

CV | STACY M. BRANHAM

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stacybranham.com

EDUCATION

- 2014 Ph.D., Computer Science, Virginia Tech (VT) – Blacksburg, VA
Center for Human Computer Interaction
Title: Designing Technologies for Empathic Communication
Advisor: Steve Harrison
Committee: Christopher Hoadley, Fred Piercy, Dennis Kafura, Manuel Pérez-Quiñones
- 2007 B.S., Computer Science, minor in Mathematics, Virginia Tech (VT) – Blacksburg, VA

PROFESSIONAL EXPERIENCE

Academic Appointments

- 2018- University of California, Irvine (UCI) - Irvine, CA
Department of Informatics
2019- Co-Faculty Director, Masters in HCI Design (MHCID)
2018- Assistant Professor
- 2014- University of Maryland, Baltimore County (UMBC) - Baltimore, MD
Department of Information Systems
2018- Adjunct Assistant Professor
2015-18 Lecturer
2014-15 Postdoctoral Researcher *with* Shaun Kane

Industrial Research

- 2012 Fuji Xerox Palo Alto Laboratory (FXPal) - Palo Alto, CA
Research Intern
with Scott Carter
- 2010 Intel Labs - Portland, OR
Research Intern
with Tad Hirsch
- 2009 Fuji Xerox Palo Alto Laboratory (FXPal) - Palo Alto, CA
Research Intern
with Gene Golovchinsky, Scott Carter, Jacob Biehl

Industrial Practice

- 2008 Meridium, Inc. - Roanoke, VA
Usability Engineer
- 2007 Northrop Grumman - Chantilly, VA
Software Engineer
- 2006-07 IBM - Raleigh, NC
Software Developer

RESEARCH GRANTS

- 2019-21 \$511,636 (\$241,706 UCI), Toyota Motor North America (TMNA) - External
University Mobility Challenge: Designing Wayfinding Technologies that Blind and Older Individuals Can Trust
UCI PI: **Stacy Branham**; UMBC PI: Ravi Kuber
- 2019-21 \$175,000, NSF CRII - External
Making Universally Usable Technologies to Enhance Parent-Child Co-Reading and Early Literacy Skills at Home
PI: **Stacy Branham**
- 2018-19 \$84,540, Maryland Industrial Partnerships (MIPS) and TRX Systems, Inc. - External
Smart Wayfinding and Navigation Using 3D Location
UMBC PI: **Stacy Branham**; TRX Systems, Inc. PI: Carol Politi (Ravi Kuber made PI upon my move to UCI)
- 2017-18 \$356,657, NSF CRI - External
Flexible UI Instrumentation for Ubiquitous and Immersive Computing Environments
PI: Wayne Lutters; coPIs: Anita Komlodi, Ravi Kuber, Helena Mentis, Andrea Kleinsmith;
Senior Personnel: Amy Hurst, **Stacy Branham**
- 2016-18 \$190,000, Toyota Engineering and Manufacturing North America (TEMA) - External
Hardware Design and Field Evaluation of an Ultra-Mobile Navigation Aid for Blind People
PI: Amy Hurst; coPI: **Stacy Branham**
- 2016-17 \$29,886, UMBC CoEIT Strategic Plan Implementation Grant Program - Internal
Revitalizing the CoEIT User Studies Lab
PI: Wayne Lutters; coPIs: **Stacy Branham**, Amy Hurst, Andrea Kleinsmith, Anita Komlodi, Ravi Kuber, Helena Mentis

