Stephen Voida

Curriculum Vitae, February 2026

Academic Bio

Stephen Voida is an Associate Professor and founding faculty member in the Department of Information Science and an Associate Professor (by courtesy) in the Department of Computer Science at the University of Colorado Boulder. Dr. Voida directs the Too Much Information (TMI) research group at CU, where he and his multidisciplinary team of students conduct empirical, design, and systems research in personal informatics supporting physical, mental, and professional wellness. His research has been recognized with awards at several of the top conferences in his field, including ACM CHI, CSCW, and GROUP. His research has been supported by the National Institutes of Health, the National Science Foundation, NASA, Google Research, and a Computing Research Association Computing Innovation postdoctoral fellowship, and his work has appeared in the *New York Times*, the *Wall Street Journal*, *The Atlantic*, Lifehacker.com, and on the APM Marketplace Tech Report. Dr. Voida earned his Ph.D. and M.S. degrees in Computer Science and Human–Computer Interaction, respectively, from the Georgia Institute of Technology and his B.S. in Computer Science from Arizona State University. More information can be found on his website, https://stephen.voida.com

Research Interests

Human–computer interaction, ubiquitous computing, personal informatics, and personal health informatics, with an emphasis on mitigating job stress/burnout and managing chronic physical and mental illness

Basic Information

Address: Department of Information Science, UCB 315
College of Communication, Media, Design, and Information (CMDI)
University of Colorado Boulder
Boulder, CO 80309-0315 USA

Office: CMDI Information Science (1045 18th Street), Room 294

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Web: https://stephen.voida.com

Citizenship: United States of America

Education

Ph.D. Computer Science, Georgia Institute of Technology **August 2008**
Atlanta, Georgia, USA
Emphasis in human–computer interaction, minor in new media design and evaluation
Concurrently awarded a graduate certificate in the interdisciplinary program in cognitive science
Committee: Elizabeth D. Mynatt (advisor and chair), Gregory D. Abowd, W. Keith Edwards, Blair MacIntyre, Thomas P. Moran (external reader)

M.S. Human-Computer Interaction, Georgia Institute of Technology **May 2001**
Atlanta, Georgia, USA
Faculty research advisors: Blair MacIntyre, Elizabeth D. Mynatt

B.S. Computer Science, Arizona State University **August 1999**
Tempe, Arizona, USA
Graduated with lower-division honors from the Arizona State University Honors College
Honors thesis advisor: Timothy Lindquist

Academic Research & Teaching Appointments

Associate Professor, Information Science, University of Colorado Boulder **2022–present**
Boulder, Colorado, USA
Founding faculty, Department of Information Science
Associate Professor (by courtesy), Department of Computer Science
Founding Director, Center for Personal Health Informatics Innovation
Faculty Fellow, ATLAS Institute
Faculty Fellow, Institute for Cognitive Science
Faculty Affiliate, Renée Crown Wellness Institute

Assistant Professor, Information Science, University of Colorado Boulder **2015–2022**
Assistant Professor (by courtesy). Department of Computer Science
Boulder, Colorado, USA

Assistant Professor, Human-Centered Computing, Indiana University (IUPUI) **2013–2015**
Indianapolis, Indiana, USA

Postdoctoral Associate, Information Science, Cornell University **2012–2013**
Ithaca, New York, USA
Postdoctoral supervisors: Tanzeem Choudhury, Geri Gay

Lecturer, Informatics, University of California, Irvine **2012**
Irvine, California, USA

Assistant Project Scientist, Informatics, University of California, Irvine **2009–2012**
Irvine, California, USA
Research supervisor: Gloria Mark

Postdoctoral Fellow, Computer Science, University of Calgary **2007–2009**
Calgary, Alberta, Canada
Postdoctoral supervisors: Saul Greenberg, Sheelagh Carpendale

Research Scientist, GVU Center, Georgia Institute of Technology **2001–2002**
Atlanta, Georgia, USA
Research supervisor: Elizabeth D. Mynatt

Academic and Professional Honors and Awards

Outstanding Faculty Award (Inaugural Awardee)
Department of Information Science, University of Colorado Boulder, 2023

Outstanding Faculty Mentor Award
University of Colorado Boulder Graduate School, 2022

Best Paper Award (top 1% of conference submissions)
ACM International Conference on Supporting Group Work (GROUP ’22/’23)

SIGCHI Conference on Human Factors in Computing Systems (CHI ’13)

Best Paper Honorable Mentions (top 5% of conference submissions)
CHI Conference on Human Factors in Computing Systems (CHI ’24)

CHI Conference on Human Factors in Computing Systems (CHI ’22)

ACM Conference on Computer-Supported Cooperative Work & Social Computing (CSCW ’18)

SIGCHI Conference on Human Factors in Computing Systems (CHI ’12)

ACM Conference on Computer-Supported Cooperative Work (CSCW ’08)

Recognition of Contribution to Diversity & Inclusion
ACM Conference on Computer-Supported Cooperative Work & Social Computing (CSCW ’18)
One of five inaugural honorees recognized

CCC/CRA Computing Innovation Fellow (2009–2011)

Co-led winning team, Heritage Open mHealth Challenge (2013)
$100,000 prize

ACM Senior Member (September 2019)

Publications and Products

*My current Google Scholar **h-index is 28** with **4,108 total citations** of my work* (February 2026).

Graduate and undergraduate student authors on publications/products submitted during the postdoctoral and faculty phases of my career are denoted throughout this section with an asterisk (*).

Journal Articles (peer-reviewed)

J.21 Paul F. Cook, Emily Jost, Gregory Forlenza, Laurel H. Messer, Solus Thompson*, and **Stephen Voida**. 2026. Situational awareness predicts self-management of type 1 diabetes in adolescents and young adults. *Health Psychology*, advance online publication (Jan. 2026), 19 pages. doi:10.1037/hea0001547

J.20 Fujiko Robledo Yamamoto*, Amy Voida, and **Stephen Voida**. 2025. Towards culturally competent design: A multistakeholder study of the adoption and use of teletherapy within the Hispanic community. *Proceedings of the ACM on Human-Computer Interaction* 9, 7, Article CSCW 334 (Oct. 2025), 30 pages. doi:10.1145/3757515

J.19 Dylan T. Doyle*, Jay K. Ghosh*, Reece Suhocki*, Brian C. Keegan, **Stephen Voida**, and Jed R. Brubaker. 2024. Stories that heal: Characterizing and supporting narrative for suicide bereavement. *Proceedings of the International AAAI Conference on Web and Social Media (ICWSM)* 18, 1 (June 2024), 354–366. doi:10.1609/icwsm.v18i1.31319

J.18 Tian Xu*, Junnan Yu, Dylan T. Doyle*, and **Stephen Voida**. 2023. Technology-mediated strategies for coping with mental health challenges: Insights from people with bipolar disorder. *Proceedings of the ACM on Human-Computer Interaction* 7, CSCW2, Article 240 (Oct. 2023), 31 pages. PMID:38846748; doi:10.1145/3610031
Authors Xu and Yu share first authorship on this publication.

J.17 Fujiko Robledo Yamamoto*, Janghee Cho*, Amy Voida, and **Stephen Voida**. 2023. "We are researchers, but we are also humans": Creating a design space for managing graduate student stress. *ACM Transactions on Computer-Human Interaction* 30, 5, Article 75 (Oct. 2023), 33 pages. doi:10.1145/3589956

J.16 Laurel H. Messer, Paul F. Cook, **Stephen Voida**, Casey Fiesler, Emily Fivekiller, Chinmay Agrawal*, Tian Xu*, Gregory P. Forlenza, and Sriram Sankaranarayanan. 2023. Situational awareness and proactive engagement predict higher time in range in adolescents and young adults using hybrid closed-loop. *Pediatric Diabetes* 2023, Article 1888738 (May 2023), 8 pages. PMID:37614410; doi:10.1155/2023/1888738

J.15 Wendy Norris, Amy Voida, and **Stephen Voida**. 2022. People talk in stories. Responders talk in data: A framework for temporal sensemaking in time- and safety-critical work. *Proceedings of the ACM on Human-Computer Interaction* 6, CSCW1, Article 108 (Apr. 2022), 23 pages. doi:10.1145/3512955

J.14 Mustafa Ozkaynak, **Stephen Voida**, and Emily Dunn. 2022. Opportunities and challenges of integrating food practice into clinical decision making. *Applied Clinical Informatics (Special Section on Workflow Automation)* 13, 1 (Feb. 2022), 252–262. doi:10.1055/s-0042-1743237

J.13 Janghee Cho*, Samuel Beck*, and **Stephen Voida**. 2022. Topophilia, placemaking, and boundary work: Exploring the psycho-social impact of the COVID-19 work-from-home experience. *Proceedings of the ACM on Human–Computer Interaction* 6, GROUP, Article 24 (Jan. 2022), 33 pages. doi:10.1145/3492843 (40% conference acceptance rate)
GROUP 2022/23 Best Paper Award (among the top 1% of all conference submissions)

J.12 Fujiko Robledo Yamamoto*, Amy Voida, and **Stephen Voida**. 2021. From therapy to teletherapy: Relocating mental health services online. *Proceedings of the ACM on Human-Computer Interaction* 5, CSCW2, Article 364 (Oct. 2021), 30 pages. doi:10.1145/3479508

J.11 Lucy Van Kleunen*, Brian Muller, and **Stephen Voida**. 2021. "Wiring a city": A sociotechnical perspective on deploying urban sensor networks. *Proceedings of the ACM on Human-Computer Interaction* 5, CSCW, Article 178 (Apr. 2021), 22 pages. doi:10.1145/3449252

J.10 Wendy Norris*, Amy Voida, Leysia Palen, and **Stephen Voida**. 2019. 'Is the time right now?': Reconciling sociotemporal disorder in distributed team work. *Proceedings of the ACM on Human-Computer Interaction* 3, CSCW, Article 98 (Nov. 2019), 29 pages. doi:10.1145/3359200 (31% conference acceptance rate)

J.9 Jakob E. Bardram, Steven Jeuris, Paolo Tell*, Steven Houben, and **Stephen Voida**. 2019. Activity-centric computing systems. *Communications of the ACM* 62, 8 (Aug. 2019), 72–81. doi:10.1145/3325901

J.8 Elizabeth L. Murnane, Tara G. Walker*, Beck Tench*, **Stephen Voida**, and Jaime Snyder. 2018. Personal informatics in interpersonal contexts: Towards the design of technology that supports the social ecologies of long-term mental health management. *Proceedings of the ACM on Human-Computer Interaction* 2, CSCW, Article 127 (Nov. 2018), 27 pages. doi:10.1145/3274396 (26% conference acceptance rate)
CSCW 2018 Recognition of Contribution to Diversity & Inclusion
CSCW 2018 Best Paper Honorable Mention (among the top 5% of 722 submissions)

J.7 Victor Cornet*, **Stephen Voida**, and Richard J. Holden. 2017. Activity Theory analysis of heart failure self-care. *Mind, Culture, and Activity* 25, 1 (Sept. 2017), 22–39. doi:10.1080/10749039.2017.1372785

J.6 Mark Matthews, Saeed Abdullah*, Elizabeth Murnane*, **Stephen Voida**, Tanzeem Choudhury, Geri Gay, and Ellen Frank. 2016. Development and evaluation of a smartphone-based measure of social rhythms for bipolar disorder. *Assessment* 23, 4 (June 2016), 472–483. doi:10.1177/1073191116656794

J.5 Jaime Snyder, Eric P. S. Baumer, **Stephen Voida**, Phil Adams*, Megan Halpern, Tanzeem Choudhury, and Geri Gay. 2014. Making things visible: Opportunities and tensions in visual approaches for design research and practice. *Human-Computer Interaction* 29, 5–6 (June 2014 special issue on Understanding Design Thinking), 451–486. doi:10.1080/07370024.2013.870384

J.4 Eric P. S. Baumer, Vera Khovanskaya*, Phil Adams*, John P. Pollak, **Stephen Voida**, and Geri Gay. 2013. Designing for engaging experiences in mobile social health support systems. *IEEE Pervasive Computing* 12, 3 (July–Sept. 2013), 32–39. doi:10.1109/MPRV.2013.47

J.3 Derek Reilly, **Stephen Voida**, Matt McKeon*, Christopher Le Dantec*, Jonathan Bunde-Pedersen, W. Keith Edwards, Elizabeth D. Mynatt, and Ali Mazalek. 2010. Space matters: Physical–digital and physical–virtual codesign in inSpace. *IEEE Pervasive Computing* 9, 3 (July–Sept. 2010), 54–63. doi:10.1109/MPRV.2010.22

J.2 Nikitas Liogkas, Blair MacIntyre, Elizabeth D. Mynatt, Yannis Smaragdakis, Eli Tilevich, and **Stephen Voida**. 2004. Automatic partitioning for prototyping ubiquitous computing applications. *IEEE Pervasive Computing* 3, 3 (July–Sept. 2004), 40–47. doi:10.1109/MPRV.2004.1321027

J.1 **Stephen Voida**, Elizabeth D. Mynatt, Blair MacIntyre, and Gregory M. Corso. 2002. Integrating physical and virtual context to support knowledge workers. *IEEE Pervasive Computing* 1, 3 (July–Sept. 2002), 73–79. doi:10.1109/MPRV.2002.1037725

Journal-Equivalent, Archival Conference Papers

C.35 Hoefer, Michael J.*, Raegan Rychecky*, and **Stephen Voida**. To appear. How does my time use align with my values? Personal informatics for connecting abstract values to everyday life. To appear in *Proceedings of the 2026 CHI Conference on Human Factors in Computing Systems (CHI '26),* April 13–17, 2026. ACM Press, New York, NY. (25% acceptance rate)

