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| CV | STACY M. BRANHAM | sbranham@uci.edu |
| stacybranham.com |

# EDUCATION

### 2014 Ph.D., Computer Science, VT (VT) – Blacksburg, VA

Center for Human Computer Interaction

*Title: Designing Technologies for Empathic Communication*

### 2007 B.S., Computer Science, minor in Mathematics, VT (VT) – Blacksburg, VA

# PROFESSIONAL EXPERIENCE

## Academic Appointments

2018- University of California, Irvine (UCI) - Irvine, CA

 Donald Bren School of Information and Computer Science (ICS)

Department of Informatics

 Department of Computer Science (since 2023)

 *2022- Associate Professor*

 *2018-22 Assistant Professor*

 *2019-20 Interim Co-Faculty Director, Masters in HCI Design (MHCID)*

2014-21 University of Maryland, Baltimore County (UMBC) - Baltimore, MD

 College of Engineering and Information Technology (CoEIT)
Department of Information Systems

 *2018-21 Adjunct Assistant Professor*

 *2015-18 Lecturer*

 *2014-15 Postdoctoral Researcher*

## Industrial Researcher Positions

2012 Fuji Xerox Palo Alto Laboratory (FXPal) - Palo Alto, CA
Research Intern

2010 Intel Labs - Portland, OR
Research Intern

2009 Fuji Xerox Palo Alto Laboratory (FXPal) - Palo Alto, CA
Research Intern

## Industrial Practitioner Positions

2008 Meridium, Inc. - Roanoke, VA
Usability Engineer

2007 Northrop Grumman - Chantilly, VA
Software Engineer

2006-07 IBM - Raleigh, NC
Software Developer

# GRANT FUNDING

## External (total: $25,003,003)

#### Awarded

2025-30 $242,027 (total: $5,618,463) NSF

 *BPC-AE: AccessComputing Fifth Extension*PI: Maya Cakmak, **Co-PI**s: Raja Kushalnagar, Stacy Branham, Elaine Short, Brianna Blaser

2023-27 $1,056,653 (total, $1,999,845), NSF

 *Collaborative Research: FW-HTF-RL: Building an Inclusive Future of Work: Accessible Collaboration for Visually Impaired Information Workers*UCI PI: Anne Marie Piper, **Co-PI**s: Erik Sudderth, Sharon Koppman, Stacy BranhamNorthwestern PI: Darren Gergle, Co-PI: Eleanor M O'Rourke

2024-26 $99,999 NSF

 *STEM-APWD Supplement to SHF: Medium: Automated Software Engineering Techniques for Improving the Accessibility of Software*PI: Sam Malek, **Co-PI**s: Iftekhar Ahmed, Stacy Branham

2022-26 $1,199,986, NSF

 *SHF: Medium: Automated Software Engineering Techniques for Improving the Accessibility of Software*PI: Sam Malek, **Co-PI**s: Iftekhar Ahmed, Stacy Branham

2021-26 ~$11,000,000 (CHF10,000,000), Jacobs Foundation
*CERES: Connecting the EdTech Research Ecosystem*PIs: Gillian Hayes, Candice Odgers, **Co-I**s: Stacy Branham, Stephen Schueller

2021-26 $549,858, NSF
*CAREER: Advancing Computing for Parents with Vision Impairments***PI**: Stacy Branham

2024 $80,000 NSF

 *REU Supplement to BPC-AE: AccessComputing Fourth Extension*PI: Maya Cakmak, **Co-PI**s: Raja Kushalnagar, Stacy Branham, Elaine Short, Brianna Blaser

2024 $5,000 University of Washington

 *Accessing STEM in Higher Education: UCI Visit Day***PI**: Stacy Branham

2021-24 $229,102 (total: $2,850,000) NSF

 *BPC-AE: AccessComputing Fourth Extension*PI: Richard Ladner, **Co-PI**s: Sheryl Burgstahler, Stacy Branham, Raja Kushalnagar, Elaine Short

