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EDUCATION:

POSTDOCTORAL

Cornell University	Information Science	2012–2013
University of Calgary	Computer Science	2007–2009

GRADUATE

Georgia Institute of Technology	Ph.D., Computer Science	Aug 2008
Georgia Institute of Technology	M.S., Human–Computer Interaction	May 2001

UNDERGRADUATE

Arizona State University	B.S., Computer Science	Aug 1999

FURTHER EDUCATION:

FELLOWSHIPS

University of California, Irvine	CCC/CRA Computing Innovation Fellow	2009–2011
Georgia Institute of Technology	Marshall D. Williamson Fellow	2000

APPOINTMENTS:

ACADEMIC

University of Colorado Boulder		2015–present
Department of Information Science	Assistant Professor, Founding Faculty	
Department of Computer Science	Assistant Professor (0% FTE/Courtesy)	
Institute of Cognitive Science	ICS Fellow (0% FTE/Courtesy)	
Indiana University–Indianapolis (IUPUI)	Assistant Professor	2013–2015
School of Informatics and Computing		
University of California, Irvine	Lecturer	2012
Donald Bren School of Information and Computer Science		
University of California, Irvine	Asst. Project Scientist	2009–2012
Donald Bren School of Information and Computer Science		
Georgia Institute of Technology	Research Scientist	2001–2002
GVU Center, College of Computing		

In-rank activities and accomplishments are preceded with an asterisk (*) throughout this document

INDUSTRIAL RESEARCH & DEVELOPMENT

Palo Alto Research Center *Computer Science Laboratory*	Research Intern	Summer 2004
IBM T.J. Watson Research Center *Emerging Interactive Displays Department*	Technical Co-op	Summer 2002, 2003
Microsoft Corporation *Internet Explorer Print & Print Preview Group*	S/W Design Eng. Intern	Summer 2000
Boeing Commercial Airplane Group *Process Integration, Installation, Verification & Test (PIIVT)*	Summer Intern	Summer 1997

PROFESSIONAL HONORS AND AWARDS:

RESEARCH

Award Name	*Granted By*	*Date Awarded*
Best paper award *(Top 1% of 1,963 submissions)*	ACM SIGCHI	Apr 2013
*Best paper honorable mention *(Top 5% of 722 submissions)*	ACM CSCW	Nov 2018
Best paper honorable mention *(Top 5% of ~1,560 submissions)*	ACM SIGCHI	Apr 2012
Best paper honorable mention *(Top 5% of 370 submissions)*	ACM CSCW	Nov 2008
*Recognition of Contribution to CSCW Diversity & Inclusion *(inaugural honoree)*	ACM CSCW	Nov 2018
Co-led winning team, Heritage Open mHealth Challenge *($100,000 prize)*	Heritage Provider Network, Open mHealth, University of California, Los Angeles	Jun 2013
*Special Recognitions for Reviewing *UIST 2014*, *CHI 2015*, *CSCW 2016, CHI 2017, and CHI 2018 conferences*	ACM SIGCHI	2014–2018
*Exceptional reviewer award, posters	iConference 2014	Mar 2014

GRANTS/FELLOWSHIPS IN RESEARCH:

COMPLETED RESEARCH GRANTS/FELLOWSHIPS (8)

Title	*Granting Agency*	*Role*	*Amount*	*Dates*
*CSST Summer Research Institute Emerging Research Team: Exploring the Future of Work	Consortium on Sociotechnical Systems (CSST), in conjunction with NSF ACI-1144934	Co-PI	$625 ($3,125 across all collaborating institutions)	Jun 2016–Jul 2016
*CSST Summer Research Institute Emerging Research Team: Long-Term Management of Bipolar Disorder and Other Serious Mental Illnesses *(declined due to duplication with the above award)*	Consortium on Sociotechnical Systems (CSST), in conjunction with NSF ACI-1144934	Co-PI	$625 ($1,250 across all collaborating institutions)	Jun 2016–Jul 2016

Title	*Granting Agency*	*Role*	*Amount*	*Dates*
*Glanceable, Peripheral Haptic, and Audible Displays: Supporting Wearable Display Ecologies for Personal Informatics	Google Research	PI	$55,673	Oct 2014–Dec 2015
*IU Overseas Conference Grant	IU OVPIA	PI	$800	Jul 2013–Sep. 2013
MoodRhythm: Supporting Individuals with Bipolar Disorder to Establish Stable and Regular Daily Routines	Cornell University Bronfenbrenner Center for Translational Research	Co-PI	$12,000	May 2013–Apr 2014
Activity-Awareness Everywhere: A Smartphone Infrastructure for Studying and Supporting Ubiquitous Multitasking in Everyday Work	Google Research	Co-PI	$60,000	Jun 2011–May 2012
Changing Multitasking in the Workplace: Improving Efficiency, Productivity, and Self-Initiative	U.S. Army Natick Soldier Research, Development & Engineering Center	Co-I	$25,000	Jun 2010–May 2011
CCC/CRA Computing Innovation Fellowship	CCC/CRA, in conjunction with NSF CNS-0937060	PI	$267,500	Oct 2009–Sep 2011

PUBLICATIONS:

In-rank publications are indicated by an asterisk (*).
Publications demonstrating student mentoring are indicated by a dagger (†).

Journal Articles (peer-reviewed)

*†[J.10] Bardram, J. E., Jeuris, S., Tell, P., Houben, S., & **Voida, S.** (in press). Activity-centric computing systems. *Communications of the ACM.*

*†[J.9] Snyder, J., Murnane, E., Lustig, C., & Voida, S. (in press). Visually encoding the lived experience of bipolar disorder. *Proceedings of the ACM on Human-Computer Interaction—CHI*.

*†[J.8] Murnane, E. L., Walker, T. G., Tench, B., **Voida, S.**, & Snyder, J. (2018, November). 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—CSCW, 2*(CSCW), 127:1–127:27.
CSCW 2018 Best Paper Honorable Mention (among the top 5% of all submissions)
CSCW 2018 Recognition of Contribution to Diversity & Inclusion (inaugural honoree)

*†[J.7] Cornet, V., **Voida, S.**, & Holden, R. J. (2017). Activity Theory analysis of heart failure self-care. *Mind, Culture, and Activity 25*(1), 22–39. doi:10.1080/10749039.2017.1372785

*†[J.6] Matthews, M., Abdullah, S., Murnane, E., **Voida, S.**, Choudhury, T., Gay, G., & Frank, E. (2016). Development and evaluation of a smartphone-based measure of social rhythms for bipolar disorder. *Assessment 23*(4), 472–483.

*†[J.5] Snyder, J., Baumer, E. P. S., **Voida, S.**, Adams, P., Halpern, M., Choudhury, T., & Gay, G. (2014). Making things visible: Opportunities and tensions in visual approaches for design research and practice [Special issue on design thinking]. *Human-Computer Interaction 29*(5–6), 451–486.