C.34 Amy Voida, **Stephen Voida**, Julia Dean*, and Will Schermer*. To appear. An education abroad course in human-centered computing and information science. To appear in *Proceedings of the 57th ACM Technical Symposium on Computer Science Education (SIGCSE TS '26)*, February 18–21, 2026. ACM Press, New York, NY. (30% acceptance rate)

C.33 Amy Voida, **Stephen Voida**, Will Schermer*, Julia Dean*, and Ishita Pradhan*. To appear. The development of intercultural competence through information science education abroad. To appear in *Proceedings of the 57th ACM Technical Symposium on Computer Science Education (SIGCSE TS '26)*, February 18–21, 2026. ACM Press, New York, NY. (30% acceptance rate)

C.32 Tian Xu*, Sid Cook*, Bryan Semaan, and **Stephen Voida**. 2025. Expression-in-action and expression-on-action: A systematic review of mediums for expression in mental health. In *Proceedings of the 2025 CHI Conference on Human Factors in Computing Systems (CHI '25)*, April 26–May 1, 2025. ACM Press, New York, NY. Article 508, 20 pages. doi:10.1145/3706598.3713669 (25% acceptance rate)

C.31 Michael J. Hoefer*, Raegan Rychecky*, Max Gong*, and **Stephen Voida**. 2025. TellTime: An AI-augmented calendar with a voice interface for collecting time-use data. In *Proceedings of the 30th Annual ACM Conference on Intelligent User Interfaces (IUI '25)*, March 24–27, 2025. ACM Press, New York, NY, 1366–1380. doi:10.1145/3708359.3712116 (25% acceptance rate)

C.30 Janghee Cho and **Stephen Voida**. 2024. Toward more inclusive and accessible futures of remote work using a feminist geographical lens. In *Proceedings of the 3rd Annual Meeting of the Symposium on Human-Computer Interaction for Work (CHIWORK '24)*, June 25–27, 2024. ACM Press, New York, NY, Article 4, 10 pages. doi:10.1145/3663384.3663392 (56% acceptance rate)

C.29 Janghee Cho*, Dasom Choi*, Junnan Yu, and **Stephen Voida**. 2024. Reinforcing and reclaiming the home: Co-speculating future technologies to support remote and hybrid work. In *Proceedings of the 2024 CHI Conference on Human Factors in Computing Systems (CHI '24)*, May 11–16, 2024. ACM Press, New York, NY, Article 1026, 28 pages. doi:10.1145/3613904.3642381 (26% acceptance rate)
CHI 2024 Best Paper Honorable Mention (among the top 5% of all submissions)

C.28 Tian Xu*, Emily Jost, Laurel H. Messer, Paul F. Cook, Gregory P. Forlenza, Sriram Sankaranarayanan, Casey Fiesler, and **Stephen Voida**. 2024. “Obviously, nothing’s gonna happen in five minutes”: Infrastructuring type 1 diabetes management in adolescents and young adults. In *Proceedings of the 2024 CHI Conference on Human Factors in Computing Systems (CHI ’24)*, May 11–16, 2024. ACM Press, New York, NY, Article 139, 16 pages. doi:10.1145/3613904.3642612 (26% acceptance rate)

C.27 Michael J. D. Hoefer*, and **Stephen Voida**. 2023. Being, having, doing, and interacting: A personal informatics approach to understanding human need satisfaction in everyday life. In *Proceedings of the 2023 ACM SIGCHI Conference on Designing Interactive Systems (DIS ’23)*, July 10–14, 2023. ACM Press, New York, NY, 2593–2610. doi:10.1145/3563657.3596120 (24% acceptance rate)

C.26 Michael J. D. Hoefer*, Bryce E. Schumacher*, and **Stephen Voida**. 2022. Personal dream informatics: A self-information systems model of dream engagement. In *Proceedings of the 2022 CHI Conference on Human Factors in Computing Systems (CHI ’22)*, April 29–May 5, 2022. ACM Press, New York, NY, Article 281, 16 pages. doi:10.1145/3491102.3517669 (25% acceptance rate)

C.25 Janghee Cho*, Tian Xu*, Abigail Zimmerman-Niefield*, and **Stephen Voida**. 2022. Reflection in theory and reflection in practice: An exploration of the gaps in reflection support among personal informatics apps. In *Proceedings of the 2022 CHI Conference on Human Factors in Computing Systems (CHI ’22)*, April 29–May 5, 2022. ACM Press, New York, NY, Article 142, 23 pages. doi:10.1145/3491102.3501991 (25% acceptance rate)
CHI 2022 Best Paper Honorable Mention (among the top 5% of 2,579 submissions)

C.24 Michael J. D. Hoefer*, Lucy Van Kleunen*, Cassandra Goodby*, Lanea B. Blackburn*, Priyanka Panati*, and **Stephen Voida**. 2021. The multiplicative patient and the clinical workflow: Clinician perspectives on social interfaces for self-tracking and managing bipolar disorder. In *Proceedings of the Designing Interactive Systems Conference 2021 (DIS ’21)*, June 28–July 2, 2021. ACM Press, New York, NY, 907–925. doi:10.1145/3461778.3461995 (25% acceptance rate)

C.23 Rsha Mirza*, Kenneth M. Anderson, and **Stephen Voida**. 2021. EPIC Collab: Supporting asynchronous collaboration in big data analysis systems. In *Proceedings of the 2021 IEEE 6th International Conference on Cloud Computing and Big Data Analytics (ICCCBDA ’21)*, April 24–26, 2021, Chengdu, China. IEEE, Piscataway, NJ, 17–26. doi:10.1109/ICCCBDA51879.2021.9442495 (acceptance rate not reported)

C.22 Justin Petelka*, Lucy Van Kleunen*, Liam Albright*, Elizabeth Murnane, **Stephen Voida**, and Jaime Snyder. 2020. Being (in)visible: Privacy, transparency, and disclosure in the self-management of bipolar disorder. In *Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems (CHI ’20)*, April 25–30, 2020. ACM Press, New York, NY, Article 446, 14 pages. doi:10.1145/3313831.3376573 (24% acceptance rate)

C.21 Jaime Snyder, Elizabeth Murnane, Caitie Lustig*, and **Stephen Voida**. 2019. Visually encoding the lived experience of bipolar disorder. In *Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems (CHI ’19)*, May 4–9, 2019, Glasgow, Scotland. ACM Press, New York, NY, Article 133, 14 pages. doi:10.1145/3290605.3300363 (24% acceptance rate)

C.20 Yuan Jia*, Yikun Liu*, Xing Yu*, and **Stephen Voida**. 2017. Designing leaderboards for gamification: Considering perceived differences based on user ranking, application domain, and personality traits. In *Proceedings of the 2017 CHI Conference on Human Factors in Computing Systems (CHI '17)*, May 6–11, 2017, Denver, Colorado. ACM Press, New York, NY, 1949–1960. doi:10.1145/3025453.3025826 (25% acceptance rate)

C.19 Yuan Jia*, Bin Xu*, Yamini Karanam*, and **Stephen Voida**. 2016. Personality targeted gamification: A survey study on personality traits and motivational affordances. In *Proceedings of the 2016 CHI Conference on Human Factors in Computing Systems (CHI '16)*, May 7–12, 2016, San Jose, California. ACM Press, New York, NY, 2001–2013. doi:10.1145/2858036.2858515 (23% acceptance rate)

C.18 Mark Matthews, **Stephen Voida**, Saeed Abdullah*, Gavin Doherty, Tanzeem Choudhury, Sangha Im*, and Geri Gay. 2015. In situ design for mental illness: Considering the pathology of bipolar disorder in mHealth design. In *Proceedings of the 17th International Conference on Human–Computer Interaction with Mobile Devices and Services (MobileHCI '15)*, August 24–27, 2015, Copenhagen, Denmark. ACM Press, New York, NY, 86–97. doi:10.1145/2785830.2785866 (27% acceptance rate)

C.17 Phil Adams*, Mashfiqui Rabbi*, Tauhidur Rahman*, Mark Matthews, Amy Voida, Geri Gay, Tanzeem Choudhury, and **Stephen Voida**. 2014. Towards personal stress informatics: Comparing minimally invasive techniques for measuring daily stress in the wild. In *Proceedings of the 8th International Conference on Pervasive Computing Technologies for Healthcare (PervasiveHealth '14)*, May 20–23, 2014, Oldenburg, Germany. ICST (Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering), Brussels, Belgium, 72–79. doi:10.4108/icst.pervasivehealth.2014.254959 (26% acceptance rate)

C.16 Tauhidur Rahman*, Mi Zhang, **Stephen Voida**, and Tanzeem Choudhury. 2014. Towards accurate non-intrusive recollection of stress levels using mobile sensing and contextual recall. In *Proceedings of the 8th International Conference on Pervasive Computing Technologies for Healthcare (PervasiveHealth '14),* May 20–23, 2014, Oldenburg, Germany. ICST (Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering), Brussels, Belgium, 166–169. doi:10.4108/icst.pervasivehealth.2014.254957 (29% acceptance rate)

C.15 Vera Khovanskaya*, Eric P. S. Baumer, Dan Cosley, **Stephen Voida**, and Geri Gay. 2013. "Everybody knows what you're doing": A critical design approach to personal informatics. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '13)*, April 27–May 2, 2013, Paris, France. ACM Press, New York, NY, 3403–3412. doi:10.1145/2470654.2466467 (20% acceptance rate)

C.14 Xuan Zhao*, Niloufar Salehi*, Sasha Naranjit*, Sara Alwaalan*, **Stephen Voida**, and Dan Cosley. 2013. The many faces of Facebook: Experiencing social media as performance, exhibition, and personal archive. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '13)*, April 27–May 2, 2013, Paris, France. ACM Press, New York, NY, 1–10. doi:10.1145/2470654.2470656 (20% acceptance rate)
CHI 2013 Best Paper (among the top 1% of 1,963 submissions)

C.13 Gloria Mark, **Stephen Voida**, and Armand V. Cardello. 2012. "A pace not dictated by electrons": An empirical study of work without email. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '12)*, May 5–10, 2012, Austin, Texas. ACM Press, New York, NY, 555–564. doi:10.1145/2207676.2207754
Authors Mark and Voida share first authorship on this publication. (23% acceptance rate)
CHI 2012 Best Paper Honorable Mention (among the top 5% of 1,577 submissions)

C.12 Juan David Hincapié-Ramos*, **Stephen Voida**, and Gloria Mark. 2011. A design space analysis of availability-sharing systems. In *Proceedings of the 24th Annual ACM Symposium on User Interface Software and Technology (UIST '11)*, Oct. 16–19, 2011, Santa Barbara, California. ACM Press, New York, NY, 85–96. doi:10.1145/2047196.2047207 (26% acceptance rate)

C.11 **Stephen Voida**, Matthew Tobiasz*, Julie Stromer*, Petra Isenberg*, and Sheelagh Carpendale. 2009. Getting practical with interactive tabletop displays: Designing for dense data, "fat fingers," diverse interactions, and face-to-face collaboration. In *Proceedings of the ACM International Conference on Interactive Tabletops and Surfaces (ITS '09)*, November 23–25, 2009, Banff, Alberta. ACM Press, New York, NY, 119–126. doi:10.1145/1731903.1731926 (acceptance rate not reported)

C.10 **Stephen Voida** and Saul Greenberg. 2009. WikiFolders: Augmenting the display of folders to better convey the meaning of files. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '09)*, April 4–9, 2009, Boston, Massachusetts. ACM Press, New York, NY, 1679–1682. doi:10.1145/1518701.1518959 (25% acceptance rate)

C.9 **Stephen Voida** and Elizabeth D. Mynatt. 2009. "It feels better than filing": Everyday work experiences in an activity-based computing system. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '09)*, April 4–9, 2009, Boston, Massachusetts. ACM Press, New York, NY, 259–268. doi:10.1145/1518701.1518744 (25% acceptance rate)

C.8 Jeremy Goecks, Amy Voida, **Stephen Voida**, and Elizabeth D. Mynatt. 2008. Charitable technologies: Opportunities for collaborative computing in nonprofit fundraising. In *Proceedings of the 2008 ACM Conference on Computer-Supported Cooperative Work (CSCW '08)*. November 8–12, 2008, San Diego, California. ACM Press, New York, NY, 689–698. doi:10.1145/1460563.1460669 (23% acceptance rate)

C.7 Amy Voida, **Stephen Voida**, Saul Greenberg, and Helen Ai He*. 2008. Asymmetry in media spaces. In *Proceedings of the 2008 ACM Conference on Computer-Supported Cooperative Work (CSCW '08)*. November 8–12, 2008, San Diego, California. ACM Press, New York, NY, 313–322. doi:10.1145/1460563.1460615 (23% acceptance rate)
CSCW 2008 Best Paper Honorable Mention (among the top 5% of 370 submissions)

C.6 **Stephen Voida**, Elizabeth D. Mynatt, and W. Keith Edwards. 2008. Re-framing the desktop interface around the activities of knowledge work. In *Proceedings of the 21st Annual ACM Symposium on User Interface Software and Technology (UIST '08)*, October 19–22, 2008, Monterey, California. ACM Press, New York, NY, 211–220. doi:10.1145/1449715.1449751 (20% acceptance rate)