 Collaborators: Vinh Luong, Isabela Figueira

2023 $2,250, Dayle McIntosh Center for the Disabled (in-kind donation)

 *Accessible Mobile Phones for Aging with Vision Loss***PI**: Stacy Branham

2020-22 $5,000, Teach Access
*Curriculum Development Award***PI**: Stacy Branham

2020-21 $50,000, Toyota Motor North America (TMNA) via UMBC subcontract
*University Mobility Challenge: Designing Wayfinding Technologies that Blind and Older Individuals Can Trust – COVID Extension*
**PI**: Stacy Branham

2019-21 $241,706 ($511,636 total), Toyota Motor North America (TMNA)
*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: CHS: Making Universally Usable Technologies to Enhance Parent-Child Co-Reading and Early Literacy Skills at Home*

**PI**: Stacy Branham

2020 ~$14,000, AIRA Tech Corp (in-kind donation)
*100 Samsung J7 phones*
**PI**: Stacy Branham

2018-19 $84,540, Maryland Industrial Partnerships (MIPS) and TRX Systems, Inc.
*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: Flexible UI Instrumentation for Ubiquitous and Immersive Computing Environments*
PI: Wayne Lutters; co-PIs: 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)
*Hardware Design and Field Evaluation of an Ultra-Mobile Navigation Aid for Blind People*
PI: Amy Hurst; **Co-PI**: Stacy Branham

## Internal (total: $210,769)

2024-25 $75,000, School of Information and Computer Sciences Research Awards Program
*Accessing STEM in Higher Education*
**PI**: Stacy Branham

 Co-PIs: Joshua Garcia, Mohammad Moshirpour, Jennifer Wong-Ma, Veronica Berrocal

2024 $3,883, Academic Senate Council on Research, Computing and Libraries (CORCL)
*Accessing STEM When Transitioning from High School to College as a BLV Student*
**PI**: Stacy Branham

 Collaborators: Isabela Figueira

2024 $1,000, Office of Inclusive Excellence
*Accessing STEM in Higher Education: UCI Visit Day*
**PI**: Stacy Branham

 Collaborators: Vinh Luong, Isabela Figueira

2024 $1,000, Department of Informatics
*Accessing STEM in Higher Education: UCI Visit Day*
**PI**: Stacy Branham

 Collaborators: Vinh Luong, Isabela Figueira

2023-24 $25,000, Confronting Extremism through Community, Thriving and Wellness
*The Inclusive Course Design Institute*
PI: David Trend

 Co-PIs: Megan Linos, Meredith Ehrenberg

 **Additional Members**: Andrew Berk, Stacy Branham

2020-21 $75,000, School of Information and Computer Sciences Research Awards Program
*Toward Stemming Accessibility Issues in Software*
**PI**: Sam Malek; Co-PIs: Iftekhar Ahmed, Stacy Branham

2016-17 $29,886, UMBC CoEIT Strategic Plan Implementation Grant Program
*Revitalizing the CoEIT User Studies Lab*
PI: Wayne Lutters; **Co-PI**s: Stacy Branham, Amy Hurst, Andrea Kleinsmith, Anita Komlodi, Ravi Kuber, Helena Mentis

# AWARDS AND HONORS

### 2025 Alumni Impact Award *Center for Human-Computer Interaction, VT*

### 2025 Best Paper Honorable Mention [C.34]*Conference on Research on Equitable and Sustained Participation in Engineering, Computing, and Technology (RESPECT)*

### 2025 Faculty Service Award *Donald Bren School of Information and Computer Sciences, UCI*

### 2025 Best Paper Honorable Mention [C.32]*Conference on Computing and Accessibility (ASSETS)*

### 2025 20 Irvine Game Changers*Irvine Standard Newspaper*

### 2025 CRA Leadership Academy Member *Computing Research Association*

### 2024-25 Faculty Fellow for Digital Learning Excellence, $4,000*Division of Teaching Excellence and Innovation, UCI*

### 2024 Best Paper Award Nominee [C.31]*Conference on Computing and Accessibility (ASSETS)*

### 2024 Learning Experience Design and Online Teaching Award, $2,000*Office of the Vice Provost for Teaching and Learning, UCI*