†[J.4] Baumer, E. P. S., Khovanskaya, V., Adams, P., Pollak, J. P., **Voida, S.**, & Gay, G. (2013, July–September). Designing for engaging experiences in mobile social health support systems. *IEEE Pervasive Computing 12*(3), 32–39.

[J.3] Reilly, D., **Voida, S.**, McKeon, M, Le Dantec, C., Bunde-Pedersen, J., Edwards, W. K., Mynatt, E. D., & Mazalek, A. (2010, July–September). Space matters: Physical–digital and physical–virtual codesign in inSpace. *IEEE Pervasive Computing 9*(3), 54–63.

[J.2] Liogkas, N., MacIntyre, B., Mynatt, E. D., Smaragdakis, Y., Tilevich, E., & **Voida, S.** (2004, July–September). Automatic partitioning for prototyping ubiquitous computing applications. *IEEE Pervasive Computing, 3*(3), 40–47.

[J.1] **Voida, S.**, Mynatt, E. D., MacIntyre, B., & Corso, G.M. (2002, July–September). Integrating physical and virtual context to support knowledge workers. *IEEE Pervasive Computing, 1*(3), 73–79. **Cited more than 130 times (source: Google Scholar)**

Conference Presentations with Proceedings (peer-reviewed)

*†[C.21] Jia, Y., Liu, Y., Yu, X., & **Voida, S.** (2017). Designing leaderboards for gamification: Considering perceived differences based on user ranking, application domain, and personality traits. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (CHI 2017, pp. 1949–1960), Denver, Colorado, May 6–11. (25% acceptance rate)

*†[C.20] Jia, Y., Xu, B., Karanam, Y., & **Voida, S.** (2016). Personality targeted gamification: A survey study on personality traits and motivational affordances. In *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (CHI 2016, pp. 2001–2013), San Jose, California, May 7–12. (23% acceptance rate)

*†[C.19] Matthews, M., **Voida, S.**, Abdullah, S., Doherty, G., Choudhury, T., Im, S., & Gay, G. (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 2015, pp. 86–97), Copenhagen, Denmark, August 24–27. (27% acceptance rate)

*†[C.18] Adams, P., Rabbi, M., Rahman, T., Matthews, M., Voida, A., Gay, G., Choudhury, T., & **Voida, S.** (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 2014), Oldenburg, Germany, May 20–23. (26% acceptance rate)

*†[C.17] Rahman, T., Zhang, M., **Voida, S.**, & Choudhury, T. (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 2014), Oldenburg, Germany, May 20–23. (29% acceptance rate)

†[C.16] Khovanskaya, V. D., Baumer, E. P. S., Cosley, D., **Voida, S.**, & Gay, G. (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 2013, pp. 3403–3412), Paris, France, April 27–May 2. (20% acceptance rate)

†[C.15] Zhao, X., Salehi, N., Naranjit, S., Alwaalan, S., **Voida, S.**, & Cosley, D. (2013). The many faces of Facebook: Experiencing social media as performance, exhibition, and personal archive. In the *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems* (CHI 2013, pp. 1–10), Paris, France, April 27–May 2. (20% acceptance rate)
CHI 2013 Best Paper — among the top 1% of all submissions
Cited more than 110 times (source: Google Scholar)

[C.14] Mark, G., **Voida, S.**, & Cardello, A. V. (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 2012, pp. 555–564), Austin, Texas, May 5–10.
Authors Mark and Voida share first authorship on this publication. (23% acceptance rate)
CHI 2012 Best Paper Honorable Mention (among the top 5% of all submissions)
Cited more than 140 times (source: Google Scholar)

†[C.13] Hincapié-Ramos, J. D., **Voida, S.**, & Mark, G. (2011). A design space analysis of availability-sharing systems In *Proceedings of the 24th ACM Symposium on User Interface Software and Technology* (UIST 2011, pp. 85–96), Santa Barbara, California, October 16–19.
(26% acceptance rate)

†[C.12] Greenberg, S., **Voida, S.**, Stehr, N., & Tee, K. (2010). Artifacts as instant messaging buddies. In *Proceedings of the 43rd Annual Hawaii International Conference on System Sciences* (HICSS-43, Persistent Conversation minitrack, pp. 1–10), Koloa, Hawaii, January 5–8.

†[C.11] **Voida, S.**, Tobiasz, M., Stromer, J., Isenberg, P., & Carpendale, S. (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 2009, pp. 119–126), Banff, Alberta, November 23–25.

[C.10] **Voida, S.**, & Greenberg, S. (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 2009, pp. 1679–1682), Boston, Massachusetts, April 4–9.
(25% acceptance rate)

[C.9] **Voida, S.**, & Mynatt, E. D. (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 2009, pp. 259–268), Boston, Massachusetts, April 4–9.
(25% acceptance rate)

[C.8] Goecks, J., Voida, A., & **Voida, S.** (2008). Charitable technologies: Opportunities for collaborative computing in nonprofit fundraising. In *Proceedings of the ACM Conference on Computer-Supported Cooperative Work* (CSCW 2008, pp. 689–698). San Diego, California, November 8–12. (23% acceptance rate)

[C.7] Voida, A., **Voida, S.**, Greenberg, S., & He, H. A. (2008). Asymmetry in media spaces. In *Proceedings of the ACM Conference on Computer-Supported Cooperative Work* (CSCW 2008, pp. 313–322). San Diego, California, November 8–12. (23% acceptance rate)
CSCW 2008 Best Paper Honorable Mention (among the top 5% of all submissions)

[C.6] **Voida, S.**, Mynatt, E. D., & Edwards, W. K. (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 2008, pp. 211–220), Monterey, California, October 19–22. (20% acceptance rate)

[C.5] **Voida, S.**, Edwards, W. K., Newman, M. W., Grinter, R. E., & Ducheneaut, N. (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 2006, pp. 221–230), Montréal, Québec, April 22–27. (23% acceptance rate)
Cited more than 100 times (source: Google Scholar)

†[C.4] Nair, R., **Voida, S.**, & Mynatt, E. D. (2005). Frequency-based detection of task switches. In *Proceedings of the 19th British HCI Group Annual Conference, Vol. 2* (HCI 2005, pp. 94–99), Edinburgh, Scotland, September 5–9.

[C.3] **Voida, S.**, Podlaseck, M., Kjeldsen, R., & Pinhanez, C. (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 2005, pp. 611–620), Portland, Oregon, April 2–7. (25% acceptance rate)

[C.2] MacIntyre, B., Bolter, J. D., Vaughn, J., Hannigan, B., Gandy, M., Moreno, E., Haas, M., Kang, S., Krum, D., & **Voida, S.** (2003). Three Angry Men: An augmented-reality experiment in point-of-view drama. In *Proceedings of 1st International Conference on Technologies for Interactive Digital Storytelling and Entertainment* (TIDSE 2003, pp. 337–345), Darmstadt, Germany, March 24–26.