AWARDS AND HONORS

- 2019 Best Paper Award Honorable Mention [C.16]
Conference on Designing Interactive Systems (DIS)
- 2018-19 Provost's Leadership Academy Member
nominated by Chair André van der Hoek
- 2018 Recognition of Contribution to Diversity and Inclusion [J.5]
Computer-Supported Cooperative Work (CSCW)
- 2018 Best Student Paper Award [C.15]
Conference on Computers and Accessibility (ASSETS)
- 2018 Best Paper Award [C.12]
Conference on Human Factors in Computing Systems (CHI)
- 2017 Honor Roll Member, Outstanding First-Year Student Advocate Award
nominated by Dean Keith Bowman, one nominee per University
- 2015 Best Paper Award [C.7]
Conference on Human Factors in Computing Systems (CHI)
- 2012 Best Paper Award [C.6]
Conference on Designing Interactive Systems (DIS)
- 2013 Systems Grace Hopper Conference Travel Scholarship
- 2009-12 Clare Boothe Luce Graduate Research Fellowship, \$40,000 / year

- 2007 Grace Hopper Conference Travel Scholarship
2007 Senior Service Award, Department of Computer Science, Virginia Tech
2005/06 CAMEO Scholarship, \$1,500 / year

PUBLICATIONS¹

Journal Articles

- [forth.] *Abdolrahmani, A., *Storer, K.M., *Mukkath Roy, A.R., Kuber, R., & Branham, S.M. Blind Leading the Sighted: Drawing Design Insights from Blind Users Towards More Productivity-Oriented Voice Interfaces. *Transactions on Accessible Computing (TACCESS)*. *forthcoming*
- [J.5] *Scheuerman, M., Hamidi, F., & Branham, S.M. “Safe Spaces or Safe Places? Unpacking Technology-Mediated Experiences of Safety and Harm with Transgender People.” *In Proceedings of the ACM on Human-Computer Interaction*, 2, **CSCW**, Article 155, November 2018, 27 pages. (acceptance rate: 26%, **Recognition of Contribution to Diversity and Inclusion** - top 2%)
- [J.4] Nathan, L., Thieme, A., Tatar, D., & Branham, S.M. Special Issue Editorial: “Disruptions, Dilemmas & Paradoxes: Ethical Matter(s) in Design Research.” *Interacting with Computers (IwC)*, 29(1), January 2017, 9 pages.
- [J.3] *Oh, U., Branham, S.M., Findlater, L., & Kane, S. “Audio-Based Feedback Techniques for Teaching Touchscreen Gestures.” *Transactions on Accessible Computing (TACCESS)*, 7(3), November 2015, Article 9, 29 pages.
- [J.2] Carter, S., Adcock, J., Cooper, M., & Branham, S.M. “Tools to support expository video capture and access.” *Education and Information Technologies*, 19(3) September 2014, 18 pages.
- [J.1] McCrickard, D.S., Wahid, S., Branham, S.M., & Harrison, S. “Achieving both creativity and rationale: reuse in design with images and claims.” *Human Technology*, 7(2), January 2011, 14 pages.

Conference Papers

- [forth.] *Storer, K., Branham, S.M., Judge, T.K. “‘All in the Same Boat’: Tradeoffs of Voice Assistant Ownership for Mixed-Visual-Ability Families.” *In Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI '20)*, Honolulu, HI, April 25-30, 2020. (acceptance rate: 24%) *forthcoming*

¹ In my field, top-tier conference publications undergo a rigorous peer-review and revision process and are therefore highly valued. Author names are generally listed in order of descending effort towards writing and framing the scientific contribution, with those who funded and managed the work appearing last. Co-authors who were students at the time of publication are denoted by asterisks (*graduate, **undergraduate).