### 2024 Best Paper Award Honorable Mention [C.29]*Conference on Designing Interactive Systems (DIS)*

### 2024 Distinguished Paper Award [C.26]*Conference on Cooperative and Human Aspects on Software Engineering (****CHASE****)*

### 2023-24 Faculty Fellow for Digital Learning Excellence, $4,000*Division of Teaching Excellence and Innovation, UCI*

### 2023 Applause Award*Women in Technology, UCI*

### 2022 Distinguished Early Career Alumnus Award *Department of Computer Science, VT*

### 2022 Digital Accessibility Innovator Teaching Award, $2,000*Office of the Vice Provost for Teaching and Learning, UCI*

### 2021 Named one of *Popular Science’s* “Brilliant 10” innovators in science and engineering

### 2021 NSF CAREER Award

### 2019 Best Paper Award Honorable Mention [C.16]*Conference on Designing Interactive Systems (****DIS****)*

### 2018-19 Provost’s Leadership Academy Member

### 2018 Recognition of Contribution to Diversity and Inclusion [J.5]*Conference on 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 *National Resource Center for the First-Year Experience and Students in Transition*

### 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 Systers 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, VT*

### 2005/06 CAMEO Scholarship, $1,500 / year

# PUBLICATIONS[[1]](#footnote-2)

## Journal Articles

#### In Submission

### [J.##] \*Yin, A., \*\*Phan, K., Gilbert, M., Branham, S.M. “‘Welcome to My World’: Understanding Screen Reader Users’ Experiences with Image Accessibility in Academic Publications.” *In submission.*

### [J.##] \*Figueira, I., \*\*Sanka, W., \*\*Phan, K., \*Cha, Y., Branham, S.M. “The Intersecting Liminality of Adopting Technology as a Disabled Person.” *In submission.*

#### Published

### [J. 8] \*\*Zhou, Q., \*\*Samarasena, N., §Han, K., §López, N., Branham, S.M. “Which AI Models Create Accurate Alt Text for Picture Books?” *Journal on Technology & Persons with Disabilities. Presented in the Journal Track of 39th Annual Assistive Technology Conference (****CSUN ’24****)*, Anaheim, CA, March 18-22, 228-245.

### [J.7] \*Emory J. Edwards, Michael Gilbert, Emily Blank, and Stacy M. Branham. 2023. “How the Alt Text Gets Made: What Roles and Processes of Alt Text Creation Can Teach Us About Inclusive Imagery.” *Transactions on Accessible Computing (****TACCESS****)*. 16 (2). Article 18. pp 1–28.

### [J.6] \*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****). January 2020, Article 18, 35 pages.*

### [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

#### In Preparation

### [C.##] \*Figueira, I., \*Cisneros, J., \*Webber, J., \*\*Sanka, W., \*\*Phan, K., Wong-Ma, J., Branham, S.M. “AccessEdBot: Preparing Blind Students for College-Level Math.” *In preparation.*

### [C.##] \*Cassidy, C.T., \*\*Zhou, Q., \*Yin, A., Branham, S.M. “ReadWithUs: A Voice Assistant to Support Blind Parent-Child Reading.” *In preparation.*

#### In Submission

### [C.##] \*Cha, Y., \*Jackson, V., Branham, S.M, van der Hoek. “‘Game Changer’ or ‘Overconfident Drunk Acquaintance’? Generative AI Use by Blind and Low Vision Software Professionals in the Workplace.” *In submission.*

### [C.##] \*Leachman, M.A., \*Cisneros, J., \*Figueira, I., \*Cassidy, C., Peña, E.D., Branham, S.M. “Not on the Same Page: Early Literacy Apps are Not Accessible for Blind Readers.” *In submission.*