[C.1] MacIntyre, B., Mynatt, E. D., **Voida, S.**, Hansen, K. M., Tullio, J., & Corso, G. M. (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 2001, pp. 41–50), Orlando, Florida, November 11–14. (19% acceptance rate) **Cited more than 225 times (source: Google Scholar)**

Book Chapters (curated)

*†[B.4] Holden, R. J., **Voida, S.**, Savoy, A., Jones, J. F., & Kulanthaivel, A. (2016). Human factors engineering and human–computer interaction: Supporting user performance and experience. In J. T. Finnell & B. E. Dixon (Eds.,), *Clinical Informatics Study Guide: Text and Review* (pp. 287–307). Cham, Switzerland: Springer International.

*[B.3] **Voida, S.**, Patterson, D. J., & Patel, S. N. (2014). Sensor Data Streams in HCI. In W. Kellogg & J. S. Olson (Eds.), *Ways of Knowing in HCI* (pp. 291–322). New York: Springer.

[B.2] **Voida, S.**, Mynatt, E. D., & MacIntyre, B. (2007). Supporting activity in desktop and ubiquitous computing. In V. Kaptelinin & M. Czerwinski (Eds.), *Beyond the desktop metaphor: Designing integrated digital work environments* (pp. 195–222). Cambridge, Massachusetts: MIT Press.

[B.1] Mynatt, E. D., Huang, E. M., **Voida, S.**, & MacIntyre, B. (2003). Large displays for knowledge work. In K. O'Hara, M. Perry, E. Churchill, & D. Russell (Eds.), *Public and situated displays: Social and interactional aspects of shared display technologies* (pp. 80–102). Dordrecht, The Netherlands: Kluwer Academic Publishers.

Conference and Workshop Presentations without Proceedings (curated)

*†[P.27] Van Kleunen, L., & **Voida, S.** (2018). From personal to collective informatics. Position paper for the CSCW 2018 workshop on Social Issues in Personal Informatics, held in conjunction with the ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW 2018), Jersey City, New Jersey, November 4.

*†[P.26] Kelly, A., Whitlock, M., Nickoloff, B., Lam, A., Szafir, D. A., & **Voida, S.** (2017). Becoming butterflies: Interactive embodiment of the butterfly lifecycle. Poster presented at the ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp 2017), Maui, Hawaii, September 11–15.

*†[P.25] Koushik, V., Gendreau, A., Ho, E., Wilson, S., & **Voida, S.** (2017). Snappable sensors: Empowering future scientists. Poster presented at the ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp 2017), Maui, Hawaii, September 11–15.

*†[P.24] Norris, W., & **Voida, S.** (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 SIGCHI Conference on Human Factors in Computing Systems (CHI 2017), Denver, Colorado, May 6–7.

*†[P.23] Norris, W., & **Voida, S.** (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, Boulder, Colorado, May 6.

*†[P.22] Norris, W., & **Voida, S.** (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 ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW 2017), Portland, Oregon, February 25–March 1.

*†[P.21] **Voida, S.**, Jia, Y., Karanam, Y., Chambers, A., Dara, J., Alderhami, A., Bodke, K., Shrikhande, D., & Despard, J. (2015). *Challenges*, *feedback* & *notifications*: Empirical explorations to inform the design of interfaces to motivate and encourage long-term personal informatics use. Position paper for the workshop on New Frontiers of Quantified Self: Finding New Ways for Engaging Users in Collecting and Using Personal Data, held in conjunction with the 2015 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp 2015), Osaka, Japan, September 7.

*†[P.20] Ahmed, R., Chambers, A., Frontz, M., & **Voida, S.** (2014). A tangible approach to time management. Interactive demonstration presented at the ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp 2014), Seattle, Washington, September 13–17.

*†[P.19] Chattopadhyay, D., Achmiz, S., Saxena, S., Bansal, M., Bolchini, D., & **Voida, S.** (2014). Holes, pits, and valleys: Guiding large-display touchless interactions with data-morphed topologies. Poster presented at the ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp 2014), Seattle, Washington, September 13–17.

*†[P.18] Karanam, Y., Filko, L., Kaser, L., Alotaibi, H., Makhsoom, E., & **Voida, S.** (2014). Motivational affordances and personality types in personal informatics. Poster presented at the ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp 2014), Seattle, Washington, September 13–17.

*†[P.17] Sukale, R., Koval, O., & **Voida S.** (2014). The Proxemic Web: Designing for proxemics interactions with responsive web design. Poster presented at the ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp 2014), Seattle, Washington, September 13–17.

*†[P.16] Frank, E., Matthews, M., Choudhury, T., **Voida S.**, & Abdullah, S. (2013). Developing a smart phone app to monitor mood, social rhythms, sleep and social activity: Technology to support effective management of bipolar disorder. *Neuropsychopharmacology 38*, S108–S272. Poster presented at the 52nd Annual Meeting of the American College of Neuropsychopharmacology (ACNP 2013), Hollywood, Florida, December 8–12.

*†[P.15] **Voida, S.**, Matthews, M., Abdullah, S., Chi, M., Green, M., Jang, W. J., Hu, D., Weinrich, J., Patil, P., Rabbi, M., Rahman, T., Gay, G., Frank, E., & Choudhury, T. (2013). MoodRhythm: Tracking and supporting daily rhythms. Interactive demonstration presented at the ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp 2013), Zürich, Switzerland, September 8–12.

†[P.14] Khovanskaya, V., Adams, P., Baumer, E. P. S., **Voida, S.**, & Gay, G. (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 SIGCHI Conference on Human Factors in Computing Systems (CHI 2013), Paris, France, April 27–28.

†[P.13] **Voida, S.**, Choudhury, T., Gay, G., Matthews, M., Adams, P., Rabbi, M., Pollak, J. P., Chi, M., & Green, M. (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 SIGCHI Conference on Human Factors in Computing Systems (CHI 2013), Paris, France, April 27–28.

†[P.12] Hincapié-Ramos, J. D., **Voida, S.**, & Mark, G. (2011). Sharing availability information with InterruptMe. Interactive demonstration presented at the 13th International Conference on Ubiquitous Computing (UbiComp 2011), Beijing, China, September 17–21.

†[P.11] **Voida, S.**, Tobiasz, M., Stromer, J., Isenberg, P., & Carpendale, S. (2009). Getting Practical with Interactive Tabletop Displays: Designing for Dense Data, "Fat Fingers," Diverse Interactions, and Face-to-Face Collaboration. Interactive demonstration presented at the ACM International Conference on Interactive Tabletops and Surfaces (ITS 2009), Banff, Alberta, November 23–25.