- [forth.] *Gupta, M., *Abdolrahmani, A., Majali, Y., Lazanga, M., Tarra, S., Patil, P., *Mukkath Roy, A.R., *Sinnarkar, S., Kuber, R., Branham, S.M. “Towards More Universal Wayfinding Technologies: Navigation Preferences Across Disabilities.” *In Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI '20)*, Honolulu, HI, April 25-30, 2020. (acceptance rate: 24%) *forthcoming*
- [C.17] Branham, S.M. & *Mukkath Roy, A.R. “Reading Between the Guidelines: How Commercial Voice Assistant Guidelines Hinder Accessibility for Blind Users.” *In Proceedings of the ACM SIGACCESS Conference on Computers & Accessibility (ASSETS '19)*, Pittsburgh, PA, October 28-30, 2019. (acceptance rate: 26%)
- [C.16] *Storer, K. & Branham, S.M. “That’s the Way Sighted People Do It: What Blind Parents Can Teach Technology Designers About Co-Reading with Children.” *In Proceedings of the ACM Conference on Designing Interactive Systems (DIS '19)*, San Diego, CA, June 23-28, 2019, 385-398. (acceptance rate: 25%, **Best Paper Award Honorable Mention** - top 2%)
- [C.15] *Bennett, C., Brady, E., & Branham, S.M. “Interdependence as a Frame for Assistive Technology Research and Design.” *In Proceedings of the ACM SIGACCESS Conference on Computers & Accessibility (ASSETS '18)*, Galway, Ireland, October 22-24, 2018, 161-173. (acceptance rate: 26%, **Best Student Paper Award** - top 2.5%)
- [C.14] *Abdolrahmani, A., Kuber, R., & Branham, S.M. “‘Siri Talks at You’: An Empirical Investigation of Voice Activated Personal Assistant (VAPA) Usage by Individuals Who are Blind.” *In Proceedings of the ACM SIGACCESS Conference on Computers & Accessibility (ASSETS '18)*, Galway, Ireland, October 22-24, 2018, 249-258. (acceptance rate: 26%)
- [C.13] Lee J.S., Dickey-Kurziolek M., & Branham, S.M. “A Design Provocation for Humble Designers and Empowered Users.” *In Proceedings of the Conference on Design, User Experience and Usability (DUXU '18)*, Las Vegas, NV, July 15-20, 51-61.
- [C.12] Hamidi, F., *Scheuerman, M., & Branham, S.M. “Gender Recognition or Gender Reductionism? The Social Implications of Automatic Gender Recognition Systems.” *In Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI '18)*, Montréal, Quebec, April 21-26, 2018, Paper 8, 1-13. (acceptance rate: 23%, **Best Paper Award** - top 1%)
- [C.11] Branham, S.M., *Abdolrahmani, A., *Easley, W., *Scheuerman, M., **Ronquillo, E., & Hurst, A. “‘Is Someone There? Do They Have a Gun?’: How Visual Information About Others Can Improve Personal Safety Management for Blind Individuals.” *In Proceedings of the ACM SIGACCESS Conference on Computers & Accessibility (ASSETS '17)*, Baltimore, MD, October 30 - November 1, 2017, 260-269. (acceptance rate: 26%)
- [C.10] *Abdolrahmani, A., *Easley, W., Williams, M., Branham, S.M., & Hurst, A. “Embracing Errors: Examining How Context of Use Impacts Blind Individuals’ Acceptance of Navigation Aid Errors.” *In Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI '17)*, Denver, CO, May 6-11, 2017, 4158-4169. (acceptance rate: 25%)
- [C.9] Branham, S.M. & Kane, S. “The Invisible Work of Accessibility: How Blind Employees Manage Accessibility in Mixed-Ability Workplaces.” *In Proceedings of the ACM SIGACCESS Conference on Computers & Accessibility (ASSETS '15)*, Lisbon, Portugal, October 26-28, 2015, 163-171. (acceptance rate: 24%)