#### In Press

### [C.35] \*Figueira, I., \*Cisneros, J., \*Webber, J., \*\*Sanka, W., \*\*Phan, K., Wong-Ma, J., Branham, S.M. “Where are the Disabled Students?: A Literature Review of Disability Inclusion in Computing Education Research.” *In Proceedings of the 59th ACM Technical Symposium on Computer Science Education (****SIGCSE ’26****)*. *To Appear*

#### Published

### [C.34] \*Figueira, I., Cisneros, J., Lindo, J., Luong, V., Branham, S.M. “Inspiring Blind and Low Vision High School Students and their Teachers to Access STEM in College.” *In Proceedings of the Conference for Research on Equitable and Sustained Participation in Engineering, Computing, and Technology (****RESPECT 2025****)*, Newark, NJ, USA, July 14-16, 2025, 106–114. (acceptance rate: 52%, **Best Paper Award Honorable Mention**)

### [C.33] Kohl, K., \*Cha, Y., \*Jackson, V., Branham, S.M, van der Hoek, A., Prikladnicki, R. “Creative Problem-Solving: A Study with Blind and Low Vision Software Professionals.” *In Proceedings of the International Conference on Cooperative and Human Aspects on Software Engineering (****CHASE 2025****)*, Ottawa, ON, Canada, 2025, pp. 51-56. (acceptance rate: 35%)

### [C.32] \*Cha, Y., \*Jackson, V., Kohl, K., Prikladnicki, R., van der Hoek, A., Branham, S.M. “The Dilemma of Building Do-It-Yourself (DIY) Solutions for Workplace Accessibility.” *In Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (****CHI ’25****)*, Yokohama, Japan, April 26-May 1, 2025, Article 47, 1-17. (acceptance rate: 25%, **Best Paper Award Honorable Mention** - top 4%)

### [C.31] \*Figueira, I., \*Cha, Y., Branham, S.M. “Intersecting Liminality: Acquiring a Smartphone as a Blind or Low Vision Older Adult.” *In Proceedings of the ACM SIGACCESS Conference on Computers & Accessibility (****ASSETS ’24****)*, New York, NY, October 28-30, 1-14. (acceptance rate: 30%, **Best Paper Award Nominee** – top 2%)

### [C.30] \*Cassidy, C.T., Branham, S.M. “Dude, Where's My Luggage? An Autoethnographic Account of Airport Navigation by a Traveler with Residual Vision.” *In Proceedings of the ACM SIGACCESS Conference on Computers & Accessibility (****ASSETS ’24****)*, New York, NY, October 28-30, 1-13. (acceptance rate: 30%)

### [C.29] \*Yin, A., \*\*Sogani, R., \*Oewel, B., \*\*Phan, K., \*\*Park. J.S.Y., \*\*Yeo, M.A., Yazzolino, L.A., Arcos, K., Abdolrahmani, A., Blank, E., Gilbert, M.D., Branham, S.M. “‘Malicious Pictorials:’ How Alt Text Matters to Screen Reader Users’ Experience of Image-Dense Media.” *In Proceedings of the Conference on Designing Interactive Systems (****DIS ’24****)*, Copenhagen, DK, July 1-5, 2024. (acceptance rate: 23%, **Best Paper Award Honorable Mention** - top 2%)

### [C.28] \*Cassidy, C., \*Figueira, I., \*Park, S., \*Kim, J.S., \*Edwards, E.J., Branham, S.M. “Cuddling Up With a Print-Braille Book: How Intimacy and Access Shape Parents’ Reading Practices with Children.” *In Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (****CHI ’24****)*, May 11-16, 2024, Honolulu, HI, Article 125, 1–15. (acceptance rate: 26%)

