IN. January 2017.

T.12 *Defining Digital Self-Harm*. **IUPUI School of Informatics and Computing Colloquia Series**. Indianapolis, IN. January 2017

T.11 *Foley Scholar Research Overview - Characterizing Eating Disorders Online*. **Georgia Tech GVU Center Seminar Series**. Atlanta, GA. March 2016.

T.10 *Creating STEM Community Programs*. **Georgia Department of Education Engineering and technology Educators Conference**. Atlanta, GA. October 2015.

T.9 *Community Partnerships that Work*. **Georgia Department of Education STEM Summit**. Athens, GA. September 2014.

T.8 *New Social Media Trends - What Kids are Actually Doing with Technology*. **West Georgia RESA Technology Summit**. Peachtree City, GA. September 2013

T.7 *Cybersafety Overview*. **Technology & Learning Tech Forum Atlanta**. Marietta, GA. May 2013.

T.6 *The World of Wikis*. **Georgia Schools Public Relations Association Conference**. Atlanta, GA. May 2011

T.5 *Social Media and Schools - An Overview*. **DeKalb Leadership Conference**. Stone Mountain, GA. July 2010.

T.4 *Social Media and the Next Generation Workforce: Trends and Issues*. **Georgia Digital Government Summit**. Atlanta, GA. July 2010

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**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.

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|---|---|
| **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. . |

**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
• Summer 2010, 25 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. • Summer 2007 (12 students)
• Summer 2008 (9 students)
• Summer 2009 (15 students)
• Summer 2011 (18 students)
• Summer 2012 (14 students)
• Summer 2013 (8 students)

*Teaching Assistant*
• **CS 7455**, Issues in Human centered Computing, Georgia Tech. Instructor: Elizabeth D. Mynatt, Spring 2018. 13 students
Course Critique: 4.78/5.0 (93% completion rate)
• **CS 4001**, Society and Computing, Georgia Tech. Instructor: Rebecca Grinter, Spring 2015. 40 students
Course Critique: 4.56/5.0 (90% response rate)
• **INTA 4901/8901**, OPAR Internship, Georgia Tech. Instructor, Marlit Hayslett. Fall 2009. 5 students
• **INTA 4901/8901**, OPAR Internship, Georgia Tech. Instructor, Marlit Hayslett. Spring 2009. 4 students
• **INTA 4901/8901**, OPAR Internship, Georgia Tech. Instructor, Marlit Hayslett. Fall 2008. 7

students
- **INTA 4901/8901**, OPAR Internship, Georgia Tech. Instructor, Jennie Lincoln. Spring 2008. 9 students
- **INTA 4901/8901**, OPAR Internship, Georgia Tech. Instructor, Jennie Lincoln. Fall 2007. 8 students

*Guest Lectures*

**Interpersonal and Psychological Implications of Social Media**, University of Michigan, Instructor: Oliver Haimson, Fall 2019.

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

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| **Professional Service** | **State Committees** |

**State Committees**
- Indiana Department of Health Suicide Prevention - Social Determinants of Health Planning Group (2021-current)
- Indiana Pandemic Information Collaborative (IPIC) - Modeling and Simulation Group (2020-current)
- Indiana University School of Public Health - Bloomington Biostatistics Working Group (2020-current)

**Graduate Research Assistants**
- Fayika Farhat Nova, Marquette University, PhD Computer Science (2020-)
- Chanda Phalen, University of Michigan, PhD Information Sciences (2019-)
- Kara Kessling, University of Michigan, PhD Information Sciences (2019-2021)
- Bradley Iott, University of Michigan, PhD Information Sciences (2019-2021)
- Joseph Chudzick, University of Chicago, MS Data Science (2019-2021)
- Jeremey Heyer, Indiana University, PhD Information Sciences (2019)
- 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**
- Olivia Miles, Indiana University, Business (2020-)
- Anjana Balamourougan, Georgia Tech, Computer Science (2018)
- Alexis Atkins, Purdue University Fort Wayne (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
- Aaron Sumsky, 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

- AOIR
- AMIA
- MAAGP *Secretary, 2007-2009*

**Organizing Committees**
- ACM GROUP 2022 – Publicity Chair
- CSCW 2020 – Sponsorship Chair
- WISH 2020 – Communications Chair

**Program Committees**
- ACM CSCW 2018, 2019, 2020
- ACM CHI, 2020, 2021
- ACM DIS, 2018
- ACM OzCHI, 2018
- ACM CHI Late Breaking Work, 2017
- Pervasive Health, 2020

**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 (UROP), 2014-2018
- Member, Information and Communications Lab Director's Council (2008-2010)
- Founding Member, Georgia Cybersafety Initiative (2008-2013)

**Conference Reviewing**
- ICWSM, 2020-2021
- ACM CHI, 2012-2021
- ACM CSCW, 2013-2021
- ACM DIS, 2017-2018
- ACM OzCHI, 2018-2019
- 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
- Plos One
- JAMIA
- JAMIA Open
- JMIR
- Social Media + Society

**Public Outreach (selected)**

O.10 *Digital Citizenship - parents and students.* Atlanta Public Schools Parents as Participants in Academics Center (PAPAC). January 2016-July 2020.

O.9 *Career Paths in Computing.* Girls' Adventures in STEM, Atlanta Science Festival. Marietta, GA. March 24, 2015.

O.8 *Online activities and impacts to the school hosue.* Temecula Prepatory, Temecula, CA. April 7, 2013.

O.7 *Developing cybersmart practices for the family.* Temecula Prepatory, Temecula, CA. April 6, 2013.

O.6 *Adults, Technology, and Social Media.* Partners Against Domestic Violence Summit. Atlanta, GA. Feb 19, 2011.

O.5 *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 Pubic Schools. Atlanta, GA. April 24, 2009.

O.1 *Cybersafety Strategies for Youth.* Austin Elementary School. Dunwoody, GA. April 1, 2009.

**Media Coverage (selected)**

M.12 Select coverage of [F.35]
Mary Roberts. Parkview scientist receives $322K NIH grant.*Inside Indiana Business.* June 21, 2021.

M.11 PBS Fort Wayne. (2020, April 24). "CORONAVIRUS Live: A Community Forum.". COVID Community Needs Survey Report-out and New Survey.

M.10 Lauren Caggiano. SPECIAL REPORT: Northeast Indiana researchers reveal urgent needs during the pandemic. *Input Fort Wayne.* May 6, 2020

M.9 PBS Fort Wayne. (2020, April 3). "CORONAVIRUS Live: A Community Forum.". COVID Community Needs Survey.

M.8 "Online Best Practices for Families". (2020, Feb. 23). Radio WLDE 101.7 FM, Fort Wayne, IN.

M.7 Jake Pitre. We can't afford to be in the dark about digital self-harm and its real-life consequences. *The Globe and Mail.* March 22, 2018.

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.
Doug 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 Stephanee 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.
Select coverage associated with [C2-C4]

M.1 Killina Presentation Secondary School Launch Exciting Pilot Science Teaching Project. *Catholic Education Irish Schools Trust.* September 10, 2010.
Pilot Direct 2 Discovery project launched in Rahan. *Offaly Independent.* September 10, 2010.
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.