- [C.8] Branham, S.M. & Kane, S. “Collaborative Accessibility: How Blind and Sighted Companions Co-Create Accessible Home Spaces.” *In Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI ’15)*, Seoul, Korea, April 18-23, 2015, 2373-2382. (acceptance rate: 23%)
- [C.7] *Buehler, E., Branham, S.M., *Ali, A., **Chang, J., **Hofmann, M., Hurst, A., & Kane, S. “Sharing is Caring: Assistive Technology Designs on Thingiverse.” *In Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI ’15)*, Seoul, Korea, April 18-23, 2015, 525-534. (acceptance rate: 23%, **Best Paper Award** - top 1%)
- [C.6] Branham, S.M., Harrison, S.H., & Hirsch, T. “Expanding the design space for intimacy: supporting mutual reflection for local partners.” *In Proceedings of the Conference on Designing Interactive Systems (DIS ’12)*, Newcastle, UK, June 2012, 220-223. (acceptance rate: 20%) (**Best Paper Award** - top 2%)
- [C.5] Lee, J.S., Branham, S.M., & Tatar, D. “Processlessness: staying open to interactional possibilities.” *In Proceedings of the Conference on Designing Interactive Systems (DIS ’12)*, Newcastle, UK, June 2012, 78-81. (acceptance rate: 20%)
- [C.4] Carter, S., Adcock, J., Doherty, J., & Branham, S.M. “NudgeCam: toward targeted, higher-quality media capture.” *In Proceedings of the ACM Conference on Multimedia (MM ’10)*, Firenze, Italy, October 2010, 615-618. (acceptance rate: 18%)
- [C.3] Wahid, S., Branham, S.M., McCrickard, D.S., & Harrison, S. “Investigating the relationship between imagery and rationale in design.” *In Proceedings of the Conference on Designing Interactive Systems (DIS ’10)*, Aarhus, Denmark, August 2010, 75-84. (acceptance rate: 15%)
- [C.2] Branham, S.M., Golovchinsky, G., Carter, S., & Biehl, J. “Let’s go from the whiteboard: supporting transitions in work through whiteboard capture and reuse.” *In Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI ’10)*, Atlanta, Georgia, April 2010, 75-84. (acceptance rate: 22%)
- [C.1] Wahid, S., Branham, S.M., McCrickard, D.S., & Harrison, S. “Picking up artifacts: storyboarding as a gateway to reuse.” *In Proceedings of the Conference on Human-Computer Interaction (INTERACT ’09)*, Uppsala, Sweden, September 2009, 528-541. (acceptance rate: 27%)

Conference Workshop & Poster Papers (Lightly-Reviewed)

- [C-LR.13] *Mukkath Roy, A.R., *Abdolrahmani, A., Kuber, R., & Branham, S.M. “Beyond Being Human: The (In)Accessibility Consequences of Modeling VAPAs After Human-Human Conversation.” *In Proceedings of the iConference (iConference ’19)*, Washington, D.C., Mar 31 - Apr 3, 2019, 1-5.
- [C-LR.12] **Gupta, M., Kuber, R., & Branham, S.M. “Towards Identifying and Classifying Navigation Strategies Among Individuals with Diverse Disabilities.” *In Proceedings of the iConference (iConference ’19)*, Washington, D.C., Mar 31 - Apr 3, 2019, 1-5.
- [C-LR.11] Branham, S.M., *Bennett, C., & Brady, E. “Interdependence: Cross-ability, Non-hierarchical Care-ing.” *Workshop on Sociotechnical Systems of Care, ACM CSCW Conference on Computer Supported Cooperative Work (CSCW ’18)*, Jersey City, NJ, Nov 3-7, 2018, 1-5.
- [C-LR.10] *Abdolrahmani, A., *Mukkath Roy, A.R., Kuber, R., & Branham, S.M. “Blind People Are Power Users: An Argument for Centering Blind Users in Design of Voice Interfaces.” *Workshop on Accessible Voice, ACM CSCW Conference on Computer Supported Cooperative Work (CSCW ’18)*, Jersey City, NJ, Nov 3-7, 2018, 1-4.