[P.10] **Voida, S.** (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), Redmond, Washington, October 23.

[P.9] **Voida, S.**, Mynatt, E. D., & Edwards, W. K. (2007). Giornata: Re-envisioning the desktop metaphor to support activities in knowledge work. Interactive demonstration presented at the 20th Annual ACM Symposium on User Interface Software and Technology (UIST 2007), Newport, Rhode Island, October 7–10.

[P.8] **Voida, S.**, & Mynatt, E. D. (2006). Activity representations and tagging in support of resource organization and collaboration. Position paper for the CSCW 2006 workshop on Awareness in Activity-Centric Groupware Design, Banff, Alberta, November 4.

[P.7] **Voida, S.** (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), Montreux, Switzerland, October 15–18.

[P.6] **Voida, S.**, Mynatt, E. D., & Edwards, W. K. (2005). Towards activity-centered sharing. Position paper for the ECSCW 2005 workshop on Activity — From a Theoretical to a Computational Construct, Paris, France, September 19.

[P.5] **Voida, S.** & Mynatt, E. D., (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), Munich, Germany, May 11.

[P.4] **Voida, S.**, Edwards, W. K., & Newman, M. W. (2004). The Sharing Palette: A user interface for file and service sharing. Poster presented at the 17th Annual ACM Symposium on User Interface Software and Technology (UIST 2004), Santa Fe, New Mexico, October 24–27.

[P.3] **Voida, S.**, MacIntyre, B., & Mynatt, E. D. (2002). Supporting collaboration in a context-aware office computing environment. Position paper for the CSCW 2002 workshop on Public, Community, and Situated Displays: Design Use, and Interaction Around Shared Information Displays, New Orleans, Louisiana, November 16.

[P.2] **Voida, S.**, Mynatt, E. D., & MacIntyre, B. (2002). Supporting collaboration in a context-aware office computing environment. Position paper for the UbiComp 2002 workshop on Collaboration with Interactive Walls and Tables, Göteborg, Sweden, September 29.

[P.1] Hansen, K. M., MacIntyre, B., Mynatt, E. D., Tullio, J., & **Voida, S.** (2001). Hypermedia in the Kimura system: Using spatial, temporal, & navigational relationships to support multitasking and background awareness. Student poster presented at *ACM Hypertext 2001*, Århus, Denmark. August 14–18.

Invited Opinion/Commentary Articles

*[O.3] Fiesler, C., Aspray, W., Barker, L., Brubaker, J., Devendorf, L., Keegan, B., Palen, L., Paul, M., Szafir, D., Roque, R., Robinson, R., Voida, A., & **Voida, S.** (2017, July–August). Information science at CU. *Interactions 24*(4), 18–21.

*[O.2] **Voida, S.** (2014, November–December). What Are You Reading? *Interactions 21*(6), 12.

[O.1] **Voida, S.** (2012, March 21). Commentary on “Activity Theory” by Victor Kaptelinin. *interaction-design.org Encyclopedia of Human-Computer Interaction.* Retrieved 28 October 2012 from: http://www.interaction-design.org/encyclopedia/activity_theory.html#stephen+voida.

Technical Reports

[TR.2] Greenberg, S., **Voida, S.**, & Stehr, N. (2010). Artifact Buddy: The video (Research report 2010-983-32), Calgary, Alberta, Canada: Department of Computer Science, University of Calgary.

[TR.1] Mitchell, A., **Voida, S. A.**, Paradise, J., Martin, C.C., & Mynatt, E. D. (2000). Ictus: A user-centered system of score study for novice conductors (Technical Report GIT-GVU-00-08). Atlanta, Georgia: Georgia Institute of Technology, Graphics, Visualization, and Usability Center.

Theses & Dissertations

[T.1] **Voida, S.** (2008). Exploring user interface challenges in supporting activity-based knowledge work practices. Ph.D. dissertation, Georgia Institute of Technology, United States—Georgia. (Publication No. AAT 3327674).

Software Artifacts

†[S.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.18].

†[S.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 [P.13, P.15, P.16].

†[S.10] InterruptMe (2010)
Supervised design and implementation by PhD student intern Juan David Hincapié-Ramos
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.13, P.12].

[S.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.14].

†[S.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, P.11].

[S.7] WikiFolders (2008)
https://cheddar.ics.uci.edu/~svoida/wikifolders
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].

[S.6] *MEdia Space* (2008)
http://grouplab.cpsc.ucalgary.ca/cookbook/index.php/Demos/MEdiaSpace
A 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].

[S.5] *Giornata* (2006)
https://cheddar.ics.uci.edu/~svoida/Giornata
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].

†[S.4] *BuzzTrack* (2004)
Supervised design and implementation by Masters student Rahul Nair
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].

[S.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].

[S.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].

[S.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, P.6, T.1].

INVITED PRESENTATIONS – RESEARCH

LOCAL

Title	*Organization*	*Date*
*Personal Health Informatics at a Crossroads: Addressing the Pathology and Supporting the Social Ecologies of Long-Term Mental Health Management in mHealth Design	ATLAS Seminar, University of Colorado Boulder	Oct 2018
*Interactive Systems Prototyping to Explore Information Management and Temporality	Human-Centered Computing Interdisciplinary Research Seminar, University of Colorado Boulder	Mar 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	Mar 2016

Title	*Organization*	*Date*
*Personal information interfaces	IUPUI Research Day, Indiana University–Purdue University Indianapolis	Apr 2014
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	Oct 2012
User interface design to support real-world information work practices	Department of Informatics Friday Seminar, University of California, Irvine	Apr 2010

REGIONAL

Title	*Organization*	*Date*
*Fit'n Bits: Evaluation of the FitBit's user friendliness and motivation	20th Annual Indiana University Undergraduate Research Conference, Indiana University at Bloomington	Nov 2014

NATIONAL

Title	*Organization*	*Date*
*Collective informatics for mental health self-management	NSF/UVA Connections in Smart Health Workshop, Arlington, Virginia	Sep 2018
*From trace data to reflective personal informatics	"dub" Interdisciplinary Research Seminar, University of Washington	Oct 2016
*Understanding and mitigating information overload—From personal computing to mobile and ubiquitous computing ecosystems	Department of Information Science, University of Colorado, Boulder	Jan 2015
Understanding and mitigating information overload: From personal to ubiquitous computing	Informatics Seminar, School of Informatics and Computing at IUPUI	Feb 2013
Understanding and mitigating information overload: From personal to ubiquitous computing	Colloquium Series, School of Informatics and Computing, Indiana University at Bloomington	Feb 2013
Understanding and mitigating information overload—From personal to ubiquitous computing	Department of Software and Information Systems, University of North Carolina at Charlotte	Mar 2013
Understanding and mitigating information overload—From personal to ubiquitous computing	Information Systems Department Seminar, New Jersey Institute of Technology	Feb 2013
Responding to information overload: Interfaces, interaction techniques, and context-aware infrastructures	Information Studies Brown Bag, Syracuse University	Feb 2013.
User interface design to support real-world information work practices	School of Information, University of Michigan	Feb 2009
The augmented office project	IBM T.J. Watson Research Center	Jul 2002