C.5 **Stephen Voida**, W. Keith Edwards, Mark W. Newman, Rebecca E. Grinter, and Nicolas Ducheneaut. 2006. Share and share alike: Exploring the user interface affordances of file sharing. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '06)*, April 22–27, 2006, Montréal, Québec. ACM Press, New York, NY, 221–230. doi:10.1145/1124772.1124806 (23% acceptance rate)

C.4 Rahul Nair, **Stephen Voida**, and Elizabeth D. Mynatt. 2005. Frequency-based detection of task switches. In *Proceedings of the 19th British HCI Group Annual Conference, Vol. 2 (HCI 2005)*, September 5–9, 2005, Edinburgh, Scotland. The British Computer Society, 94–99. (35% acceptance rate)

C.3 **Stephen Voida**, Mark Podlaseck, Rick Kjeldsen, and Claudio Pinhanez. 2005. A study on the manipulation of 2D objects in a projector/camera-based augmented reality environment. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '05)*, April 2–7, 2005, Portland, Oregon. ACM Press, New York, NY, 611–620. doi:10.1145/1054972.1055056 (25% acceptance rate)

C.2 Blair MacIntyre, Jay David Bolter, Jeannie Vaughn, Brendan Hannigan, Maribeth Gandy, Emanuel Moreno, Markus Haas, Sin-Hwa Kang, David Krum, and **Stephen Voida**. 2003. Three Angry Men: An augmented-reality experiment in point-of-view drama. In *Proceedings of the 1st International Conference on Technologies for Interactive Digital Storytelling and Entertainment (TIDSE '03)*, March 24–26, 2003, Darmstadt, Germany. Fraunhofer IRB Verlag, Stuttgart, Germany, 337–345. (acceptance rate not reported)

C.1 Blair MacIntyre, Elizabeth D. Mynatt, **Stephen Voida**, Klaus M. Hansen, Joe Tullio, and Gregory M. Corso. 2001. Support for multitasking and background awareness using interactive peripheral displays. In *Proceedings of the 14th Annual ACM Symposium on User Interface Software and Technology (UIST '01)*, November 11–14, 2001, Orlando, Florida. ACM Press, New York, NY, 41–50. doi:10.1145/502348.502355 (19% acceptance rate)

Short-Form Conference Presentations (e.g., Demonstrations, Interactive Posters, Late-Breaking Work and Research Papers Presented at Workshops) Appearing in Archival Extended Abstracts (lightly peer reviewed)

S.21 Zoe Fisher*, Tian Xu*, Emily Jost, Gregory P. Forlenza, and **Stephen Voida**. 2025. Data privacy and trust concerns among adolescent and young adults (AYAs) with T1D using hybrid-closed loop systems [Poster presented at the 85th Scientific Sessions of the American Diabetes Association]. *Diabetes* 74, Supplement 1, Abstract 976-P (June 2025), 1 page. doi:10.2337/db25-976-P

S.20 Emily Jost, Paul F. Cook, Gregory P. Forlenza, and **Stephen Voida**. 2024. Perceptions of hyper and hypoglycemia symptoms vs actual CGM values in adolescents and young adults with type 1 diabetes [ePoster presented at the 50th Annual Conference of the International Society for Pediatric and Adolescent Diabetes (ISPAD 2024)]. *Hormone Research in Paediatrics* 97, Supplement 2, Abstract P-90 (Oct. 2024), 1 page. doi:10.1159/000541195

S.19 Quinn Burns* and **Stephen Voida**. 2023. Investigating mobile mental health app designs to foster engagement among adolescents [poster]. In *Adjunct Proceedings of the 2023 ACM Joint International Conference on Ubiquitous Computing (UbiComp '23 Adjunct)*, October 8–12, ACM Press, New York, NY, 118–122. doi:10.1145/3594739.3610703

S.18 Michael Hoefer*, and **Stephen Voida**. 2023. Tracking the experience of self in everyday life [late-breaking work]. In *Extended Abstracts of the 2023 CHI Conference on Human Factors in Computing Systems (CHI EA '23)*, April 23–28, 2023, ACM Press, New York, NY, Article 293, 8 pages. doi:10.1145/3544549.3585785

S.17 Michael J. D. Hoefer*, Bryce E. Schumacher*, Danielle Albers Szafir, and **Stephen Voida**. 2022. Visualizing uncertainty in multi-source mental health data [late-breaking work]. In *Extended Abstracts of the 2022 ACM CHI Conference on Human Factors in Computing Systems (CHI EA '22)*, April 30–May 5, 2022. ACM Press, New York, NY, Article 397, 6 pages. doi:10.1145/3491101.3519844

S.16 Janghee Cho*, Laura Devendorf, and **Stephen Voida**. 2021. From the art of reflection to the art of noticing: A shifting view of self-tracking technologies' role in supporting sustainable food practices [late-breaking work]. In *Extended Abstracts of the 2021 CHI Conference on Human Factors in Computing Systems (CHI EA '21)*, May 8–13, 2021. ACM Press, New York, NY, Article 298. doi:10.1145/3411763.3451838

S.15 Hyoyoung Lim*, Xiaolei Huang*, Samuel Miller*, Joshua Edelmann*, Timothy Euken*, and **Stephen Voida**. 2019. Smart Cook: Making cooking easier with multimodal learning [interactive poster]. In *Adjunct Proceedings of the 2019 ACM Joint International Conference on Pervasive and Ubiquitous Computing (UbiComp '19 Adjunct)*, September 11–13, 2019, London, UK. ACM Press, New York, NY, 129–132. doi:10.1145/3341162.3343836

S.14 Lucy Van Kleunen*, Joel Holton*, Daniel Strawn*, and **Stephen Voida**. 2019. Designing navigation aides for wildland firefighters [interactive poster]. In *Adjunct Proceedings of the 2019 ACM Joint International Conference on Pervasive and Ubiquitous Computing (UbiComp '19 Adjunct)*, September 11–13, 2019, London, UK. ACM Press, New York, NY, 226–229. doi:10.1145/3341162.3343784

S.13 Lucy Van Kleunen*, and **Stephen Voida**. 2019. Challenges in supporting social practices around personal data for long-term mental health management [workshop position paper]. In *Adjunct Proceedings of the 2019 ACM Joint International Conference on Pervasive and Ubiquitous Computing (UbiComp '19 Adjunct)*, September 10, 2019, London, UK. ACM Press, New York, NY, 944–948. doi:10.1145/3341162.3346273

S.12 Annie Kelly*, Matt Whitlock*, Brielle Nickoloff*, Angel Lam*, Danielle Albers Szafir, and **Stephen Voida**. 2017. Becoming butterflies: Interactive embodiment of the butterfly lifecycle [interactive poster]. In *Proceedings of the 2017 ACM Joint International Conference on Pervasive and Ubiquitous Computing (UbiComp '17)*, September 11–15, 2017, Maui, Hawai'i. ACM Press, New York, NY, 93–96. doi:10.1145/3123024.3123136

S.11 Varsha Koushik*, Alexandra Gendreau*, Eugene Ho*, Spencer Wilson*, and **Stephen Voida**. 2017. Snappable sensors: Empowering future scientists [interactive poster]. In *Proceedings of the 2017 ACM Joint International Conference on Pervasive and Ubiquitous Computing (UbiComp '17)*, September 11–15, 2017, Maui, Hawai'i. ACM Press, New York, NY, 117–120. doi:10.1145/3123024.3123159

S.10 **Stephen Voida, S.**, Yuan Jia*, Yamini Karanam*, Alex Chambers*, Joe Dara*, Abdulaziz Alderhami*, Kunal Bodke*, Dushyant Shrikhande*, and Jessica Despard*. 2015. *Challenges*, *feedback* & *notifications*: Empirical explorations to inform the design of interfaces to motivate and encourage long-term personal informatics use [workshop position paper]. In *Adjunct Proceedings of the 2015 ACM Joint International Conference on Pervasive and Ubiquitous Computing (UbiComp/ISWC '15 Adjunct)*, September 7, 2015, Osaka, Japan. ACM Press, New York, NY, 1081–1086. doi:10.1145/2800835.2800964

S.9 Ryan Ahmed*, Alex Chambers*, Michael Frontz*, and **Stephen Voida**. 2014. A tangible approach to time management [interactive poster and demonstration]. In *Proceedings of the ACM Joint International Conference on Pervasive and Ubiquitous Computing: Adjunct Publication (UbiComp '14 Adjunct)*, September 13–17, 2014, Seattle, Washington. ACM Press, New York, NY, 207–210. doi:10.1145/2638728.2638794

S.8 Debaleena Chattopadhyay*, Said Achmiz*, Shivin Saxena*, Malvika Bansal*, Davide Bolchini, and **Stephen Voida**. 2014. Holes, pits, and valleys: Guiding large-display touchless interactions with data-morphed topologies [interactive poster]. In *Proceedings of the ACM Joint International Conference on Pervasive and Ubiquitous Computing: Adjunct Publication (UbiComp '14 Adjunct)*, September 13–17, 2014, Seattle, Washington. ACM Press, New York, NY, 19–22. doi:10.1145/2638728.2638736

S.7 Yamini Karanam*, Leslie Filko*, Lindsay Kaser*, Hanan Alotaibi*, Elham Makhsoom*, and **Stephen Voida**. 2014. Motivational affordances and personality types in personal informatics [interactive poster]. In *Proceedings of the ACM Joint International Conference on Pervasive and Ubiquitous Computing: Adjunct Publication (UbiComp '14 Adjunct)*, September 13–17, 2014, Seattle, Washington. ACM Press, New York, NY, 79–82. doi:10.1145/2638728.2638800

S.6 Ryan Sukale*, Olesia Koval*, and **Stephen Voida**. 2014. The Proxemic Web: Designing for proxemic interactions with responsive web design [interactive poster]. In *Proceedings of the ACM Joint International Conference on Pervasive and Ubiquitous Computing: Adjunct Publication (UbiComp '14 Adjunct)*, September 13–17, 2014, Seattle, Washington. ACM Press, New York, NY, 171–174. doi:10.1145/2638728.2638768

S.5 Ellen Frank, Mark Matthews, Tanzeem Choudhury, **Stephen Voida**, and Saeed Abdullah*. 2013. Developing a smart phone app to monitor mood, social rhythms, sleep and social activity: Technology to support effective management of bipolar disorder [ePoster]. Poster Session I. *Neuropsychopharmacology 38* (Dec. 2013), S108–S272:M178. doi:10.1038/npp.2013.279

S.4 **Stephen Voida**, Mark Matthews, Saeed Abdullah*, Mengxi (Chrissie) Xi*, Matthew Green*, Won Jun Jang*, Donald Hu*, John Weinrich*, Prashama Patil*, Mashfiqui Rabbi*, Tauhidur Rahman*, Geri Gay, Ellen Frank, and Tanzeem Choudhury. 2013. MoodRhythm: Tracking and supporting daily rhythms [demonstration]. In *Proceedings of the 2013 ACM Joint International Conference on Pervasive and Ubiquitous Computing Adjunct Publication (UbiComp '13 Adjunct)*, September 8–12, 2013, Zürich, Switzerland. ACM Press, New York, NY, 67–70. doi:10.1145/2494091.2494111

S.3 Juan David Hincapié-Ramos*, **Stephen Voida**, and Gloria Mark. 2011. Sharing availability information with InterruptMe [demonstration]. In *Proceedings of the 13th International Conference on Ubiquitous Computing (UbiComp '11),* September 17–21, 2011, Beijing, China. ACM Press, New York, NY, 477–478. doi:10.1145/2030112.2030179

S.2 Saul Greenberg, **Stephen Voida**, Nathan Stehr*, and Kimberly Tee*. (2010). Artifacts as instant messaging buddies [short paper]. In *Proceedings of the 2010 43rd Annual Hawaii International Conference on System Sciences (HICSS-43),* Persistent Conversation minitrack*,* January 5–8, 2010, Koloa, Kauai, Hawai'i. IEEE Computer Society, Los Alamitos, CA, 10 pages. doi:10.1109/HICSS.2010.70

S.1 **Stephen Voida**, Matthew Tobiasz*, Julie Stromer*, Petra Isenberg*, and Sheelagh Carpendale. 2009. Getting practical with interactive tabletop displays: Designing for dense data, "fat fingers," diverse interactions, and face-to-face collaboration [invited demonstration]. In *Proceedings of the ACM International Conference on Interactive Tabletops and Surfaces (ITS '09)*, November 23–25, 2009, Banff, Alberta. ACM Press, New York, NY, Article 3. doi:10.1145/1731903.1731944

Book Chapters (invited submissions; edited and/or lightly peer-reviewed)

B.4 Richard J. Holden, Ephrem Abebe, Jordan R. Hill, Janetta Brown, April Savoy, **Stephen Voida**, Josette F. Jones, and Anand Kulanthaivel*. 2022. Human factors engineering and human–computer interaction: Supporting user performance and experience. In John T. Finnell and Brian E. Dixon (Eds.), *Clinical Informatics Study Guide: Text and Review* (2nd ed.). Springer International, Cham, Switzerland, 119–132. doi:10.1007/978-3-030-93765-2_9
The first edition—in which my contributions initially appeared—was published in 2016.