- [C-LR.9] *Scheuerman, M., *Easley, W., *Abdolrahmani, A., Hurst, A., & Branham, S.M. "Learning the Language: The Importance of Studying Written Directions in Designing Navigational Technologies for the Blind." *In Extended Abstracts, ACM SIGCHI Conference on Human Factors in Computer Systems (CHI EA '17)*, Denver, CO, May 6-11, 2017, 2922-2928.
- [C-LR.8] *Abdolrahmani, A., *Easley, W., & Williams, M., **Ronquillo, E., Branham, S.M., Chen, T., Hurst, A. "Not All Errors are Created Equal: Factors that Impact Acceptance of an Indoor Navigation Aid for the Blind." *In Extended Abstracts, ACM SIGACCESS Conference on Computers & Accessibility (ASSETS EA '16)*, Reno, NV, Oct 24-26, 2016, 301-302.
- [C-LR.7] *Easley, W., Williams, M., *Abdolrahmani, A., **Galbraith, C., Branham, S.M., Hurst, A., & Kane, S. "Let's Get Lost: Exploring Social Norms in Predominately Blind Environments." *In Extended Abstracts, ACM SIGCHI Conference on Human Factors in Computing Systems (CHI EA '16)*, San Jose, CA, May 7-12, 2016, 2034-2040.
- [C-LR.6] Branham, S.M. & Carter, S. "Who makes, shares Internet how-to videos?" *Workshop on Social Mobile Video and Panoramic Video*, Stanford, CA, September 2012, 1-2.
- [C-LR.5] Branham, S.M. "Couplehood as culture: exploring intimate couples through a domestic media space." *Workshop on Connecting Families: New Technologies, Family Communication, and the Impact on Domestic Space (GROUP '10)*, Sanibel Island, FL, November 2010, 1-4.
- [C-LR.4] Branham, S.M. "Picturestorming: ideation via 'bits of life.'" *In Workshop on Artifacts in Design: Representation, Ideation, and Process (CHI '10)*, Atlanta, GA, June 2010, 1-4.
- [C-LR.3] Branham, S.M., Wahid, S., McCrickard, D.S., & Harrison, S. "A narrative on collaborative storyboarding." Poster Paper, *ACM Conference on Computer Supported Cooperative Work (CSCW '08)*, San Diego, CA, November 2008, 1-2.
- [C-LR.2] McCrickard, D.S., Harrison, S., Wahid, S., & Branham, S.M. "Putting creativity first--inspiring with image-based design rationale." *In Workshop on Creativity and Rationale in Software Design*, University Park, PA, June 2008, 1-7.
- [C-LR.1] Branham, S.M., Wahid, S., & McCrickard, D.S. "Channeling creativity: using storyboards and claims to encourage collaborative design." *In Workshop on Tools in Support of Creative Collaboration (C&C '07)*, Washington DC, June 2007, 1-5.

Book Chapters

- [BC.1] Branham, S.M. & Harrison, S. "Designing for collocated couples." *In: Neustaedter, C., Harrison, S., and Sellen, A., eds. Connecting families: the impact of new communication technologies on domestic life.* Springer, 2013, 15-36.

INVITED TALKS

- [IT.15] "Researching Accessible Tech with People with Disabilities." AccessComputing monthly remote roundtable, University of Washington. May 23, 2019.
- [IT.14] "Why AI Needs AI (Accessibility Intelligence)." Anthem Blitz Talk, University of California, Irvine. April 19, 2019.
- [IT.13] "Empowering Faculty as Mental Health Allies." Pitch to the Provost, Provost's Leadership Academy, University of California, Irvine. May 3, 2019.