INTERNATIONAL

Title	*Organization*	*Date*
*Personal Health Informatics at a Crossroads: Addressing the Pathology Bipolar Disorder and Supporting the Social Ecologies of Long--Term Mental Health Management in mHealth Design *(Invited Keynote)*	Human-Habitat for Health Workshop, International Conference on Multimodal Interaction	Oct 2018
User interface design to support real-world information work practices	Software Development Group, IT University of Copenhagen, Copenhagen, Denmark	Jun 2009
User interface design to support real-world information work practices	Department of Computer Science, University of British Columbia, Vancouver, British Columbia	Jan 2009
Activity-based user interfaces	Interactions Laboratory, Department of Computer Science, University of Calgary, Calgary, Alberta	Sep 2007

TEACHING:

TEACHING ASSIGNMENTS:

UNDERGRADUATE

Course #	*Short Title*	*Format*	*Role*	*Term*	*Enroll.*
University of Colorado Boulder					
*INFO 1201	Computational Reasoning 1	Lecture	Director	Fall 2017	105
*INFO 4871	Experience Design in Ubiquitous Computing	Lecture	Director	Spr 2017	12
*INFO 1201	Computational Reasoning 1	Lecture	Director	Fall 2016	126
Indiana University—Indianapolis (IUPUI)					
*INFO-I480	Expr Dsgn&Eval-Ubiquitous Comp	Lecture	Director	Fall 2014	5
*INFO-I480	Expr Dsgn&Eval-Ubiquitous Comp	Lecture	Director	Spr 2014	10
*INFO-I480	Expr Dsgn&Eval-Ubiquitous Comp	Lecture	Director	Fall 2013	11
University of California, Irvine					
INF148	Ubiquitous Comp Prototyp & Proj	Lecture	Director	Spr 2012	28
Georgia Institute of Technology					
CS 1315	Intro to Media Computation	Recitation	Instructor	Fall 2004	25
CS 1315	Intro to Media Computation	Recitation	Assistant	Fall 2003	25

GRADUATE

Course #	*Short Title*	*Format*	*Role*	*Term*	*Enroll.*
University of Colorado Boulder					
*INFO 6301	Computation for Research	Lecture	Director	Fall 2018	10
*INFO 5871	Experience Design in Ubiquitous Computing	Lecture	Director	Spr 2017	5
Indiana University—Indianapolis (IUPUI)					
*INFO-H564	Prototyping for Interactive Syst.	Lecture	Director	Spr 2015	15
*INFO-H566	Expr. Design for Ubiquitous Comp.	Lecture	Director	Spr 2015	30
*INFO-I590	Topics in Informatics: Ubicomp	Lecture	Director	Spr 2014	22

Course #	*Short Title*	*Format*	*Role*	*Term*	*Enroll.*
Georgia Institute of Technology					
CS 7470	Ubiquitous Computing	Lecture	Instructor	Fall 2006	4
CS 4452	Human-Centered Comp Concepts	Recitation	Assistant	Fall 2004	6

INVITED LECTURES/CLASS PRESENTATIONS

Course #	*Short Title*	*Presentation Format*	*Date*
University of Colorado Boulder			
*INFO 2131	Information Ecosystems Studio	Invited research panel	Fall 2018
*INFO 7000	Introduction to Doctoral Studies in Info Sci	Invited research talk	Fall 2016
*CMCI 1020	Concepts and Creativity 2	Led two topic lectures	Spring 2016
Indiana University—Indianapolis (IUPUI)			
*INFO-H624	Advanced Seminar I	Invited research talk	Fall 2014
*INFO-I305	Introduction to Research in Informatics	Invited research talk	Fall 2013
*INFO-H534	Seminar in Human–Computer Interaction	Invited research talk	Fall 2013
*INFO-I667	Seminar in Health Informatics I	Invited research talk	Fall 2013
University of Calgary			
Intro to Cocoa: A crash course in programming Macs, iPhones & iPod Touches		Research workshop	Aug 2009

MENTORING & ADVISING:

UNDERGRADUATE RESEARCH ADVISING

Student	*Role*	*Dates*
University of Colorado Boulder		
*Marissa Kelley	Advisor, paid research assistantship (10 hr/wk)	Spr 2018–present
*Stephen Barton	Advisor, paid research assistantship (10 hr/wk)	Fall 2017–present
*Alexander Ray	Advisor, CSCI-4900 UD Undergrad Ind. Study (3 cr.)	Fall 2016–Spr 2017
*Ha Tran	Advisor, CEAS Discovery Learning Apprenticeship	Sum 2016–Spr 2017
*Alexander Ray	Advisor, paid research assistantship (20 hr/wk)	Sum 2016, 2017
*Mackinley Kath	Advisor, paid research assistantship (20 hr/wk)	Sum 2016
*Helena Kwiat	Advisor, paid research assistantship (20 hr/wk)	Sum 2016
Indiana University—Indianapolis (IUPUI)		
*Joshua Ward	Advisor, INFO-I499 Research in Informatics (3 cr.)	Spr 2014
University of California, Irvine		
Sohrob Raja	Advisor, IN4MATX 199 Individual Study (3 cr.)	Spr 2012
Georgia Institute of Technology		
Umang Dua	Advisor, CS 4902 Spec. Prob. in Comp. Sci. (3 cr.)	2003
Chad Carpenter	Advisor, CS 4902 Spec. Prob. In Comp. Sci. (3 cr.)	2002

UNDERGRADUATE CAPSTONE/FINAL PROJECT COMMITTEES — by role

Student	*Role*	*Dates*
University of Colorado Boulder/Universitat Politècnica de Catalunya		
*Gerard Casas Saez (BS, Informatics Eng.)	Member, Bachelor Thesis Cte	Sum 2017
Indiana University—Indianapolis (IUPUI)		
*Jessica Despard (BS, Psychology)	Advisor, Psych Honors Capstone (6 cr.)	Fall 2014–Spr 2015
*Joshua Ward (BS, Informatics)	Advisor, Informatics Senior Thesis (3 cr.)	Sum 2014
*Joshua Ward (BS, Informatics)	Advisor, Informatics Ind. Study (3 cr.)	Spr 2014