B.3 **Stephen Voida**, Donald J. Patterson, and Shwetak N. Patel. 2014. Sensor data streams in HCI. In Judith S. Olson and Wendy Kellogg (Eds.), *Ways of Knowing in HCI*. Springer, New York, NY, 291–322. doi:10.1007/978-1-4939-0378-8_12

B.2 **Stephen Voida**, Elizabeth D. Mynatt, and Blair MacIntyre. 2007. Supporting activity in desktop and ubiquitous computing. In Victor Kaptelinin and Mary Czerwinski (Eds.), *Beyond the Desktop Metaphor: Designing Integrated Digital Work Environments.* MIT Press, Cambridge, MA, 195–222. doi:10.7551/mitpress/1584.003.0014

B.1 Elizabeth D. Mynatt, Elaine M. Huang, **Stephen Voida**, and Blair MacIntyre. 2003. Large displays for knowledge work. In Kenton O'Hara, Mark Perry, Elizabeth Churchill, & Daniel Russell (Eds.), *Public and situated displays: Social and interactional aspects of shared display technologies.* Springer, Dordrecht, The Netherlands, 80–102. doi:10.1007/978-94-017-2813-3_4

Conference and Workshop Presentations without Proceedings (lightly peer-reviewed)

P.35 Tian Xu*, Emily Jost, Laurel Messer, Paul Cook, Gregory Forlenza, Sriram Sankaranarayanan, Casey Fiesler, and **Stephen Voida**. 2024. Technological and non-technological situational awareness cues used by adolescents and young adult diabetes self-management. Abstract accepted for presentation as a poster at the 17th International Conference on Advanced Technologies & Treatments for Diabetes (ATTD), March 6–9, 2024, Florence, Italy.

P.34 **Stephen Voida**, Tian Xu*, Michael Hoefer*, and Estevan Sandoval*. 2023. mood:sync: Exploring the design of socially aware personal informatics technology for mental wellness. Virtual poster presented at the Society for Digital Mental Health Annual Meeting 2023, June 20–21, 2023. https://osf.io/t3dwb/

P.33 **Stephen Voida**, Tian Xu*, Michael Hoefer*, and Estevan Sandoval*. 2023. mood:sync: Exploring the design of socially aware personal informatics technology for mental wellness. Flash talk presented at the Society for Digital Mental Health Annual Meeting 2023, June 20–21, 2023.

P.32 Michael J. D. Hoefer*, and **Stephen Voida**. 2023. Being, having, doing, and interacting: A personal informatics approach to understanding human need satisfaction in everyday life. Interactive demonstration presented at the 2023 ACM SIGCHI Conference on Designing Interactive Systems (DIS ’23), July 10–14, 2023, Pittsburgh, PA.

P.31 Emily Fivekiller, Paul F. Cook, **Stephen Voida**, Casey Fiesler, Chinmay Agrawal*, Tian Xu*, Gregory P. Forlenza, Sriram Sankaranarayanan, and Laurel H. Messer. 2023. Situational awareness independently predicts time in range in adolescents and young adults using the t:slim X2 with Control-IQ system. Abstract accepted for presentation as a poster at the 16th International Conference on Advanced Technologies & Treatments for Diabetes (ATTD), February 22–25, 2023, Berlin, Germany.

P.30 Tian Xu* and **Stephen Voida.** 2022. Technological mediation of strategies in coping with mental health challenges: A case study with people with bipolar disorder. Position paper for the Workshop on Designing Ecosystems for Complex Health Needs, held in conjunction with the 2022 ACM CHI Conference on Human Factors in Computing Systems (CHI '22), April 30, 2022. New Orleans, LA.

P.29 Michael Hoefer* and **Stephen Voida.** 2022. Faith informatics: Computing for development through stages of faith. Position paper for the Workshop on Integrating Faith, Religion, and Spirituality in HCI, held in conjunction with the 2022 ACM CHI Conference on Human Factors in Computing Systems (CHI '22), April 13 and 30, 2022. New Orleans, LA.

P.28 Janghee Cho* and **Stephen Voida.** 2022. The affective bond between place and human: Designing digital technology for remote workers' wellbeing. Position paper for the Workshop on the Future of Emotion in Human–Computer Interaction, held in conjunction with the 2022 ACM CHI Conference on Human Factors in Computing Systems (CHI '22), April 13, 2022.

P.27 Michael Hoefer* and **Stephen Voida**. 2022. Interfacing with network representations of the self and needs. Position paper for the Workshop on Self-Determination Theory in HCI: Shaping a Research Agenda, held in conjunction with the 2022 ACM CHI Conference on Human Factors in Computing Systems (CHI '22), April 12 and 30, 2022. New Orleans, LA.

P.26 Laurel Messer, **Stephen Voida**, Paul Cook, Gregory Forlenza, Casey Fiesler, Emily Fivekiller, and Sriram Sankaranarayanan. 2022. Development of a "Cognitive awareness Artificial Pancreas Enhancement" (CAPE) to help adolescents with T1D optimize their use of artificial pancreas systems. Abstract accepted for presentation as a poster at the 15th International Conference on Advanced Technologies & Treatments for Diabetes (ATTD), April 27–30, 2022, Barcelona, Spain.

P.25 Michael Hoefer* and **Stephen Voida**. 2021. A network visualization of sustainable consumption corridors. Non-archival poster presented at IEEE VIS: Visualization and Visual Analytics (VIS '2021), October 24–29, 2021.

P.24 Michael Hoefer* and **Stephen Voida**. 2021. Representing systems of need and satisfaction. Lightning talk at the Workshop on Visualization for Social Good, held in conjunction with the IEEE VIS: Visualization and Visual Analytics (VIS '2021) conference, October 25, 2021.

P.23 Michael Hoefer* and **Stephen Voida**. 2021. The individual as a network: Multilayer intra-individual ego networks. Parallel session talk at NETWORKS 2021: A Joint Sunbelt and NetSci Conference, July 5–10, 2021.

P.22 Janghee Cho* and **Stephen Voida**. 2020. Envisioning new productivity tools for domestic information work environments. Position paper for the MSR New Future of Work Workshop, August 3–5, 2020.

P.21 Janghee Cho* and **Stephen Voida**. 2020. Supporting critical reflection through tangible interaction: A holistic perspective on time management with "Time Machines." Position paper for the Mental Wellbeing Workshop: Future Agenda Drawing from Design, HCI and Big Data, held in conjunction with the ACM Conference on Designing Interactive Systems (DIS2020), July 6–7, 2020.

P.20 Fuji Robledo*, Amy Voida, and **Stephen Voida**. 2020. Helping the helpers: Understanding technological tools used by mental health providers. Position paper for Mental Wellbeing Workshop: Future Agenda Drawing from Design, HCI and Big Data, held in conjunction with the ACM Conference on Designing Interactive Systems (DIS2020), July 6–7, 2020.

P.19 Janghee Cho* and **Stephen Voida**. 2019. Toward critical reflection: Observing practices of noticing to develop interventions in personal informatics. Position paper for the workshop on Exploring Noticing as Method in Design Research, held in conjunction with the ACM Conference on Designing Interactive Systems (DIS2019), June 24, 2019, San Diego, CA.

P.18 Lucy Van Kleunen* and **Stephen Voida**. 2019. Controlling disclosure of personal health data. Design brief for the 2019 Privacy Design Forecast, adjudicated by the Shorenstein Center on Media, Politics and Public Policy at Harvard University's Kennedy School. Presented from 2019–2021 online at https://privacy.shorensteincenter.org/controlling-disclosure

P.17 Wendy Norris*, **Stephen Voida**, Leysia Palen, and Kenneth M. Anderson. 2019. Unwinding pluritemporal time in digital humanitarian crowdwork. Position paper for the workshop on The Future of Work, held in conjunction with the 2019 CHI Conference on Human Factors in Computing Systems (CHI '19), May 5, 2019, Glasgow, Scotland.

P.16 Lucy Van Kleunen* and **Stephen Voida**. 2018. From personal to collective informatics. Position paper for the CSCW 2018 workshop on Social Issues in Personal Informatics, held in conjunction with the 21st ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW 2018), November 4, 2018, Jersey City, NJ, November 4.

P.15 Wendy Norris* and **Stephen Voida**. 2017. Models and metaphors of temporality: Supporting individual- and group-based time-management and coordination work. Position paper for the symposium on HCI Across Borders, held in conjunction with the ACM CHI Conference on Human Factors in Computing Systems (ACM CHI 2017), May 6–7, 2017, Denver, CO.

P.14 Wendy Norris* and **Stephen Voida**. 2017. Temporality in crisis informatics: Representations and integrations of time in humanitarian crowd work. Position paper for the graduate student workshop on Grand Challenges for Crisis Informatics Researchers, May 6, 2017, Boulder, CO.

P.13 Wendy Norris* and **Stephen Voida**. 2017. Temporality in crisis informatics: Representations of time in digital humanitarian systems. Position paper for the Theory Transfers? Social Theory and CSCW Research workshop, held in conjunction with the 20th ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW 2017), February 25–March 1, 2017, Portland, OR.

P.12 Vera Khovanskaya*, Phil Adams*, Eric P. S. Baumer, **Stephen Voida**, and Geri Gay. 2013. The value of a critical approach to personal health informatics. Position paper for the workshop on Personal Informatics in the Wild: Hacking Habits for Health & Happiness, held in conjunction with the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI 2013), April 27–28, 2013, Paris, France.

P.11 **Stephen Voida**, Tanzeem Choudhury, Geri Gay, Mark Matthews, Phil Adams*, Mashfiqui Rabbi*, J. P. Pollak, Mengxi (Chrissie) Chi*, and Matthew Green*. 2013. Personal informatics can be stressful: Collecting, reflecting, and embedding stress data in personal informatics. Position paper for the workshop on Personal Informatics in the Wild: Hacking Habits for Health & Happiness, held in conjunction with the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI 2013), April 27–28, 2013, Paris, France.

P.10 **Stephen Voida**. 2008. Personal information organization and retrieval using an activity-based desktop interface. Position paper for the Second Workshop on Human–Computer Interaction and Information Retrieval (HCIR 2008), October 23, 2008, Redmond, WA.

P.9 **Stephen Voida**, Elizabeth D. Mynatt, and W. Keith Edwards. 2007. Giornata: Re-envisioning the desktop metaphor to support activities in knowledge work. Interactive demonstration presented at the 20th ACM Symposium on User Interface Software and Technology (UIST 2007), October 7–10, 2007, Newport, RI.

P.8 **Stephen Voida** and Elizabeth D. Mynatt. 2006. Activity representations and tagging in support of resource organization and collaboration. Position paper for the workshop on Awareness in Activity-Centric Groupware Design, held in conjunction with the ACM Conference on Computer Supported Cooperative Work (CSCW 2006), November 4, 2006, Banff, AB.

P.7 **Stephen Voida**. 2006. All in a day's work: User interface design for multitasking, resource organization, and collaboration in knowledge work. Doctoral symposium presentation at the 19th Annual ACM Symposium on User Interface Software and Technology (UIST 2006), October 15–18, 2006, Montreux, Switzerland.

P.6 **Stephen Voida**, Elizabeth D. Mynatt, and W. Keith Edwards. 2005. Towards activity-centered sharing. Position paper for the workshop on Activity — From a Theoretical to a Computational Construct, held in conjunction with the 9th European Conference on Computer-Supported Cooperative Work (ECSCW '05), September 19, 2005, Paris, France.

P.5 **Stephen Voida** and Elizabeth D. Mynatt. 2005. Context histories, activities, and abstractions: Ubiquitous computing support for individual and collaborative work. Position paper for the 1st International Workshop on Exploiting Context Histories in Smart Environments (ECHISE 2005), held in conjunction with the 3rd International Conference on Pervasive Computing (PERVASIVE 2005), May 11, 2005, Munich, Germany.

P.4 **Stephen Voida**, W. Keith Edwards, and Mark W. Newman. 2004. The Sharing Palette: A user interface for file and service sharing. Poster presented at the Seventeenth Annual ACM Symposium on User Interface Software and Technology (UIST 2004), October 24–27, Santa Fe, NM.

P.3 **Stephen Voida**, Blair MacIntyre, and Elizabeth D. Mynatt. 2002. Supporting collaboration in a context-aware office computing environment. Position paper for the workshop on Public, Community, and Situated Displays: Design Use, and Interaction Around Shared Information Displays, held in conjunction with the 2002 ACM Conference on Computer Supported Cooperative Work (CSCW02), November 16, 2002, New Orleans, LA.

P.2 **Stephen Voida**, Elizabeth D. Mynatt, and Blair MacIntyre. 2002. Supporting collaboration in a context-aware office computing environment. Position paper for the workshop on Collaboration with Interactive Walls and Tables, held in conjunction with the Fourth International Conference on Ubiquitous Computing (UbiComp 2002), September 29, 2002, Göteborg, Sweden.

P.1 Klaus Marius Hansen, Blair MacIntyre, Elizabeth D. Mynatt, Joe Tullio, and **Stephen Voida**. 2001. Hypermedia in the Kimura system: Using spatial, temporal, & navigational relationships to support multitasking and background awareness. Student poster presented at the 12th ACM Conference on Hypertext and Hypermedia (HYPERTEXT '01), August 14–18, 2001, Århus, Denmark.