### [C.27] \*Cha, Y., \*Figueira, I., \*Ayala, J., \*Edwards, E.J., Garcia, J., van der Hoek, Branham, S.M. “‘Do You Want Me to Participate or Not?’: Investigating the Accessibility of Software Development Meetings for Blind and Low Vision Professionals.” *In Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (****CHI ’24****)*, May 11-16, 2024, Honolulu, HI, Article 933, 1–17. (acceptance rate: 26%)

### [C.26] \*Cha, Y., \*Jackson, V., \*Figueira, I., Branham, S., van der Hoek, A. “Understanding the Career Mobility of Blind and Low Vision Software Professionals.” *In Proceedings of the International Conference on Cooperative and Human Aspects on Software Engineering (****CHASE ’24****)*, Lisbon, Portugal. April 14-15, 2024. (acceptance rate: 45%, **Distinguished Paper Award** - top 4%)

### [C.25] †Akter, T., \*Cha, Y., \*Figueira, I., Branham, S.M., Piper, A.M. “‘If I’m supposed to be the facilitator, I should be the host’: Understanding the Accessibility of Videoconferencing for Blind and Low Vision Meeting Facilitators.” *In Proceedings of the ACM SIGACCESS Conference on Computers & Accessibility (****ASSETS ’23****)*, New York, NY, October 22-25, 1-14. (acceptance rate: 30%)

### [C.24] \*Edwards, E.J., \*Polster, K.L., \*\*Tuason, I., Gilbert, M., Blank, E., Branham, S.M. “‘That’s in the eye of the beholder’: Layers of Interpretation in Image Descriptions for Fictional Representations of People with Disabilities*.” In Proceedings of the ACM SIGACCESS Conference on Computers & Accessibility (****ASSETS ’21****)*, Online Virtual Conference, October 18-22, 2021, 1-14. (acceptance rate: 29%)

### [C.23] \*Storer, K., Branham, S.M. “Deinstitutionalizing Independence: Discourses of Disability and Housing in Accessible Computing.” *In Proceedings of the ACM SIGACCESS Conference on Computers & Accessibility (****ASSETS ’21****)*, Online Virtual Conference, October 18-22, 2021, 1-14. (acceptance rate: 29%)

### [C.22] \*Abdolrahmani, A., \*Gupta, M.H., \*\*Vader, M.-L., Kuber, R., Branham, S.M. “Towards More Transactional Voice Assistants: Investigating the Potential for a Multimodal Voice-Activated Indoor Navigation Assistant for Blind and Sighted Travelers.” *In Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (****CHI ’21****)*, Online Virtual Conference (originally Yokohama, Japan), May 8-13, 2021, 1-16. (acceptance rate: 26%)

### [C.21] \*Salehnamadi, N., \*Alshayban, A., \*Lin, J.-W., Ahmed, I., Branham, S.M., Malek, S. “Latte: Use-Case and Assistive-Service Driven Automated Accessibility Testing Framework for Android.” *In Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (****CHI ’21****)*, Online Virtual Conference (originally Yokohama, Japan), May 8-13, 2021, 1-11. (acceptance rate: 26%)

### [C.20] \*Xu, Y., Branham, S.M., \*\*Deng, X., Collins, P., Warschauer, M. “Are Current Voice Interfaces Designed to Support Children's Language Development?” *In Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (****CHI ’21****)*, Online Virtual Conference (originally Yokohama, Japan), May 8-13, 2021, 1-12. (acceptance rate: 26%)

### [C.19] \*Storer, K., Judge, T.K., Branham, S.M. “‘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****)*, Online Virtual Conference (originally Honolulu, HI), April 25-30, 2020, 1-14. (acceptance rate: 24%)

### [C.18] \*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****)*, Online Virtual Conference (originally Honolulu, HI), April 25-30, 2020, 1-13. (acceptance rate: 24%)

### [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, 446-458. (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-Kurdziolek 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****)*, Montéal, 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 Poster & Workshop Papers (Lightly-Reviewed)

#### Published / Accepted

### [C-LR.19] \*Figueira, I., \*Cisneros, J.M., \*Leachman, M., Peña, E.P., Branham, S.M. “Informing Accessible Design of AI Literacy Apps through Practices of Blind Parents Reading with Sighted Children.” *In Proceedings of the ACM SIGACCESS Conference on Computers & Accessibility (****ASSETS ’24****)*, New York, NY, October 28-30, 1-7.