GRADUATE RESEARCH ADVISING

Student (Degree)	*Role*	*Dates*
University of Colorado Boulder		
*Tara Walker (PhD, MDRP)	Advisor, INFO 7841 Ind. Study, HCI Methods (3 cr.)	Fall 2017
*Wendy Norris (PhD, MDRP)	Advisor, Graduate Research Assistantship	Sum 2016
Indiana University—Indianapolis (IUPUI)		
*Jessica Despard (PhD, HCI)	PhD Advisor, INFO-H790 Research Rotation (3 cr.)	Sum I 2015
*Victor Cornet (PhD, HCI)	PhD Advisor, INFO-H554 Ind. Study, HCI (6 cr.)	Fall 2014–Spr 2015
*Kunal Bodke (MS, HCI)	Advisor, INFO-H554 Ind. Study, HCI (3 cr.)	Sum 2015
*Abdulaziz Alderhami (MS, HCI)	Advisor, INFO-H554 Ind. Study, HCI (3 cr.)	Sum 2015
*Malvika Bansal (MS, HCI)	Advisor, INFO-H554 Ind. Study, HCI (3 cr.)	Sum 2014
*Shivin Saxena (MS, HCI)	Advisor, INFO-H554 Ind. Study, HCI (3 cr.)	Sum 2014
*Joe Dara (MS, HCI)	Supervisor, paid research assistantship (20 hr/wk)	Spr 2015–Sum 2015
*Alex Chambers (MS, HCI)	Supervisor, paid research assistantship (20 hr/wk)	Spr 2014–Sum 2015
*Ryan Ahmed (MS, HCI)	Supervisor, paid research assistantship (10 hr/wk)	Fall 2013–Spr 2015
*Xinxin He (MS, HCI)	Supervisor, paid research assistantship (10 hr/wk)	Fall 2013–Spr 2015
*Joshua Ward (MS, HCI)	Supervisor, paid research assistantship (5 hr/wk)	Fall 2014
*Ashleigh Young (MS, MAS)	Supervisor, paid research assistantship (5 hr/wk)	Fall 2013
Cornell University		
Mengxi Chi (MPS, Info Sci)	Advisor, INFO 5900 Ind. Research (3 cr.)	Spr 2013
Matthew Green (MPS, Info Sci)	Advisor, INFO 5900 Ind. Research (3 cr.)	Spr 2013
Andrew Wisnieff (MPS, Info Sci)	Advisor, INFO 5900 Ind. Research (3 cr.)	Spr 2013
University of California, Irvine		
Juan David Hincapié-Ramos	Advisor, PhD student internship (3 mos.)	Fall 2010
Georgia Institute of Technology		
Rahul Nair (MS, HCI)	Advisor, CS 8903 Special Problems (3 cr.)	2003–2005
Ron Barbas (MS, HCI)	Advisor, CS 8903 Special Problems (3 cr.)	2001–2003

MASTERS THESIS COMMITTEES — by role

Student	*Role*	*Dates*
Indiana University—Indianapolis (IUPUI)		
*Katie Tanaka	Member, MS committee	Spr 2015–Sum 2015

DOCTORAL DISSERTATION COMMITTEES — by role

Student	*Role*	*Dates*
University of Colorado Boulder		
*Janghee Cho (PhD, INFO)	PhD Dissertation Advisor	Fall 2018–present
*Lucy Van Kleunen (PhD, CS)	PhD Dissertation Advisor	Fall 2018–present
*Wendy Norris (PhD, INFO)	PhD Dissertation Advisor	Spr 2017–present
*Jason Zietz (PhD, CS/ICS/NS)	PhD Dissertation (Co-)Advisor	Spr 2016–present
*Mazin Hakeem (PhD, CS)	Member, PhD (proposal) committee	Fall 2017–present
*Reem Albaghli (PhD, CS)	Member, PhD (proposal) committee	Spr 2017–present
*Rsha Mirza (PhD, CS)	Member, PhD (prelim/proposal) ctes	Spr 2016–present
*Jennings Anderson (PhD, CS)	Member, PhD (prelim) committee	Spr 2016

Student	*Role*	*Dates*
Indiana University—Indianapolis (IUPUI)		
*Yuan Jia (PhD, HCI)	PhD Dissertation (Co-)Advisor	Spr 2014–Spr 2018
*Jessica Despard (PhD, HCI)	Transitional PhD Dissertation Advisor	Sum 2015
*Victor Cornet (PhD, HCI)	PhD Dissertation Advisor	Fall 2014–Sum 2015
*Likun (Arthur) Liu (PhD, HCI)	Chair, PhD committee	Fall 2014–Sum 2015
*Preethi Srinivas (PhD, HCI)	Chair, PhD committee	Spr 2013–Sum 2015
*Debaleena Chattopadhyay (PhD, HCI)	Member, PhD committee	Spr 2014–Sum 2016
*Afarin Pirzadeh (PhD, HCI)	Member, PhD committee	Fall 2014–Fall 2015
*Masoud Hosseini (PhD, Bioinformatics)	Member, PhD committee	Fall 2014–Sum 2015
*Romisa Rohani (PhD, HCI)	Member, PhD committee	Fall 2013–Sum 2015
*Moon Pil Sung (PhD, HCI)	Member, PhD committee	Fall 2013–Fall 2014

TEACHING ADMINISTRATION AND CURRICULUM DEVELOPMENT:

Activity	*Dates*
University of Colorado Boulder	
*Developed a new course, INFO 6301, significantly expanding the scope of this "Foundations" course (1 of 6 required of Information Science PhD students at CU Boulder) from its originally-proposed focus on teaching basic programming skills. The revised syllabus instead emphasized exploring the breadth of roles that computation plays in Information Science[-adjacent] research, which included an *abbreviated* introduction to key programming concepts, but also covered the ways in which computation can facilitate different kinds of data collection and analysis and enable interactive experience prototyping. Students in the course were also exposed to a variety of techniques for effective communication of technical details in published scholarship.	Fall 2018
*Developed a new course, INFO 1201, to satisfy the College of Media, Communication, and Information's core "computational reasoning" requirement (with INFO Assistant Professor Danielle Szafir). Adapted from an existing *Media Computation* curriculum developed at the Georgia Institute of Technology, INFO 1201 introduces computational concepts through the manipulation of media artifacts (e.g., images, sounds, and structured text), teaches students basic programming skills in the Python programming language, and serves as an overview of data storage and manipulation concerns related to CMCI-centric careers. The course was designed to scale to moderately large classes (120–180 students) and included the design of new assignments and lecture materials.	Fall 2016
*As a member of the Undergraduate Curriculum Committee for the Department of Information Science at CU-Boulder, I contributed to the development of the BS curriculum from scratch based on a number of factors, including: (1) survey of best practices for teaching computing and informatics content to undergraduates for inclusion and retention; (2) frequent consultation with a number of experts on campus, including NCWIT and the Center for STEM education; (3) in-depth analysis of the interdiscipline of information science and how it might be taught anew to undergraduates; (4) competitive analysis of BS programs (both domestic and international) in related areas; (5) multiple phases of iterative development with feedback from faculty and administration from across campus and CMCI, as well as feedback from external experts in the field (both academia and industry); (6) development of catalog copy and basic outlines of courses for purposes of course proposal submissions; (7) development of the Information Science Minor. As a member of the Graduate Curriculum Committee, I contributed to the development of a program of study for the PhD in Information Science—from scratch—including curriculum development for individual courses and development of PhD admissions requirements.	Fall 2015–present