- [IT.12] “Enhancing Faculty Access to Mental Health Resources.” Pitch to the Chancellor, Provost’s Leadership Academy, University of California, Irvine. April 9, 2019.
- [IT.11] “Marginalized People are “Expert” (not “Other”) in Design.” Design@Large, University of California, San Diego. January 30, 2019.
- [IT.10] “Elevating Marginalized People from ‘Other’ to ‘Expert’ in AI Design.” AI Seminar, University of Southern California. November 30, 2018.
- [IT.9] “From Independence to Interdependence: A social narrative of assistive technology.” DUB Seminar, University of Washington. December 7, 2017.
- [IT.8] “From Independence to Interdependence: A social narrative of assistive technology.” CS Grad Seminar, Virginia Tech. November 17, 2017.
- [IT.7] “From Independence to Interdependence: A social narrative of assistive technology.” HCIL Brown Bag Lunch, University of Maryland, College Park. September 14, 2017.
- [IT.6] “Response to Daniela Rosner’s ‘Critical Fabulations.’” HCIC, Watsonville, CA. June 28, 2017.
- [IT.5] “Technology and Relationships: How IT design can change society.” Towson University, Towson, MD. November 11, 2014.
- [IT.4] “Empathic Communication Technologies.” TEDxUMBC. Catonsville, MD. September 13, 2014.
- [IT.3] “Couplehood as culture: exploring intimate couples through a domestic media space.” Center for HCI at Virginia Tech, Blacksburg, VA. November 12, 2010.
- [IT.2] “Let’s go from the whiteboard.” FXPal internal talk. Palo Alto, CA. July 29, 2009.
- [IT.1] “Virginia Tech’s AWC: students helping students.” STARS Conference, Auburn, AL. August 11, 2008.

GUEST LECTURES

- [GL.9] “Hello, world! I’m Stacy: What being a woman in computing has taught me about building technology for good.” I-SURF. UCI, Irvine, CA. October 17, 2019.
- [GL.8] “Ethics, Design, and Technology: Don’t Forget People with Disabilities.” IN4MATX H81, “Ethics, Technology, and Design.” UCI, Irvine, CA. May 23, 2019.
- [GL.7] “Accessible Software Development.” MHCID. UCI, Irvine, CA. March 28, 2019.
- [GL.6] “Hello, world! I’m Stacy: What being a woman in computing has taught me about building technology for good.” ICS 90 taught by Rich Pattis. UCI, Irvine, CA. October 17, 2019.
- [GL.5] “Mediated Marginality: How IT marginalizes and empowers in interpersonal relationships.” MCS 101 (Section 2) taught by Kristen Anchor. UMBC, Baltimore, MD. March 29, 2017.
- [GL.4] “Mediated Marginality: How IT marginalizes and empowers in interpersonal relationships.” MCS 101 (Section 1) taught by Kristen Anchor. UMBC, Baltimore, MD. March 28, 2017.
- [GL.3] “Technology and Relationships: How IT design can change society.” HCC 629 taught by Ravi Kuber. UMBC, Baltimore, MD. December 1, 2014.
- [GL.2] “Technology and Relationships: How IT design can change society.” IS 803 taught by Anita Komlodi. UMBC, Baltimore, MD. October 17, 2014.
- [GL.1] “Design cultures in computer science.” Design Cultures taught by Matthew Wisnioski. Virginia Tech, Blacksburg, VA. March 13, 2012.

OTHER WRITING

- [O.1] Trewin, S., Basson, S., Muller, M., Branham, S., Treviranus, J., Gruen, D., Herbert, D., Lyckowski, N., Manser, E. "Considerations for AI Fairness for People with Disabilities." ACM SIGAI Newsletter - AI Matters volume 5, issue 3, September 2019, 40-63.

MEDIA COVERAGE

- [M.3] Freedberg, J. "Campus Skinny - 4.29.19 - Academic Dispatch." KUCI News. April 29, 2019. <https://soundcloud.com/kucinews/campus-skinny-42919-academic-dispatch>
- [M.2] Hamidi, F., Scheuerman, M., Branham, S.M. "Can Gender Be Computed?" Scientific American via The Conversation. May 15, 2018.
- [M.1] Branham, S.M. "You should talk about politics this Thanksgiving – here's why, and how." The Conversation. November 23, 2016.

PATENTS

- [P.1] Carter, S., Cooper, M.L., Adcock, J., **Branham, S.** Systems and methods for creating and using navigable spatial overviews for video. US Patent 9,892,761, 2018.