### [C-LR.18] Aragon, C., Callens. M.V., Branham, S.M., Anita, C., Blaser, B., Bilen-Green, C. “Expanding Accessibility in Immersive Virtual Spaces: A Comprehensive Approach for All Disabilities.” *Workshop on Novel Approaches for Understanding and Mitigating Emerging New Harms in Immersive and Embodied Virtual Spaces, ACM Conference on ACM SIGCHI Conference on Human Factors in Computing Systems (****CHI ’24****)*, May 11-16, 2024, Honolulu, HI, 1-3.

### [C-LR.17] \*Park, S., \*Cassidy, C. Branham, S.M. “‘It's All About the Pictures:’ Understanding How Parents/Guardians With Visual Impairments Co-Read With Their Child(ren).” *In Proceedings of the ACM SIGACCESS Conference on Computers & Accessibility (****ASSETS ’23****)*. New York, NY, October 22-25.

### [C-LR.16] \*Cassidy, C., \*Park, S., Branham, S.M. 2023. Alexa, Siri, and Cortana Walk into a Library: The Potential of Voice Assistants in Creating Accessible Co-Reading Experiences. *Workshop on Conversational User Interfaces (CUI), ACM SIGCHI Conference on Human Factors in Computing Systems (****CHI ’23****)*, Hamburg, Germany, April 23-28, 1-4.

### [C-LR.15] \*Figueira, I., \*Cha, Y., \*Zhu, J., Branham, S.M. 2023. Smartphone Stories: Experiences of Blind and Low Vision Older Adults in Acquiring a Smartphone. *In Companion Publication of the 2023 ACM Designing Interactive Systems Conference (****DIS Companion '23****).* Association for Computing Machinery, New York, NY, USA, 156–159.

### [C-LR.14] \*Edwards, E.J., \*Sum, C.M., Branham, S.M. “Three Tensions Between Personas and Complex Disability Identities.” *In Extended Abstracts, ACM SIGCHI Conference on Human Factors in Computer Systems (****CHI EA ’20****)*, Honolulu, HI, April 25-30, 2020.

### [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 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 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 Proceedings of the 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." *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.2] Hamidi, F., \*Scheuerman, M., Branham, S.M., (2023). “Gender is Personal––Not Computational.” In Gill-Peterson, J. (Ed.). The Conversation on Gender Diversity. (pp. 215-220). JHU Press.

### [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.

# OTHER WRITING

### [O.8] Branham, S. “Won’t You Be My Neighbor?” UC Irvine Magazine. Spring 2025. https://magazine.news.uci.edu/winter-2025/reflections-wont-you-be-my-neighbor

### [O.7] Branham, S., Wahid, S. “It’s Time to Make Software Accessible: Here’s how, from OS to organization.” ACM Queue. 22 (5). September / October 2024.

### [O.6] Branham, S., Wahid, S., Byrne-Haber. S., Mazrui, J., Muncharaz, C., Myhill, C. “The State of Digital Accessibility: A dialogue with the experts.” ACM Queue. 22 (5). September / October 2024.

### [O.5] Branham, S. “How to Conduct Online Research With People With Disabilities.” SAGE Research Methods: Doing Research Online, July 2022.

### [O.4] Prietch, S., Branham, S. “Toward a more accessible ACM SIGCHI community.” Interactions 28, 3, May - June 2021, 78.

### [O.3] Prietch, S., Branham, S.M. “Enhancing Accessibility in the ACM SIGCHI Research Community.” AccessComputing Newsletter. December 2020.