Activity	*Dates*
Indiana University—Indianapolis (IUPUI)	
*Prepared a significant re-design of INFO-H564: *Prototyping for Interactive Systems*, a required undergraduate course for the B.S. in Informatics. The course re-design balanced the existing/previous course's emphasis on paper prototyping (primarily for usability evaluation) with an increased exposure to physical and hybrid prototyping techniques, including an introduction to Arduino-based design and implementation. The course was designed to be delivered both in-person and online, with a common lecture/demonstration component and separate discussion and project spaces for the campus and distributed groups.	Spr 2015
*Developed a new graduate course, INFO-I590: *Topics in Informatics: Ubiquitous Computing* (re-numbered and titled INFO-H566: *Experience Design for Ubiquitous Computing* during the remonstrance process). This course features a significant reading seminar component, exposing students to a broad sampling of visioning, implementation, and application papers that have served to define the ubiquitous computing research domain, as well as a small-group research project component, where students will work in teams to design, implement, and/or evaluate the design of a novel ubiquitous computing system. Four of the highest-quality final group project submissions from the spring 2014 section of the course were submitted to the peer-reviewed interactive poster and demonstration track of the top-tier ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp); all four were accepted for presentation at the conference.	Spr 2014
*Re-designed an existing undergraduate informatics course, INFO-I480: *Experience Design and Evaluation of Ubiquitous Computing*, which was previously focused on the design and usability evaluation of mobile computing systems. The new, lecture-based and project-centered course provides students with a more general overview of the various technologies implicated in the implementation of ubiquitous computing systems/environments, as well as introducing a sampling of sketching/prototyping and evaluation techniques employed by "ubicomp" practitioners. Two major foci of the course are (1) training students to effectively communicate their design ideas to other designers and to potential system users, and (2) providing students experience in constructively critiquing their peers' evolving system design concepts.	Fall 2013

SERVICE:

UNIVERSITY SERVICE:

DEPARTMENT

Activity	*Role*	*Inclusive Dates*
University of Colorado Boulder		
*CMCI graduate studies committee (INFO departmental representative)	Member	Fall 2018–present
*Undergraduate curriculum committee for the BS program in Information Science	Member	Fall 2015–Fall 2017
*Tenure-track faculty search committee (open-rank)	Chair	Fall 2015–Spr 2016

Activity	*Role*	*Inclusive Dates*
*Graduate curriculum development committee for the PhD program in Information Science	Member	Fall 2015–Spr 2016
*Graduate student admissions committee for the PhD programs in Information Science and Computer Science (Human-Centered Computing)	Member	Fall 2015–Spr 2016
*Information science departmental space/facilities committee	Member	Fall 2015–Spr 2016
Indiana University—Indianapolis (IUPUI)		
*Tenure-track faculty search committee	Member	Fall 2014–Spr 2015
*Weekly departmental brown-bag seminar series	Chair	Spr 2013–Spr 2015
*Graduate student admissions committee for the PhD program in Human-Centered Computing	Member	Spr 2013–Spr 2015
*Graduate student admissions committee for the MS program in Human–Computer Interaction	Member	Fall 2013–Spr 2015
*Human–Computer Interaction graduate curriculum development committee	Member	Fall 2013–Spr 2015

COLLEGE/SCHOOL

Activity	*Role*	*Inclusive Dates*
University of Colorado Boulder		
*CMCI graduate committee (INFO departmental representative)	Member	Fall 2018–present
*CMCI Academic Success working group	Member	Spr 2017
Indiana University—Indianapolis (IUPUI)		
*SoIC colloquia committee	Member	Fall 2013–Spr 2015
*Informatics undergraduate core curriculum development committee	Member	Fall 2013–Spr 2015
*Search committee for career services counselor	Member	Fall 2013
*SoIC distinguished speaker series	Visiting speaker host	Spr 2014

CAMPUS

Activity	*Role*	*Inclusive Dates*
University of Colorado Boulder		
*OVCR ad-hoc committee on faculty engagement in innovation initiatives	Member (CMCI Representative)	Fall 2016
Indiana University—Indianapolis (IUPUI)		
*IUPUI Faculty Council research affairs committee	Member	Fall 2014–Spr 2015
*IUPUI Center for Teaching and Learning Advisory Board	Member	Fall 2014–Spr 2015

PROFESSIONAL SERVICE:

REGIONAL

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

NATIONAL

Activity	*Role*	*Inclusive Dates*
Computing Community Consortium/ Computing Research Association	Invited participant, "Roadmapping for Interactive Technology" workshop on Interactive Systems Architecture	2010
National Science Foundation	Core programs reviewer (III)	2010
National Science Foundation	Core programs panelist (HCC)	2009

INTERNATIONAL

Activity	*Role*	*Inclusive Dates*
Service to International Journals and Scientific Publishers		
**ACM Transactions on Computer–Human Interaction*	Journal Reviewer	2005, 2012–2013, 2018
**International Journal of Human–Computer Studies*	Journal Reviewer	2017
**New Media & Society*	Journal Reviewer	2016
**Human–Computer Interaction*	Journal Reviewer	2015
*CRC Press	Book Proposal Reviewer	2015
**Journal of the American Society for Information Science and Technology*	Journal Reviewer	2013
Computer Supported Cooperative Work (CSCW)	Journal Reviewer	2011
Multimedia Systems Journal	Journal Reviewer	2009
Communications of the ACM	Journal/Professional Society Magazine Reviewer	2007

Workshops Organized

*Murnane, E. L., Snyder, J., **Voida, S.**, Bietz, M. J., Matthews, M., Munson, S., & Pina, L. R. (co-organizers) (2018). Social issues in personal informatics: Design, data, and infrastructure. Workshop in conjunction with the ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW 2018), Jersey City, New Jersey, November 4.

*Eschenfelder, K., **Voida, S.**, & Sawyer, S. (co-organizers) (2016). Crash course for sociotechnical scholars: Introductory concepts and approaches. Workshop in conjunction with the Eleventh Annual iSchools Organization Conference (iConference 2016), Philadelphia, Pennsylvania, March 20–23.