TEACHING EXPERIENCE

Courses Taught

University of California, Irvine

Wi 2019	Instructor (281)	IN4MATX 131	Introduction to Human-Computer Interaction
Fa 2018	Instructor (14)	IN4MATX 201	Research Methods for Informatics

University of Maryland, Baltimore County

Sp 2018	Instructor (23)	HCC 728	Online Communities
	Instructor (42)	IS 300	Management Information Systems
Fa 2017	Instructor (40)	COMP 101	Computational Thinking and Design
	Instructor (37)	COMP 101	Computational Thinking and Design
	Instructor (35)	COMP 101	Computational Thinking and Design
Sp 2017	Instructor (23)	HCC 629	Introduction to Human-Centered Computing
	Instructor (46)	IS 300	Management Information Systems
Fa 2016	Instructor (38)	COMP 101	Computational Thinking and Design
	Instructor (32)	COMP 101	Computational Thinking and Design
	Instructor (31)	COMP 101	Computational Thinking and Design
Sp 2016	<On Leave>		
Fa 2015	Instructor (39)	COMP 101	Computational Thinking and Design
	Instructor (37)	COMP 101	Computational Thinking and Design
	Instructor (33)	COMP 101	Computational Thinking and Design
Sp 2015	Instructor (29)	HCC 629	Introduction to Human-Centered Computing

Virginia Tech

Fa 2008	Graduate TA	CS 1705	Introduction to Object-Oriented Development
Sp 2008	Graduate TA	CS 1705	Introduction to Object-Oriented Development
Fa 2007	Graduate TA	CS 1705	Introduction to Object-Oriented Development
Fa 2006	Undergrad. TA	CS 1044	Introduction to Programming in C++
Fa 2005	Undergrad. TA	CS 1044	Introduction to Programming in C++

Student Supervision

PhD Dissertation Advising (Primary Advisor)

2019-	Emory Edwards (Chair)
2018-	Kevin Storer (Chair)
2017-	Ali Abdolrahmani (Co-Chair with Ravi Kuber, Information Systems at UMBC)

Master's Thesis Advising (Primary Advisor)

2018-19	Antony Rishin Mukkath Roy (Co-Chair with Ravi Kuber, Information Systems at UMBC)
2016-18	Morgan Scheuerman (Chair)

PhD Dissertation Advising (Committee Member)

2019-	Mark Baldwin (Proposal Defense)
2019-	Yenda Prado (Proposal Defense)
2019-	Leah Horgan (Advancement)
2018-	Yao Du (Advancement)
2018-	Ke Jing (Comprehensive Exam)

Graduate Research Advising

2019-	Maya Gupta
2019-	Jenaro Soto
2016-17	Caroline Brunschwylar

Undergraduate Research Advising

2019-	Sangyeong Lee (I-SURF)	2018	Robert Maldonado (ICS 90)
2019-	Dakyung Go (I-SURF, co-supervisor)	2018	Areba Hazari (ICS 90)
2019	Seunghyun Kim (I-SURF)	2018	Deone Peng (ICS 90)
2019-	Andrew Tumang	2017-19	Marc Lazanga
2019-	Mayra Cortez	2016, 17-19	Maya Gupta
2018-	Hipolito Ruiz	2017-19	Kyle Lee
2018-	Saadia Karim	2016, 17-18	Yasmin Majali
2018-	Ana Sathish	2017-18	Zoya Trendifilova
2018-	Alyssa Decampo	2017	Amanda Ali
2018-	Brigette Giles	2017	Sarah Alvarez
2018-	Samhitha Tarra (IN4MATX199)	2017	Emily Rivera
2018-	Kristen Can	2016-17	Ghayas Akbar
2018-	Jessica Salimbangon	2016-17	Liz Saloka (INDS thesis advisor)
2018	Charles Yan (ICS 90)	2016	Michelle Jung
2018	Tiffany (Yu-Wei) Tseng (ICS 90)	2016	Steven Herrera

2015-17 Erick Ronquillo
2015-16 Braxton Dubin

2015-16 Niara Comri

SERVICE

Professional Service

Conference Organizing Committee Member

2019 Co-Chair, Diversity and Accessibility, DIS / C&C (collocated)
2019 Chair, Accessibility, SIGCSE
2018 Co-Chair, Local Arrangements, SIGCSE
2017 Co-Chair, Student Research Competition, ASSETS