Invited Opinion/Commentary Articles and Whitepapers

O.4 Michael Hoefer*, **Stephen Voida,** and Robert D. Mitchell. 2022. Faith informatics: Supporting development of systems of meaning-making with technology. ACM *interactions* research blog post (July 25, 2022). Available at https://interactions.acm.org/blog/view/faith-informatics-supporting-development-of-systems-of-meaning-making-with

O.3 Casey Fiesler, William Aspray, Lecia Barker, Jed Brubaker, Laura Devendorf, Brian Keegan, Leysia Palen, Michael Paul, Danielle Szafir, Ricarose Roque, Rick Robinson, Amy Voida, and **Stephen Voida**. 2017. Information science at CU. *interactions* 24, 4 (July–Aug. 2017), 18–21. doi:10.1145/3097266

O.2 **Stephen Voida**. 2014. What are you reading? *interactions* 21, 6 (Nov.–Dec. 2014), 12. doi:10.1145/2675315

O.1 **Stephen Voida.** 2012. Commentary on "Activity Theory" by Victor Kaptelinin. *interaction-design.org Encyclopedia of Human-Computer Interaction.* Available online at: https://www.interaction-design.org/encyclopedia/activity_theory.html#stephen+voida

Technical Reports (non–peer-reviewed)

TR.2 Saul Greenberg, **Stephen Voida**, and Nathan Stehr*. 2010. *Artifact Buddy: The video* Research Report 2010-983-32. University of Calgary, Calgary, AB. doi:10.11575/PRISM/30642

TR.1 Amy Mitchell, **Stephen A. Voida**, Jessica Paradise, Chris C. Martin, and Elizabeth D. Mynatt. 2000. *Ictus: A user-centered system of score study for novice conductors*. Technical Report GIT-GVU-00-08. Graphics, Visualization, and Usability Center, Georgia Institute of Technology, Atlanta, GA. Available online at: https://hdl.handle.net/1853/3418

Theses & Dissertations

T.1 **Stephen Voida.** 2008. *Exploring user interface challenges in supporting activity-based knowledge work practices*. Ph.D. dissertation. Georgia Institute of Technology, Atlanta, Georgia. UMI Order Number: AAT 3327674.

Software Artifacts

A.16 *SugarSentinel* (2024–present)
A native iOS app that integrates with Apple HealthKit to estimate the situational awareness of adolescents and young adolescents who are managing type-1 diabetes, responding with targeted "nudge" notifications to encourage improved glycemic control. Technical contributions of the system include predicting meal timing and exercise episodes, even in the absence of explicit user inputs. Ongoing work includes the design of reflective situational awareness visualizations and incorporation of generative AI prompts to provide narrative explanations of sensed data and (clinically vetted) recommendations for ways to improve self-awareness of blood glucose variations and increase time in range.

A.15 *Anxiety Shredder* (2021–present)
A cross-platform (iOS-, Android-, and web browser-compatible), React-based JavaScript app that serves as an interactive implementation of Dr. Scott Cypers' F.A.C.E. Your Fears anxiety exposure and training curriculum for adolescents and young adults. The *Anxiety Shredder* prototype includes a web-based dashboard interface for identifying various common sources of teen and young adult anxiety and the specific characteristics of those experiences that lead to anxious feelings for an individual user, as well as a winter-sports themed mobile app component that interactively generates daily anxiety exposure "challenges" to facilitate self-practice and mastery over anxious feelings.

A.14 *mood:sync* (2021–present)
A cross-platform (iOS-, Android-, and web browser-compatible), React-based JavaScript app that serves as a flexible and extensible platform for conducting *in situ* evaluations of self- and co-tracking interfaces for managing bipolar disorder. Areas of initial investigation and deployment include co-tracking features that distribute the work of monitoring moods and triggers among members of a social support network, as well as the design of a visual programming language enabling personalized data collection using arbitrary variables of interest collaboratively identified by patients and their clinical partners. See also [C.24, S.17].

A.13 Time Machines (2015–present)
A family of tangible/ambient computing devices that create physical representations of the intangible phenomena of time spent (and budgeted to be spent) on various activities throughout the day. Current Time Machines prototypes include (1) passive devices utilizing Arduino controllers, servos, and granular wax to create layered representations of time spent during the day; (2) interactive devices built using Arduino controllers, strain gauges, light sensors, LEDs, servos, and physical marbles to create manipulable time budgets and produce a record of multitasking behaviors; and (3) ambient displays based on Philips HUE lights to display subtle task and pacing cues in a work environment. Software incorporates some electronic activity logging capabilities previously developed as part of the ZotLog system [A.9]; see also [P.21, P.22].

A.12 *SESAME (Stress Experience Sampling And Measurement Experiment)* (2013).
An Android app that combines continuous sensing of an individual's behavior (e.g., physical activity via accelerometer; location via GPS and trilateration by Wi-Fi and cellular signal strengths; and stress levels via variations in vocal prosody) with experience sampling-driven self-report of stress level and mood in order to evaluate the capability of a smartphone to reliably detect affective states and stress levels in unconstrained and noisy real-world environments. See also [C.17, P.11].

A.11 *MoodRhythm* (2012)
Co-supervised design and implementation by an interdisciplinary team of MPS and BS students, in collaboration with postdoctoral fellow Mark Matthews (Trinity College, Dublin)
A cross-platform (iOS and Android) mobile app implementing the five-item Social Rhythm Metric (SRM-II-5)—a key component of Interpersonal Social Rhythm Therapy, a clinical treatment for individuals with bipolar disorder—and that features the use of smartphone sensors to automate data entry and ambient information display techniques to encourage sustained engagement and reflect long-term adherence to social and circadian rhythms. See also [J.6, C.18, S.4, S.5, P.11].

A.10 *InterruptMe* (2010)
A C#/WPF application demonstrating how availability information might be shared among members of a workgroup, balancing the just-in-time information-seeking needs of potential interrupters with interruptees' individual privacy preferences. See also [C.12, S.3].

A.9 *ZotLog* (2010)
A multiple-modality (i.e., environmental, physiological, virtual activity) logging platform that uses event hooks in the Windows operating system and Phidgets-based sensors to gather data about the multitasking and collaboration practices of office information workers. See also [C.13].

A.8 *iLoupe* and *iPodLoupe* (2009)
A pair of interaction techniques—one implemented as an interface widget; the other, as a companions iOS 4 app—for exploring, manipulating, and annotation high-resolution data on interactive tabletop systems. See also [C.11, S.1].

A.7 *WikiFolders* (2008)
https://svoida.github.io/wikifolders/ and *https://sourceforge.net/projects/wikifolders/* [legacy]
An extension to the OS X Finder that gives users the ability to apply detailed annotations to filesystem folders using a wiki-like syntax. See also [C.10].

A.6 *MEdia Space* (2008)
http://grouplab.cpsc.ucalgary.ca/cookbook/index.php/Demos/MEdiaSpace
An implementation of a two-node media space augmented with motion sensors and a door actuator, where both nodes are "owned" by a single information worker that allow her to remotely inhabit her workplace office. See also [C.7].

A.5 *Giornata* (2006)
https://github.com/svoida/giornata/ and *https://sourceforge.net/projects/giornata/* [legacy]
A Cocoa application that augments the existing OS X desktop with a number of activity-oriented features, including a flexible number of virtual desktops; lightweight, per-activity document storage; and a palette interface that provides easy access to those colleagues who are most relevant to the current activity. See also [B.2, C.6, C.9, P.7, P.8, P.9, P.10, T.1].

A.4 *BuzzTrack* (2004)
An experience sampling and data collection application designed to establish the parameters for an activity switch detection algorithm based on the frequency of window focus changes. See also [C.4].

A.3 *Sharing Palette* (2004)
A lightweight, palette-style interface for sharing files and computational resources that exemplifies a hybrid model for information sharing, based on shortcomings I identified in traditional push-oriented (e.g., e-mail) and pull-oriented (e.g., shared folder) sharing mechanisms. See also [C.5, P.4].

A.2 *Everywhere Displays Immersive Workspace Simulator* (2003)
A Java application that simulates a future workspace augmented with multiple steerable projectors and enables researchers to perform "Wizard of Oz"-style exploratory studies to elicit people's preferences for managing and interacting with projected content. See also [C.3].

A.1 *Kimura* (2000)
Led the design and implementation of the system in a multi-student research team
An immersive office environment intended to assist information workers in managing multiple activities. The distributed system is comprised of custom virtual desktop software that runs on a focal desktop computer and several electronic whiteboards that serve as projected peripheral displays of background activities. See also [J.1, J.2, B.1, C.1, P.1, P.2, P.3, P.5, T.1].

Research Grants and Fellowships Awarded

Total grants and fellowships awarded to date: ***$1,875,756*** *($1,688,631 as Principal Investigator)*

Building Modular Pipelines for Integrating Imaging Spectroscopy and LiDAR Data into Biodiversity via Microservices Architecture (January 2026–June 2027)
Principal Investigator, with Future Investigator Kit Lewers (University of Colorado Boulder)
NASA F.5 Future Investigators in Earth and Space Science and Technology Program, Award Number 80NSSC25K0482
$75,000

Developing Intercultural Competence in Information Scientists (August 2024–August 2025}
Co-Principal Investigator with Amy Voida (University of Colorado Boulder)
Payden Teaching Excellence Grant awarded by the University of Colorado Boulder College of Media, Communication, and Information
$10,000

Partial Support for the 2023 and 2024 Consortium for the Science of Sociotechnical Systems Research Summer Institutes (May 2023–October 2024)
Co-PI, with PI Amy Voida (University of Colorado Boulder)
Awarded by the Alfred P. Sloan Foundation, Award Number G-2023-20870
$84,000

NSF Student Travel Grant for the 2023 Consortium for the Science of Sociotechnical Systems Summer Research Institute (CSST 2023) (May 2023–April 2024)
Principal Investigator, with Co-PI Amy Voida (University of Colorado Boulder)
Awarded by the National Science Foundation, Award Number IIS-2323167
$19,982

CSST Summer Institute 2020: Supporting Doctoral Students and Emerging Scholars in Privacy, Security, and Ethics-related Socio-Technical Systems Research (March 2023–August 2023)
Subcontract Principal Investigator, with PI James Howison (University of Texas, Austin) and Subcontract Co-PI Amy Voida (University of Colorado Boulder)
Awarded by the National Science Foundation, Award Number SES-2012179
$9,789

The Summer Research Institute of the Consortium for the Science of Sociotechnical Systems (CSST) (February 2023–August 2023)
Principal Investigator, with Co-PI Amy Voida (University of Colorado Boulder)
Awarded by the SIGCHI Development Fund
$10,000

CU Boulder Faculty Conference Award: 2023 Consortium for the Science of Sociotechnical Systems (CSST) Summer Research Institute (September 2022–August 2023)
Co-PI, with Co-PI Amy Voida (University of Colorado Boulder)
Awarded by the Research & Innovation Office, University of Colorado Boulder
$3,000

Striking a Balance: Trust and Privacy in Using Adolescents' Data for Diabetes Self-Management (September 2022–June 2026)
Principal Investigator
Awarded by the National Center for Complementary and Integrative Health (National Institutes of Health), Award Number R01AT012288
$1,194,505

Discovery Learning Apprenticeship Award: Socially Aware Personal Informatics Technologies for Mental Wellness (August 2021–May 2022)
Principal Investigator
Awarded by the College of Engineering and Applied Sciences, University of Colorado Boulder
$1,800

Discovery Learning Apprenticeship Award: Socially Aware Personal Informatics Technologies for Mental Wellness (August 2020–May 2021)
Principal Investigator
Awarded by the College of Engineering and Applied Sciences, University of Colorado Boulder
$1,800

Inaugural CWI Seed Grant: Socially Aware Personal Informatics Technologies for Mental Wellness (July 2020–June 2021)
Principal Investigator
Awarded by the Renée Crown Wellness Institute, University of Colorado Boulder
$39,982

Discovery Learning Apprenticeship Award: Tangible Interfaces for Personal Task Management (August 2016–May 2017)
Principal Investigator
Awarded by the College of Engineering and Applied Sciences, University of Colorado Boulder
$1,800

Emerging Research Team: Exploring the Future of Work (June 2016–July 2016)
Co-PI, with Co-PIs Ingrid Erickson (Rutgers University), Jeff Hemsley (Syracuse University), Mohammad Jarrahi (University of North Carolina, Chapel Hill), and Amir Karami (University of South Carolina)
Awarded by the Consortium on Sociotechnical Systems Summer Research Institute, in conjunction with NSF ACI-1144934
$3,125 (CU portion, $625)

Glanceable, Peripheral Haptic, and Audible Displays: Supporting Wearable Display Ecologies for Personal Informatics (October 2014–December 2015)
Principal Investigator
Google Faculty Research Award
$55,673

IU Overseas Conference Grant (July 2013)
Principal Investigator
Awarded by the Office of the Vice President for International Affairs, Indiana University
$800

MoodRhythm: Supporting Individuals with Bipolar Disorder to Establish Stable and Regular Daily Routines (May 2013–April 2014)
Co-PI, with Co-PIs Geri Gay (Cornell University), Mark Matthews (Cornell University), and Ellen Frank (University of Pittsburgh Medical Center)
Awarded by the Cornell University Bronfenbrenner Center for Translational Research
$12,000

Activity-Awareness Everywhere: A Smartphone Infrastructure for Studying and Supporting Ubiquitous Multitasking in Information Work (June 2011–May 2012)
Co-PI, with PI Gloria Mark (UC Irvine)
Google Faculty Research Award
$60,000

Changing Multitasking in the Workplace: Improving Efficiency, Productivity, and Self-Initiative (June 2010–May 2011)
Co-Investigator, with PI Gloria Mark (UC Irvine)
Awarded by the U.S. Army Natick Soldier Research, Development & Engineering Center
$25,000

CCC/CRA Computing Innovation Fellowship (October 2009–September 2011)
Principal Investigator, with faculty mentor Gloria Mark (UC Irvine)
Awarded by the Computing Community Consortium/Computing Research Association, in conjunction with NSF CNS-0937060
$267,500

Invited Talks and Presentations

Information management strategies for information science scholars: Lessons learned from research in multitasking and self-reflection and teaching computation for research.
Information Science Departmental Seminar, University of Colorado Boulder, Boulder, Colorado, September 2025.