*Sawyer, S., Allen, W., Monroy, C., Shankar, K., Su, N. M., & **Voida, S.** (co-organizers) (2015). Workshop on sociotechnical approaches to fieldwork and trace data integration. Workshop in conjunction with the Tenth Annual iSchools Organization Conference (iConference 2015), Newport Beach, California, March 24–27.

Service to International Refereed Conferences — Service as Program Chair/Co-chair

*ACM SIGCHI Conference on Human Factors in Computing Systems (CHI)	Co-chair, Interactivity—Demos program committee	2017
ACM SIGCHI Conference on Human Factors in Computing Systems (CHI)	Co-chair, Works-in-Progress program committee *(managed 44 ACs and 319 submissions, 57% acceptance rate)*	2010
ACM Symposium on User Interface Software and Technology (UIST)	Co-chair, posters program committee *(average of 34 submissions and 51% acceptance rate per year)*	2007, 2009, 2010

Service to International Refereed Conferences — Service as Technical/Program Committee Member

*Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (PACM–IMWUT)	Associate journal editor	2017–present
*European Conference on Computer-Supported Cooperative Work (ECSCW)	Program committee member	2018
*Canadian Computer–Human Communications Society Graphics Interface (GI)—HCI Track	Program committee member	2018
*ACM SIGCHI Conference on Human Factors in Computing Systems (CHI)	Associate chair, papers and notes program committee	2009, 2016
*New Frontiers on Quantified Self Workshop (co-located with the UbiComp 2016 conference)	Program committee member	2016
*ACM Conference on Designing Interactive Systems (DIS)	Associate chair, papers and notes program committee	2014
*iConference	Program committee member, posters	2014
IFIP TC13 Conference on Human-Computer Interaction (INTERACT)	Program committee member, long research papers	2013
International Symposium on End-User Development (IS-EUD)	Program committee member, papers	2013

Activity	*Role*	*Inclusive Dates*
ACM SIGCHI Conference on Human Factors in Computing Systems (CHI)	Program committee member, video showcase	2009, 2011–2012
ACM Symposium on User Interface Software and Technology (UIST)	Associate chair, papers and notes program committee	2011
ACM Conference on Computer Supported Cooperative Work (CSCW)	Associate chair, papers and notes program committee	2011
International ACM Conference on Supporting Group Work (GROUP)	Program committee member, papers and notes	2010
Workshop on Human–Computer Interaction and Information Retrieval (HCIR)	Program committee member	2010

Service to International Refereed Conferences — Service as Organizing Committee Member

ACM Symposium on User Interface Software and Technology (UIST)	"Madness" chair	2010
International ACM Conference on Supporting Group Work (GROUP)	Proceedings chair	2009
ACM Conference on Computer Supported Cooperative Work (CSCW)	Electronic proceedings chair	2008
ACM Symposium on User Interface Software and Technology (UIST)	Proceedings co-chair	2006
ACM Symposium on User Interface Software and Technology (UIST)	Student volunteer co-chair	2005
International Conference on Ubiquitous Computing (UbiComp)	Student volunteer chair	2003

Service to International Refereed Conferences — Service as Session Chair

*iConference	Session chair: papers and notes	2015
ACM SIGCHI Conference on Human Factors in Computing Systems (CHI)	Session chair: papers and notes	2009–2011
ACM Conference on Computer-Supported Cooperative Work (CSCW)	Session chair: papers and notes	2011

Service to International Refereed Conferences — Service as Reviewer

*International Conference on Tangible, Embedded, and Embodied Interaction (TEI)	Reviewer: papers	2013, 2017–2019
*ACM SIGCHI Conference on Human Factors in Computing Systems (CHI)	Reviewer: papers, notes, demonstrations, and posters/works-in-progress	2002–2018
*International Symposium on Human Factors and Ergonomics in Health Care: Improving the Outcomes	Reviewer: "Mobile Health Applications for Consumers" student design competition	2015, 2017–2018

Activity	*Role*	*Inclusive Dates*
*ACM Conference on Designing Interactive Systems (DIS)	Reviewer: papers and notes	2012, 2018
*ACM Conference on Computer-Supported Cooperative Work (CSCW)	Reviewer: papers and notes	2004, 2006, 2008, 2010–2012, 2016–2017
*ACM Symposium on User Interface Software and Technology (UIST)	Reviewer: papers and notes	2002, 2005–2016
*ACM Joint International Conference on Pervasive and Ubiquitous Computing (UbiComp)	Reviewer: papers, notes, demonstrations, and posters	2003–2004, 2010, 2014
*8th Nordic Conference on Human–Computer Interaction (NordiCHI)	Reviewer: papers	2014
*International Conference on Human–Computer Interaction with Mobile Devices and Services (MobileHCI)	Reviewer: papers and notes	2013–2014
Canadian Computer–Human Communications Society Graphics Interface (GI)	Reviewer: papers	2003, 2011
IFIP TC13 Conference on Human-Computer Interaction (INTERACT)	Reviewer: papers	2011
ACM International Conference on Interactive Tabletops and Surfaces (ITS)	Reviewer: papers	2009–2010
IEEE Workshop on Tabletops and Interactive Surfaces (Tabletop)	Reviewer: papers	2008
International Conference on Intelligent User Interfaces (IUI)	Reviewer: papers	2003

INVITED PRESENTATIONS – Service (non-refereed, including community outreach & recruiting):

LOCAL

Activity	*Role*	*Inclusive Dates*
Indiana University—Indianapolis (IUPUI)		
*Interaction Design for Ubiquitous Computing	Guest lecture/workshop for an advanced CS course (6 junior- and senior-level high school students) at Park Tudor school	Fall 2014
*School of Informatics and Computing @ IUPUI: Research Overview	Presentation to ~30 undergraduate participants in the Indy Xtern summer program	Sum 2014
*Human-Centered Computing Research	Presentation to 4 prospective transfer students from local community colleges	Fall 2013
*Human–Computer Interaction in SoIC @ IUPUI	Two presentations to a total of approximately 40 local high school students visiting campus as part of the Fall 2013 “HCC Showcase” recruiting day	Fall 2013

SELECTED MEDIA COVERAGE – RESEARCH

BROADCAST MEDIA

Multitasking, and is it good or bad for the brain? (interview). *The Exhausted Parent Network Radio Show, KMMT Radio, Mammoth Lakes, California*, October 4, 2012.

The Daily Health Watch (interview). *The Bill Good Show, CKNW AM 980, Vancouver, British Columbia*, May 15, 2012.

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

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PROFESSIONAL MEMBERSHIPS:

*Association for Computing Machinery (ACM)	1998–present
*ACM Special Interest Group on Computer–Human Interaction (SIGCHI)	1998–present

PROFESSIONAL CERTIFICATIONS:

Private pilot, single engine land	2006

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