Conference Program Committee Member

2019 Associate Chair, Papers, ASSETS
2019 Associate Chair, Papers, DIS
2019 Associate Chair, Papers, CHI
2018 Associate Chair, Papers, ASSETS
2018 Associate Chair, Papers, CHI
2011/12 Associate Chair, Works-in-Progress, CHI

Invited Panelist

2019 Change Through Design, DIS
2019 Social Impact Panel, CHI

Conference Workshop Organizer

2019 AI Fairness for People with Disabilities, ASSETS
2018 Inclusive Educational Technologies: Emerging Opportunities for People with Visual Impairments, CHI
2016 Ethical Encounters in Human-Computer Interaction, CHI
2014 E Co-creating and Identity-Making in CSCW: Revisiting Ethics in Design Research, CSCW

Conference Panel Organizer

2011 Time strikes, we strike back: time management for female computer scientists, GHC

Journal Guest Editor

2015 Interacting with Computers, Special Issue on Ethics Matter(s) in Design Research

Journal Reviewer

2019 ACM Transactions on Accessible Computing (TACCESS)
2015 Interacting with Computers
2013 Transactions on Affective Computing

Book Reviewer

2018 Oxford University Press

Conference Reviewer

2010-19 CHI
2015-19 ASSETS
2014-19 CSCW (2014, 2016, 2018-19)
2012,16,19 DIS
2013,15 Mobile HCI
2015 GI
2013 RO-MAN

Proposal Reviewer

2018 NSF review panel member (Winter)
2018 NSF review panel member (Spring)

Scholarship Reviewer

2017 NCWIT Aspirations in Computing
2012-14 ACM Richard Tapia Conference Scholarship

Student Research Competition Judge

2019 ASSETS 2019

Educational Materials Contributor

2019 [HCI Guidelines for Gender Equity and Inclusivity](#), initiator and co-author
2012-13 Systems Blog

Departmental Service

2018- Member, Informatics Major Steering Committee
2018-19 Member, Informatics Graduate Admissions Committee
2018 Member, Curriculum Assessment Committee (UMBC)
2015-18 Member, Undergraduate Studies Committee (UMBC)
2015-18 Academic Advisor (~200 undergraduate students) (UMBC)
2016-17 Facilities Manager, Interactive Systems Research Center (UMBC)
2008-09 Webmaster, Association for Women in Computing (Virginia Tech)
2005-08 President, Association for Women in Computing (Virginia Tech)
2008 Member, Diversity Committee (Virginia Tech)

School/College Service

2019- Interim Co-Faculty Director, Masters in HCI Design (MHCID)
2018 Speaker, ICS Dean's Leadership Council Meeting
2016-18 Member, Center for Women in Technology Advisory Board (UMBC)
2017 Reviewer, Center for Women in Technology Scholars Selection Day (UMBC)

University Service

2019- Member, Physical Accessibility Committee
2019- Advisor, Through Inclusive Eyes (TIE) student organization
2018-19 Member, Provost's Leadership Academy (by nomination)
2018 Speaker, Interdisciplinary Faculty Social Hour (UMBC)
2018 Speaker, Grand Challenges Scholars Recruiting Event (UMBC)
2017-18 Member, Classrooms Committee (UMBC)

- 2016-18 Organizer, NCWIT Aspirations in Computing, Maryland Affiliate (UMBC)
- 2016-18 Member, Women's Center Advisory Board (UMBC)
- 2016-17 Speaker, Retriever Day, Summer Preview Day, Orientation, Just for Juniors (UMBC)
- 2016 Panelist, Training Session for Undergraduate Admissions (UMBC)

Community Service

- 2019- Member, Voting Accessibility Advisory Committee, Orange County Registrar of Voters
- 2014-15 Volunteer, Columbia Lighthouse for the Blind