### [O.2] 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.

### [O.1] Scheuerman, M.K., Spiel, K., Haimson, O.L., Hamidi, O., Branham, S.M. “HCI Guidelines for Gender Equity and Inclusivity.” <http://hdl.handle.net/11603/19983>

# INVITED KEYNOTES, PRESENTATIONS, & PANELS

### [IT Invited speaker. “NCWIT Meeting of the Minds with AccessComputing.” In collaboration with Brianna Blaser, Elaine Short, and Raja Kushalnagar. **National Center for Women in Technology (NCWIT)**. Online virtual event. June 13, 2025.

### [IT.31] Invited panelist. “Navigating Microagressions & Finding Your Voice.” In collaboration with Hakim Weatherspoon, Ather Sharif, and Curtis Cain. **Computing Research Association (CRA)** Grad Cohort Workshop. Denver, CO. April 4, 2025.

### [IT.31] Invited panelist. “Strategies for Human-Human Interaction.” In collaboration with Kathryn McKinley, Ronald Metoyer, and Taghrid Samak**. Computing Research Association (CRA)** Grad Cohort Workshop. Denver, CO. April 3, 2025.

### [IT.30] Invited panelist. “ICS Faculty Panel.” **ICS Student Council (ICSSC).** UCI, Irvine, CA. January 22, 2025.

### [IT.29] Invited panelist. “Advocating for Disability Equity on Campus: Faculty, Staff, and Student Perspectives.” AccessComputing Webinar. **University of Washington**. Online virtual event. May 31, 2024.

### [IT.28] Invited speaker. “Accessible Computing for Students with Disabilities.” Partner Feature, **Computer Science for California (CS4CA)** March Coalition Call. Online virtual event. March 6, 2024.

### [IT.27] Invited speaker. “What’s a DCC, and Why Might Your University Need One?” AccessComputing Partner Meeting, **University of Washington**. Online virtual event. February 23, 2024.

### [IT.26] Invited speaker. “20% of Your Students Have Disabilities; here’s how to make your course accessible to them.” AccessComputing Webinar, **University of Washington**. Online virtual event. February 9, 2024.

### [IT.25] Invited panelist. “Inclusive Teaching.” **Inclusive Teaching Institute (ITI)**, Division of Teaching Excellence and Innovation (DTEI). UCI, Irvine. CA. January 24, 2024.

### [IT.24] Invited speaker. “10% of Youth Are Disabled; Do you know how to include them?” **Connected Learning Summit (CLS)**. Irvine. CA. Online virtual event. October 28, 2023.

### [IT.23] Invited speaker. “20% of Your Students Have Disabilities; here’s how to make your course accessible to them.” School of Data Science Faculty Meeting, **University of Virginia**. Online virtual event. October 18, 2023.

### [IT.22] Invited panelist. “Access Issues for Faculty with Disabilities.” **AccessADVANCE and DO-IT at the University of Washington**. Online virtual event. April 4, 2023.

### [IT.21] Invited speaker, with co-presenter Ann Gates. “Presentation and Other Verbal Communication Skills.” **CRA-WP Inclusion, Diversity, Equity, Accessibility, and Leadership Skills (IDEALS)**. Honolulu, HI. March 24, 2023.

### [IT.20] Invited panelist. “Seeing Ability: Research and Development for Making Tech More Accessible.” **EPIC Conference**. Online virtual event. January 26, 2023.

### [IT.19] Invited speaker. “Marginalized People are “Expert" (not “Other") in AI Design.” **CPP Google exploreCSR at Cal Poly Pomona**. Pomona, CA. November 19, 2022.

### [IT.18] Keynote speaker. “How People with Disability Elevate Computing.” **Inclusive Coding Festival**. Newport Beach, CA. October 22, 2022.

### [IT.17] Keynote speaker. “Hello, World, I Have a Disability!” **CMD-IT / ACM Richard Tapia Celebration of Diversity in Computing Conference**. Washington, D.C. September 7-10, 2022.