Striking a balance: Trust and privacy in using adolescents' data for diabetes self-management.
2025 International Congress on Integrative Medicine and Health, Seattle, Washington, March 2025.

Studying personal [health] informatics through a ubiquitous computing lens.
GroupLens Research Group, University of Minnesota, Twin Cities, Minneapolis, Minnesota, January 2025.

Lessons from COVID-19: Time management, productivity, and "busyness."
Microsoft Research Summit 2021, Online. October 2021.

Rethinking productivity, noticing, and reflecting: Strategies and tools for responding to the changing landscape of work.
CU Boulder Health and Wellness Summit: "Endurance in the Face of Uncertainty," University of Colorado Boulder, Boulder, Colorado, October 2020.

Mental health informatics: Designing for the personal and interpersonal data practices of managing serious mental illness.
Information Science Departmental Seminar, University of Colorado Boulder, Boulder, Colorado, December 2019.

Human–data interaction meets climate change (invited panel, co-presented with PhD student Lucy Van Kleunen).
MetroLab Network Annual Summit 2019, Boulder, Colorado, September 2019.

Personal health informatics at a crossroads: Addressing the pathology of bipolar disorder and supporting the social ecologies of long-term mental health management in mHealth design.
Keynote address, Human-Habitat for Health ("H3") Workshop, International Conference on Multimodal Interaction. Boulder, Colorado, October 2018.

ATLAS Colloquium Series, University of Colorado Boulder, Boulder, Colorado, October 2018.

From trace data to reflective personal informatics.
dub Interdisciplinary Research Seminar, University of Washington, Seattle, Washington, October 2016.

Interactive systems prototyping to explore information management and temporality.
Human-Centered Computing Interdisciplinary Research Seminar, University of Colorado Boulder, Boulder, Colorado, March 2016.

Responding to information overload: Designing to support people in juggling their tasks, email, and time.
CU Libraries Faculty Research Seminar, University of Colorado Boulder, Boulder, Colorado, March 2016.

Understanding and mitigating information overload—From personal computing to mobile and ubiquitous computing ecosystems.

Department of Computer Science, University of Colorado Boulder, Boulder, Colorado, January 2015.

Fit'n Bits: Evaluation of the FitBit's user friendliness and motivation (invited talk and poster presentation, co-presented with BS student Jessica Despard).
20th Annual Indiana University Undergraduate Research Conference, Indiana University Bloomington, Bloomington, Indiana, November 2014.

Personal information interfaces.
IUPUI Research Day, Indiana University–Purdue University Indianapolis, Indianapolis, Indiana, April 2014.

Understanding and mitigating information overload—From personal to ubiquitous computing.
Department of Software and Information Systems, University of North Carolina at Charlotte, Charlotte, North Carolina, March 2013.

Information Systems Department Seminar, New Jersey Institute of Technology, Newark, New Jersey, February 2013.

Informatics Colloquium, Indiana University–Purdue University Indianapolis, Indianapolis, Indiana, February 2013.

Understanding and mitigating the evolving challenges of information overload: From personal to ubiquitous computing.
School of Informatics and Computing Colloquium Series, Indiana University, Bloomington, Indiana, February 2013.

Responding to information overload: Interfaces, interaction techniques, and context-aware infrastructures.
Information Studies Brown Bag, Syracuse University, Syracuse, New York, February 2013.

User interface design to support real-world information work practices.
Department of Informatics Friday Seminar, University of California, Irvine, Irvine, California, April 2010.

Software Development Group, IT University of Copenhagen, Copenhagen, Denmark, June 2019.

School of Information, University of Michigan, Ann Arbor, Michigan, February 2019.

Department of Computer Science, University of British Columbia, Vancouver, British Columbia, January 2019.

Personal information management in context: Using virtual and physical cues to support self reflection, resource organization, and interpersonal awareness.
Information Science Breakfast Series, Cornell University, Ithaca, New York, October 2012.

Activity-based user interfaces.
Interactions Laboratory, Department of Computer Science, University of Calgary, Calgary, Alberta, September 2007.

The Augmented Office project.
IBM T.J. Watson Research Center, Yorktown Heights, New York, July 2002.

Selected Media Coverage of Research

Broadcast Media

Your health: Building a smarter bionic pancreas for type 1 diabetes, Ivanhoe Newswire, July 30, 2024. https://www.wafb.com/2024/07/30/your-health-building-smarter-bionic-pancreas-type-1-diabetes/

News You Can Use. *Nightlife with Tony Delroy*, Australian Broadcasting Corporation Radio, May 9, 2012.

Email is wrecking your life (interview with study co-author Gloria Mark). *Marketplace Tech Report from American Public Media*, May 4, 2012. http://www.marketplace.org/topics/tech/target-vs-amazon-battle-over-showrooming

Online and Print Media

A sabbatical can be magical even if it's not a total break from work. June 19, 2025. https://www.theglobeandmail.com/business/careers/management/article-a-sabbatical-can-be-magical-even-if-its-not-a-total-break-from-work/

The case for the 6-hour workday. *Harvard Business Review*, December 11, 2018. https://hbr.org/2018/12/the-case-for-the-6-hour-workday

The most honest out-office message. *The Atlantic*, June 21, 2018. https://www.theatlantic.com/technology/archive/2018/06/out-of-office-message-email/562394/

The route to salvation lies in your inbox. *Financial Times*, December 21, 2017. https://www.ft.com/content/8742e920-e4d6-11e7-8b99-0191e45377ec

What happened when I gave up multitasking for a week. *Fast Company*, July 26, 2016. https://www.fastcompany.com/3062183

No, really. Take a vacation. Your co-workers will manage just fine without you. *The Washington Post*, July 1, 2016. https://www.washingtonpost.com/posteverything/wp/2016/07/01/take-a-vacation-your-coworkers-will-manage-just-fine-without-you/

What happened when 13 workers quit email for a week. *Fast Company*, March 14, 2016. https://www.fastcompany.com/3057727

Company bans email for 1 week, employee stress levels plummet. *Time*, November 12, 2015. http://time.com/money/4110094/work-email-ban-italy/

Is email evil? *The Atlantic*, November 12, 2015. http://www.theatlantic.com/technology/archive/2015/11/kill-email-die-email/415419/

Inbox Zero vs. inbox 5,000: A unified theory. *The Atlantic Technology*, May 27, 2015. http://www.theatlantic.com/technology/archive/2015/05/why-some-people-cant-stand-having-unread-emails/394031/

Work smart: These simple tricks will help you regain your dwindling focus. *Fast Company*, May 13, 2015. http://www.fastcompany.com/3046196/work-smart/these-simple-tricks-will-help-you-regain-your-dwindling-focus

Losing focus: Why tech is getting in the way of work. *BBC News*, May 8, 2015. http://www.bbc.com/news/business-32628753

Don't multitask: Your brain will thank you. *Inc.* April 8, 2013. http://www.inc.com/magazine/201304/issie-lapowsky/get-more-done-dont-multitask.html

Machines of laughter and forgetting. *New York Times*, March 30, 2013. http://www.nytimes.com/2013/03/31/opinion/sunday/morozov-machines-of-laughter-and-forgetting.html

E-mail stress test: Experiment unplugs workers for 5 days. *Los Angeles Times*, September 1, 2012. http://articles.latimes.com/2012/sep/01/science/la-sci-email-stress-20120901

E-mail hiatus reduces employee stress. *UPI.com*, September 1, 2012. http://www.upi.com/Health_News/2012/09/01/E-mail-hiatus-reduces-employee-stress/UPI-70971346514484/

Is it possible to just check e-mail twice a day? *The Globe and Mail*, May 13, 2012. http://www.theglobeandmail.com/life/relationships/is-it-possible-to-check-e-mail-just-twice-a-day/article4170257/

An 'email vacation' could save your health. *U.S. News & World Report Health*, May 11, 2012. http://health.usnews.com/health-news/news/articles/2012/05/11/email-vacations-boost-job-productivity-lower-stress-study

Study of the day: Email breaks at work reduce stress, improve productivity. *The Atlantic Health*, May 9, 2012. http://www.theatlantic.com/health/archive/2012/05/study-of-the-day-email-breaks-at-work-reduce-stress-improve-productivity/256796/

Skip work email, reduce heart stress. *UPI.com*, May 8, 2012. http://www.upi.com/Science_News/Technology/2012/05/08/Skip-work-e-mail-reduce-heart-stress/UPI-59021336456038/

Daily trick to kill stress, improve health. *Inc.*, May 7, 2012. http://www.inc.com/jessica-stillman/all-you-need-to-de-stress-is-an-email-vacation.html

Shut off email to ease work stress. *60-Second Mind Podcast, Scientific American*, May 7, 2012. http://www.scientificamerican.com/podcast/episode.cfm?id=shut-off-e-mail-to-ease-work-stress-12-05-07

The latest 'ordinary thing that will probably kill you'? Email. *The Atlantic*, May 4, 2012. http://www.theatlantic.com/technology/archive/2012/05/the-latest-ordinary-thing-that-will-probably-kill-you-email/256742/

You knew this: Work emails are bad for your health, study finds. *Los Angeles Times*, May 3, 2012. http://www.latimes.com/business/technology/la-fi-tn-work-emails-are-bad-for-your-health-study-finds-20120503,0,7199881.story

Teaching

Undergraduate Courses

University of Colorado Boulder

INFO 4747: Defamiliarizing Data: The Ethnography and Design of Making Data Strange
- Summer 2026 (cross-listed as INFO 5747): 10 students, *co-taught with Amy Voida, to be conducted as a CU Boulder Global Seminar in Sydney, Australia and Auckland, New Zealand*
- Summer 2025 (cross-listed as INFO 5747): 11 students, *co-taught with Amy Voida, conducted as a CU Boulder Global Seminar in London, UK*
- Summer 2024 (cross-listed as INFO 5747): 7 students, *new course, co-taught with Amy Voida, conducted as a CU Boulder Global Seminar in London, UK*

INFO 1121: Designing Interactions *(Information Science undergraduate "foundations" course)*
- Spring 2026: 117 students
- Spring 2024: 120 students
- Spring 2022: 121 students, *new prep*

INFO 4871/3509[1]: Personal Health Informatics
- Fall 2024 (cross-listed as INFO 5871): 23 students
- Spring 2022 (cross-listed as INFO 5871): 24 students
- Fall 2020 (cross-listed as INFO 5871): 12 students, *new course, conducted online due to COVID-19*

INFO 4871/4611[1]: Experience Design in Ubiquitous Computing
- Spring 2021: 29 students*, conducted online due to COVID-19*
- Spring 2019 (cross-listed as INFO 5611): 28 students, *resulted in two publications* [S.14, S.15]
- Spring 2017 (cross-listed as INFO 5871): 12 students, *new course, resulted in two publications* [S.11, S.12]

INFO 4871: Investigations in Information Science: Personal Information Management
- Fall 2019: 17 students, *new course*

INFO 1201: Computational Reasoning 1: Expression & Media Transformation (*CMDI core)*
- Fall 2017: 105 students
- Fall 2016, 126 students, *new course, co-taught with Danielle Szafir*

Indiana University (IUPUI)

INFO-I480: Experience Design and Evaluation of Ubiquitous Computing
- Fall 2014: 5 students
- Spring 2014: 10 students
- Fall 2013: 11 students, *new course*

[1] Course officially renumbered following an initial delivery as a special topics course

University of California, Irvine

IN4MATX 148: Ubiquitous Computing Prototyping & Projects
Spring 2012: 28 students, *major course redesign*

Georgia Institute of Technology

CS 1315: Introduction to Media Computation
Fall 2004: 25 students, *served as independent instructor for recitation section*
Fall 2003: 25 students, *served as graduate teaching assistant for recitation section*

Graduate Courses

University of Colorado Boulder

INFO 5747: Defamiliarizing Data: The Ethnography and Design of Making Data Strange
Summer 2026 (cross-listed as INFO 4747): 1 student, *co-taught with Amy Voida, to be conducted as a CU Boulder Global Seminar in Sydney, Australia and Auckland, New Zealand*
Summer 2025 (cross-listed as INFO 4747): 2 students, *co-taught with Amy Voida, conducted as a CU Boulder Global Seminar in London, UK*
Summer 2024 (cross-listed as INFO 4747): 1 student, *new course, co-taught with Amy Voida, conducted as a CU Boulder Global Seminar in London, UK*

INFO 6301: Computation for Research
Fall 2025: 7 students
Fall 2023: 10 students
Fall 2021: 6 students*, hybrid (online/in-person) delivery*
Spring 2020: 7 students*, conducted partially online due to COVID-19*
Fall 2018: 10 students, *new course, resulted in one publication* [J.16]

INFO 5871: Personal Health Informatics
Fall 2024 (cross-listed as INFO 3509): 4 students
Spring 2022 (cross-listed as INFO 4871): 9 students, *resulted in one publication* [C.30]
Fall 2020 (cross-listed as INFO 4871): 1 student, *new course, conducted online due to COVID-19, resulted in one publication* [C.26]

INFO 5871/5611[1]: Experience Design in Ubiquitous Computing
Spring 2021: 5 students, *major course redesign, conducted online due to COVID-19*
Spring 2019 (cross-listed as INFO 4611): 6 students, *resulted in two publications* [S.14, S.15]
Spring 2017 (cross-listed as INFO 4871): 5 students, *new course, resulted in two publications* [S.11, S.12]

Indiana University (IUPUI)

INFO-H564: Prototyping for Interactive Systems
Spring 2015: 15 students, *major course redesign, hybrid (online/in-person) delivery*

INFO-H566/INFO-I5901: Experience Design of Ubiquitous Computing
Spring 2015: 30 students
Spring 2014: 22 students, *new course, resulted in five publications* [S.6, S.7, S.8, S.9, S.10]

Georgia Institute of Technology

CS 7470: Ubiquitous Computing
Fall 2006: 4 students, *major redesign for MS students at GT Lorraine (European campus)*

CS 4452: Human-Centered Computing Concepts
Fall 2004: 6 students, *new course, served as independent instructor for recitation section*

Guest Lectures/Class Presentations

University of Colorado Boulder

ATLS 1300: Computational Foundations 1, research overview, Fall 2024
INFO 1121: Designing Interactions, survey of research design exemplars, Summer 2024
INFO 2131: Information Ecosystems, research overview, Fall 2021
INFO 2131: Information Ecosystems, research panel, Fall 2018
INFO 7000: Introduction to Doctoral Studies in Information Science, research overview, Fall 2016
CMCI 1010: Concepts & Creativity 2—Information Module, two topic lectures, Spring 2016

Indiana University (IUPUI)

INFO-H624: Advanced Seminar I, research overview talk, Fall 2014
INFO-I305: Introduction to Research in Informatics, research overview talk, Fall 2013
INFO-H534: Seminar in Human–Computer Interaction, research overview talk, Fall 2013
INFO-I667: Seminar in Health Informatics I, research overview talk, Fall 2013

University of Calgary

Intro to Cocoa: A crash course in programming Macs, iPhones & iPod Touches, research workshop, August 2009

Graduate Student Research Advising

Doctoral Dissertation Advising

University of Colorado Boulder

Zoe (Z) Fisher, Information Science (co-advised with ENVD Assistant Professor and INFO courtesy faculty member Elena Sabinson), 2024–present *(anticipated completion of PhD 2029)*

Kristen (Kit) Lewers, Information Science, 2022–present *(anticipated completion of PhD 2027)*

Tian Xu, Information Science, 2021–present *(anticipated completion of PhD 2026)*

Dr. Michael Hoefer, Computer Science/Cognitive Science, 2020–2024
Currently: Assistant Professor in the Department of Computer and Information Sciences, University of St. Thomas, St. Paul, Minnesota

Dr. Janghee Cho, Information Science, 2018–2023
Currently: Assistant Professor in the Division of Industrial Design, National University of Singapore, Singapore

Dr. Fuji Robledo Yamamoto, Information Science (co-advised with Amy Voida), 2018–2022
Currently: Research Project Manager at mpathic, Bellevue, Washington

Dr. Lucy Van Kleunen, Computer Science, 2018–2020

Dr. Wendy Norris, Information Science, 2017–2020
Currently: Tenured Associate Professor in the interdisciplinary Institute for Technology, Artificial Intelligence, and Society, Nazareth College, Pittsford, New York

Dr. Jason Zietz, Computer Science/Cognitive Science/Neuroscience "Triple" PhD (co-advised with McKell Carston), 2016–2019
Currently: Associate Teaching Professor in the Department of Information Science, University of Colorado Boulder, Boulder, Colorado

Indiana University (IUPUI)

Dr. Yuan Jia, Human–Computer Interaction (formally co-advised by Davide Bolchini after I accepted an appointment at CU Boulder), 2014–2018
Currently: Researcher at Google Cloud UX

Jessica Despard, Human–Computer Interaction, 2015, *interim/transitional advisor*

Dr. Victor Cornet, Human–Computer Interaction, 2014–2015

Doctoral Dissertation Committee Member (external)

Sharmin Ahmed, Computer Science, University of Utah, 2025–present

Clara-Maria Barth, Informatics, University of Zürich, 2025–present

Dr. Surely Akiri, Human-Centered Computing, University of Maryland, Baltimore County, 2023–2025

Dr. Debaleena Chattopadhyay, Human–Computer Interaction, Indiana University (IUPUI), 2014–2016

Dr. Afarin Pirzadeh, Human–Computer Interaction, Indiana University (IUPUI), 2014–2015

Doctoral Dissertation Committee Member (internal)

University of Colorado Boulder

Faye Kollig, Information Science, Spring 2026–present

Temidayo Olorunsogo, Information Science, Fall 2025–present

Deepika Rama Subramanian, Information Science, 2024–present

Dr. Dylan Doyle-Burke, Information Science, 2023–2025

Abigail Zimmerman-Niefield, Computer Science, 2021–2022

Dr. Jordan Wirfs-Brock, Information Science, 2021–2022

Dr. Darren Guinness, Computer Science, 2021–2022

Dr. Afnan Meshan Y Aldhahri, Computer Science, 2019–2020

Dr. Himan Abdollahpouri, Information Science, 2019–2020

Dr. Reem Albaghli, Computer Science, 2017–2018; *proposal stage only*

Dr. Mazin Hakeem, Computer Science, 2017–2019

Dr. Rsha Mirza, Computer Science, 2016–2019

Indiana University (IUPUI)

Dr. Likun (Arthur) Liu, Human–Computer Interaction, 2014–2015; *served as committee chair*

Dr. Preethi Srinivas, Human–Computer Interaction, 2013–2015; *served as committee chair*

Dr. Masoud Hosseini, Bioinformatics, 2014–2015

Dr. Romisa Rohani, Human–Computer Interaction, 2013–2015

Dr. Moon Pil Sung, Human–Computer Interaction, 2013–2014

Doctoral Preliminary Examination Committee Member

University of Colorado Boulder

Joshua Paup, Information Science, 2025–present

Faye Kollig, Information Science, 2024–2025

Temidayo Olorunsogo, Information Science, 2024–2025

Hande Batan, Information Science, 2023–2024

Deepika Rama Subramanian, Information Science, 2023–2024

Dr. Jennings Anderson, Computer Science, 2016

Doctoral Research Internship Mentor/Host (external)

University of Colorado Boulder

Dr. Katerina Cerna, University of Gothenberg, Fall 2017

University of California, Irvine

Dr. Juan David Hincapié-Ramos, IT University of Copenhagen, Fall 2010

Master's Thesis Advising

University of Colorado Boulder

Abbie Seale, Information Science, 2024–present

Grace Williams, Information Science, 2024

Zoe (Z) Fisher, Information Science, 2023–2024; *transitioned into the CU Boulder PhD program in Information Science, effective Fall 2024*

Cassandra Goodby, Creative Technologies and Design (ATLAS Institute), 2020

Master's Thesis Committee Member (internal)

University of Colorado Boulder

Simon Bernsdorff Wallstedt, Information Science (concurrently enrolled in the Department of Informatics and Media, Uppsala University), 2024

Gerard Casas Saez, Computer Science, 2019

Indiana University (IUPUI)

Katie Tanaka, Human–Computer Interaction, 2015

Master's Thesis Committee Member (external)

University of Colorado Boulder

Bianca Perez, Media Studies, 2024

Graduate Research Supervision
Typically, equivalent to a 3-credit-hour independent study research course for semester supervised
The list of students that follows excludes those dissertation/thesis advisees listed above

University of Colorado Boulder

Ishita Badole, Computer Science MS student, Fall 2025–present

Tenay Benes, Information Science, Fall 2025–present

Divyanshu Singh, Information Science PhD student, Summer 2025–present

Natalie Castro, Information Science MS student, Summer 2024–Fall 2024

Raegan Rychecky, Computer Science MS student, Spring 2023

Angel Dong, Computer Science MS student, Fall 2022–Spring 2023

Estevan Sandoval, Information Science MS student, Fall 2022–Spring 2023

Sistla Naga Sai Meenakshi, Computer Science MS student, Fall 2022

Namratha Mysore Keshavaprakash, Computer Science MS student, Fall 2021–Spring 2022

Tiffany Phan, Computer Science MS student, Fall 2021–Spring 2022

Shreyas Savanoor Ravindra, Computer Science MS student, Fall 2021–Spring 2022

Venkat Arigela, Computer Science MS student, Spring 2020–Fall 2020

Tara Walker, Media Research & Practice PhD student, Fall 2017

Indiana University (IUPUI)

Abdulaziz Adlerhami, Human–Computer Interaction MS student, Summer 2015

Kunal Bodke, Human–Computer Interaction MS student, Summer 2015

Joe Dara, Human–Computer Interaction MS student, Spring 2015–Summer 2015

Alex Chambers, Human–Computer Interaction MS student, Spring 2014–Summer 2015

Ryan Ahmed, Human–Computer Interaction MS student, Fall 2013–Spring 2015

Xinxin He, Human–Computer Interaction MS student, Fall 2013–Spring 2015

Joshua Ward, Human–Computer Interaction MS student, Fall 2014

Malvika Bansal, Human–Computer Interaction MS student, Summer 2014

Shivin Saxena, Human–Computer Interaction MS student, Summer 2014

Ashleigh Young, Media Arts & Sciences MS student, Fall 2013

Cornell University

Mengxi (Chrissie) Chi, Information Science MPS student, Spring 2013

Matthew Green, Information Science MPS student, Spring 2013

Andrew Wisnieff, Information Science MPS student, Spring 2013

Georgia Institute of Technology

Rahul Nair, Human–Computer Interaction MS student, 2003–2005

Ron Barbas, Human–Computer Interaction MS student, 2001–2003

Undergraduate Student Research Advising

Bachelor's Thesis/Capstone Project Advisor

University of Colorado Boulder

Kexin Zhai, Information Science Honors Thesis, 2019–2020
Graduated with cum laude *Latin honors*

Indiana University (IUPUI)

Jessica Despard, Psychology Honors Capstone, 2014–2015

Josie Ward, Informatics Senior Thesis, 2014

Bachelor's Thesis/Capstone Project Committee Member

University of Colorado Boulder

Donald Clark Mousaw, Information Science, 2021

Gerard Casas Saez, Computer Science, 2017

Undergraduate Research Supervision

Typically, equivalent to a 3-credit-hour independent study research course for semester supervised
The list of students that follows excludes those thesis/capstone advisees listed above

University of Colorado Boulder

Youssef Yatribi, Economics BA student, Spring 2025–present

Jaden Castle, Information Science BS student, Spring 2025

Nicholas Pettit, Information Science and Public Health BS student, Spring 2025

Max Gong, Information Science BS student, Spring 2024–Summer 2024

Anusha Venkateswaran, Computer Science BS student, Fall 2023

James Anderson, Information Science BS student, Fall 2022

Grace Williams, Information Science BS student, Fall 2022

Divya Bhat, Creative Technology & Design BS student, Fall 2021–Spring 2022
CEAS Discovery Learning Apprenticeship awardee

Sneha Malisetty, Information Science BS student, Fall 2021

Bryce Schumacher, Computer Science BS student, Spring 2021–Spring 2022

Samuel Beck, Political Science BA student (with Data Science minor), Spring 2021

Jackson Bilello, Mechanical Engineering BS student (with Computer Science minor), Spring 2021
YOU'RE@CU research program participant

Elizabeth (Lizzie) Bartholomew, Technology, Arts & Media BS student, Fall 2020–Spring 2021
CEAS Discovery Learning Apprenticeship awardee

Lanea Blackburn, Information Science BS student, Spring 2020

Priyanka Panati, Information Science BS student, Spring 2020

Teresa Lim, Technology, Arts & Media BS student, Summer 2019
CEAS SPUR (Summer Program for Undergraduate Research) participant

Zachary Lyons, Information Science BS student, Spring 2019

Marissa Kelley, Information Science BS student, Spring 2018–Fall 2018

Stephen Barton, Strategic Communication BS student, Fall 2017–Spring 2018

Alexander Ray, Computer Science BS+MS student, Fall 2016–Summer 2017

Ha Tran, Electrical and Computer Engineering BS student, Fall 2016–Spring 2017
CEAS Discovery Learning Apprenticeship awardee

Mackinley Kath, Electrical and Computer Engineering BS student, Summer 2016

Helena Kwiat, Computer Science BS student, Summer 2016

University of California, Irvine

Sohrob Raja, Informatics BS student, Spring 2012

Georgia Institute of Technology

Umang Dua, Computer Science BS student, Spring 2003
UROC (Undergraduate Research Opportunities in Computing) program participant

Chad Carpenter, Computer Science BS student, Fall 2001
UROC (Undergraduate Research Opportunities in Computing) program participant

High School Student Research Advising

Science Research Seminar Supervision

University of Colorado Boulder/Boulder Valley School District

Quinn Burns, Peak-to-Peak Charter High School Computer Science student, Fall 2022–Fall 2023

University Service

Department of Information Science, University of Colorado Boulder

Member, Graduate committee, Spring 2020–Spring 2022; Fall 2023–present

Member, Graduate admissions committee, Fall 2015–present

Associate Chair for Graduate Studies, Fall 2023–Spring 2025

Ex officio member, Executive committee, Fall 2023–Spring 2025

Departmental representative, CU Boulder MS in Data Science Steering Committee, Spring 2025

Founding program director, Research MS program, Summer 2020–Spring 2022

Founding program director, Bachelor's–Accelerated Master's program, Summer 2020–Spring 2022

Departmental archivist, Fall 2019–Spring 2022

Member, Space and facilities committee, Fall 2015–Spring 2016, Fall 2021–Spring 2022

Elected representative, Executive committee, Fall 2019–Spring 2021

Member, Merit review committee, Spring 2020

Founding member, Graduate curriculum development/review committee, Fall 2015–Spring 2016, Spring 2019

Founding member, Undergraduate committee, Fall 2015–Fall 2017

Chair, Tenure-track faculty search committee (4 open-rank positions, 236 applicants, 17 Skype interviews, 12 on-campus interviews), Fall 2015–Spring 2016

College of Communication, Media, Design, and Information, University of Colorado Boulder

Chair, CMDI Grievance and Appeal Committee, Fall 2025–present

Elected departmental representative, CMDI Faculty Council, Fall 2021–Spring 2022, Fall 2023–present

Departmental representative, Directors of Graduate Studies Committee, Fall 2018–Spring 2019

Member, Academic Success working group, Spring 2017

University of Colorado Boulder

Reviewer, Beverly Sears graduate student grant program, Graduate School, Spring 2020, Fall 2021

CMCI representative, Office of the Vice-Chancellor for Research ad hoc committee on faculty engagement in innovation initiatives, Fall 2016

Department of Human-Centered Computing, Indiana University (IUPUI)

Member, Tenure-track faculty search committee, Fall 2014–Spring 2015

Chair, Weekly departmental “Brown Bag” seminar series, Spring 2013–Spring 2015

Member, Human–Computer Interaction PhD admissions committee, Spring 2013–Spring 2015

Member, Human–Computer Interaction MS admissions committee, Fall 2013–Spring 2015

Member, Human–Computer Interaction MS curriculum committee, Fall 2013–Spring 2015

Member, Human–Computer Interaction PhD curriculum committee, Fall 2013–Spring 2015

School of Informatics and Computing, Indiana University (IUPUI)

Member, Colloquia committee, Fall 2013–Spring 2015

Member, Informatics undergraduate curriculum development committee, Fall 2013–Spring 2015

Member, School-wide career counselor search committee, Fall 2013

Member and visiting speaker host, School of Informatics and Computing Distinguished Speaker series, Spring 2014

Indiana University (IUPUI)

Member, Faculty Council research affairs committee, Fall 2014–Spring 2015

Member, IUPUI Center for Teaching and Learning advisory board, Fall 2014–Spring 2015

College of Computing, Georgia Institute of Technology

Representative, Graduate Student Committee, 2003–2006

Professional Service

Technical/Program Committee Leadership

Co-chair, Interactivity program committee, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI), 2017 *(managed 12 PC members, 41 submissions, 49% acceptance rate)*

Co-chair, works-in-progress program committee, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI), 2010 *(managed 44 ACs and 319 submissions, 57% acceptance rate)*

Co-chair, posters program committee, ACM Symposium on User Interface Software and Technology (UIST), 2007, 2009–2010 *(average of 34 submissions and 51% acceptance rate per year)*

Technical/Program Committee Service (Journal and Journal-Equivalent Conference Papers)

Associate journal editor, Proceedings of the ACM on Interactive, Mobile, Wearable, and Ubiquitous Technologies (PACM-IMWUT), 2017–2019, 2024–present *(managed approximately 8 submissions each year and served as secondary editor for an average of 8 additional submissions each year)*

Associate chair[2], papers and notes program committee, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI), 2009, 2016

Associate chair, papers and notes program committee, ACM Conference on Designing Interactive Systems (DIS), 2014

Associate chair, papers and notes program committee, ACM Symposium on User Interface Software and Technology (UIST), 2011

Associate chair, papers and notes program committee, ACM Conference on Computer Supported Cooperative Work (CSCW), 2011

Member, posters program committee, Technical Symposium on Computer Science Education (SIGCSE TS), 2026

Member, papers program committee, European Conference on Computer-Supported Cooperative Work (ECSCW), 2018

Member, papers and notes program committee, Canadian Computer–Human Communications Society Graphics Interface (GI)—HCI Track, 2018

Member, papers program committee, International Symposium on End-User Development (IS-EUD), 2013

Member, long research papers program committee, IFIP TC13 Conference on Human-Computer Interaction (INTERACT), 2013

Member, papers and notes program committee, International ACM Conference on Supporting Group Work (GROUP), 2010

Technical/Program Committee Service (Non-Archival Submissions)

Member, workshop program committee, New Frontiers on Quantified Self Workshop (co-located with the ACM UbiComp conference), 2016

Member, posters program committee, iConference, 2014

[2] Equivalent to the responsibilities of an associate editor, typically handing 10–12 submissions per year

Member, video showcase program committee, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI), 2009, 2011–2012

Member, workshop program committee, Workshop on Human–Computer Interaction and Information Retrieval (HCIR), 2010

Panelist, doctoral symposium, ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp) and ACM International Symposium on Wearable Computers (ISWC), 2019

Research Community-Building Workshops Organized

Elizabeth L. Murnane, Jaime Snyder, **Stephen Voida**, Matthew J. Bietz, Mark Matthews, Sean Munson, and Laura R. Pina (co-organizers). 2018. Social issues in personal informatics: Design, data, and infrastructure. Workshop held in conjunction with the 21st ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW 2018), November 4, 2018. Jersey City, NJ. doi:10.1145/3272973.3273016

Kristin Eschenfelder, **Stephen Voida**, and Steve Sawyer (co-organizers). 2016. Crash course for sociotechnical scholars: Introductory concepts and approaches. Workshop held in conjunction with the Eleventh Annual iSchools Organization Conference (iConference 2016), March 20–23, 2018, Philadelphia, PA.

Steven Sawyer, Warren Allen, Carlos Monroy, Kalpana Shankar, Norman Makoto Su, and **Stephen Voida** (co-organizers). 2015. Sociotechnical approaches to fieldwork and trace data integration. Workshop held in conjunction with the Tenth Annual iSchools Organization Conference (iConference 2015), March 24–27, 2015, Newport Beach, CA.

Conference Organizing Committee Activities

Co-chair, Consortium for the Science of Sociotechnical Systems (CSST) Summer Research Institute, 2023

Co-chair, Workshop on Ubiquitous Computing Uniting the Californias (an NSF Office of International Science and Engineering-supported regional research symposium), 2011

Chair, “madness” research overviews, ACM Symposium on User Interface Software and Technology (UIST), 2010

Chair, proceedings, ACM International Conference on Supporting Group Work (GROUP), 2009

Chair, electronic proceedings, ACM Conference on Computer Supported Cooperative Work (CSCW), 2008

Co-chair, proceedings, ACM Symposium on User Interface Software and Technology (UIST), 2006

Co-chair, student volunteers, ACM Symposium on User Interface Software and Technology (UIST), 2005

Chair, student volunteers, International Conference on Ubiquitous Computing (UbiComp), 2003

Student volunteer, SIGCHI Conference on Human Factors in Computing Systems (CHI), 2002, 2005, 2007

Student volunteer, European Conference on Computer-Supported Cooperative Work (ECSCW), 2005

Student volunteer, International Conference on Ubiquitous Computing (UbiComp), 2001

Student volunteer, IGDA Game Developers Conference (GDC), 2001

Conference session chair, *ACM IMWUT* articles and technical briefs, ACM Joint International Conference on Ubiquitous Computing (UbiComp)/ACM International Symposium on Wearable Computing (ISWC), 2023

Conference session chair, papers and notes, iConference, 2014

Conference session chair, papers and notes, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI), 2009–2011

Conference session chair, papers and notes, ACM Conference on Computer-Supported Cooperative Work (CSCW), 2014

Invited Workshop Panelist and Whitepaper Author

CCC/CRA Roadmapping for Interactive Technology Workshop on Interactive Systems Architecture, Jackson Hole, WY, 2010

Journal Reviewing

ACM Transactions on Computer-Human Interaction, 2005, 2012–2013, 2018–2022

Proceedings of the ACM on Human–Computer Interaction (Computer-Supported Cooperative Work), 2020–2022, 2025–2026
ACM SIGCHI special recognition for reviewing, 2020 (2), 2022 (2)

Proceedings of the ACM on Interactive, Mobile, Wearable, and Ubiquitous Technologies (PACM-IMWUT), 2017–2019, 2022
ACM IMWUT special recognition for reviewing, 2017

Applied Clinical Informatics, 2021

Computer Supported Cooperative Work, 2011, 2019

International Journal of Human-Computer Studies, 2017

New Media & Society, 2016

Human–Computer Interaction, 2015

Journal of the American Society for Information Science and Technology, 2013

Multimedia Systems Journal, 2009

Communications of the ACM, 2007

Conference Reviewing

SIGCHI Conference on Human Factors in Computing Systems (CHI): papers, notes, demonstrations, and late-breaking work/works-in-progress/posters, 2002–2018, 2020–2021, 2022, 2024–2026
ACM SIGCHI special recognition for reviewing, 2015, 2017 (2), 2018, 2020, 2021 (2), 2022, 2025 (3), 2026 (1)

ACM Creativity and Cognition (C&C): papers, 2025
ACM SIGCHI special recognition for reviewing, 2025

ACM Conference on Computer Supported Cooperative Work (CSCW): papers and notes, 2004–2012, 2016–2017
ACM SIGCHI/CSCW special recognition for reviewing, 2016

ACM Joint International Conference on Pervasive and Ubiquitous Computing (UbiComp): papers, notes, demonstrations, and posters, 2003–2004, 2010, 2014

ACM Symposium on User Interface Software and Technology (UIST): papers and notes, 2002, 2005–2016
ACM SIGCHI special recognition for reviewing, 2014

ACM Conference on Designing Interactive Systems (DIS): papers and notes and pictorials, 2012, 2018, 2024
ACM SIGCHI special recognition for reviewing, 2024

International Conference on Human–Computer Interaction with Mobile Devices and Services, (MobileHCI): papers and notes, 2013–2014

International Conference on Intelligent User Interfaces (IUI): papers, 2003

International Conference on Tangible, Embedded, and Embodied Interaction (TEI): papers, 2013, 2017–2019

iConference: posters, 2014
iConference exceptional reviewer award, 2014

Canadian Computer-Human Communications Society Graphics Interface (GI): papers, 2003, 2011

ACM International Conference on Interactive Tabletops and Surfaces (ITS): papers, 2009–2010

IEEE Workshop on Tabletops and Interactive Surfaces (TABLETOP): papers, 2008

8th Nordic Conference on Human–Computer Interaction (NordiCHI): papers, 2014

IFIP TC13 Conference on Human-Computer Interaction (INTERACT): papers, 2011

Grant Proposal Panelist/Reviewer

National Science Foundation, Information and Intelligent Systems Division, panelist, 2009, 2023, 2025

FWF Austrian Science Fund, external reviewer, 2020

National Science Foundation, Information and Intelligent Systems Division, external reviewer, 2010

Student Research/Design Competition Adjudicator

Reviewer: “Mobile Health Applications for Consumers” student design competition, International Symposium on Human Factors and Ergonomics in Health Care: Improving the Outcomes, 2015, 2017–2018

Program committee member, Graduate Student Research Symposium, Institute for Software Research, University of California, Irvine, 2007

Professional and Industrial Research Experience

Research Intern, Palo Alto Research Center Computer Science Laboratory **2004**
Palo Alto, California, USA
Research supervisor: W. Keith Edwards
Conducted an interview study to gain insight into file sharing practices in the workplace. Designed and implemented a novel sharing interface, based on a new hybrid modality for file sharing that draws on the best aspects of established push- and pull-oriented techniques.

Research Intern, IBM Thomas J. Watson Research Center **2002–2003**
Yorktown Heights/Hawthorne, New York, USA
Research supervisors: Paul Chou, Gopal Pingali
Designed, conducted, and analyzed results of a user study eliciting users' expectations about multimodal interactions in an office space augmented with projected objects. Defined and implemented cross-platform programming interfaces for a steerable projector system.

Software Design Engineer / Program Manager Intern, Microsoft Corporation **2000**
Seattle, Washington, USA
Internship supervisors: Chris Wilson, Carl Edlund
Designed and implemented new functionality for the print and print preview components of the HTML renderer used in versions 5.5 and 6.0 of the Internet Explorer web browser.

Freelance World Wide Web Developer and Consultant **1997–1999**
Design consulting and implementation of site structure, content, graphics, and user interfaces. Past projects include graphics and user interface design for the Arizona State University Office of Student Financial Aid; site design and implementation for the Wesley Foundation in Tempe, Arizona; and site design, implementation, and maintenance on behalf of the Arizona Center for Medieval and Renaissance Studies, Tempe, Arizona.

Information Systems Intern, Boeing Commercial Airplane Group **1997**
Seattle, Washington, USA
Worked as a summer intern in an information systems and business process analysis and reorganization group. Responsibilities included business procedure documentation for Boeing IS, development of World Wide Web and intranet document delivery standards and templates, and evaluation and deployment of enterprise-scale system management software.

Professional Development

Invited participant, Academic Leadership Institute (ALI), University of Colorado Boulder, 2024

Invited participant, Leadership Education for Advancement and Promotion (LEAP) introductory leadership workshop, University of Colorado Boulder, 2017

Professional Memberships

Association for Computing Machinery (ACM), 1998–present
Senior Member, 2019–present

ACM Special Interest Group on Computer-Human Interaction (SIGCHI), 1998–present

Volunteer and Community Service

Major, Civil Air Patrol (U.S. Air Force Auxiliary), 2021–present
- Squadron Commander, Boulder Composite Squadron (RMR-CO-072), 2023–present
- Aerospace Education Officer, Boulder Composite Squadron, 2021–present
- Education and Training Officer, Boulder Composite Squadron, 2021–present
- Deputy Commander of Cadets, Boulder Composite Squadron, 2022–2023