### [IT.16] Invited speaker, with co-presenter Daniela Rosner. “Provocations and Next Steps.” **HCIC**, Watsonville, CA. Online Virtual event. June 24, 2021.

### [IT.15] Invited speaker. “Five Myths About Designing Accessible Technology.” UCI@Google Speaker Series. **Google**, Irvine, CA. February 24, 2020.

### [IT.14] Invited panelist. “Designing Change and Changing Design.” **ACM DIS Conference**. San Diego, CA, USA. June 28, 2019.

### [IT.13] Invited speaker. “Researching Accessible Tech with People with Disabilities.” AccessComputing monthly remote roundtable, **University of Washington**. May 23, 2019.

### [IT.12] Invited panelist. “Social Impact Panel.” **ACM CHI Conference**. Glasgow, Scotland, UK. May 8, 2019.

### [IT.11] Invited speaker. “Marginalized People are “Expert" (not “Other") in Design.” Design@Large, **University of California, San Diego**. January 30, 2019.

### [IT.10] Invited speaker. “Elevating Marginalized People from ‘Other’ to ‘Expert’ in AI Design.” AI Seminar, **University of Southern California**. November 30, 2018.

### [IT.9] Invited speaker. “From Independence to Interdependence: A social narrative of assistive technology.” DUB Seminar, **University of Washington**. December 7, 2017.

### [IT.8] Invited speaker. “From Independence to Interdependence: A social narrative of assistive technology.” CS Grad Seminar, **VT**. November 17, 2017.

### [IT.7] Invited speaker. “From Independence to Interdependence: A social narrative of assistive technology.” HCIL Brown Bag Lunch, **University of Maryland, College Park**. September 14, 2017.

### [IT.6] Invited speaker. “Response to Daniela Rosner’s ‘Critical Fabulations.’” **HCIC**, Watsonville, CA. June 28, 2017.

### [IT.5] Invited speaker. “Technology and Relationships: How IT design can change society.” **Towson University**, Towson, MD. November 11, 2014.

### [IT.4] Invited speaker. “Empathic Communication Technologies.” **TEDxUMBC**. Catonsville, MD. September 13, 2014.

### [IT.3] Invited speaker. “Couplehood as culture: exploring intimate couples through a domestic media space.” Center for HCI at **VT**, Blacksburg, VA. November 12, 2010.

### [IT.2] Invited speaker. “Let’s go from the whiteboard.” **FXPal** internal talk. Palo Alto, CA. July 29, 2009.

### [IT.1] Invited speaker. “VT’s AWC: students helping students.” **STARS Conference**, Auburn, AL. August 11, 2008.

# OTHER TALKS

### [OT.4] “Three Tips for Socially Inclusive Design.” Anthem Retreat, University of California, Irvine. January 8, 2020.

### [OT.3] “Why AI Needs AI (Accessibility Intelligence).” Anthem Blitz Talk, University of California, Irvine. April 19, 2019.

### [OT.2] “Empowering Faculty as Mental Health Allies.” Pitch to the Provost, Provost’s Leadership Academy, University of California, Irvine. May 3, 2019.

### [OT.1] “Enhancing Faculty Access to Mental Health Resources.” Pitch to the Chancellor, Provost’s Leadership Academy, University of California, Irvine. April 9, 2019.

# MEDIA COVERAGE & SCIENCE COMMUNICATION

### [M.22] “20 Irvine Game Changers.” Irvine Standard. April 2, 2025. https://www.irvinestandard.com/2025/20-irvine-game-changers/

### [M.21] “Accessing STEM in Higher Education.” ICS 2024 Year in Review. February 15, 2025. Pages 10-11. https://ics.uci.edu/flipbook/annual-report-2024

### [M.20] “Celebration of Teaching.” ICS 2024 Year in Review. February 15, 2025. Page 16. https://ics.uci.edu/flipbook/annual-report-2024

### [M.19] Schou, N. “Accessibility Advocate.” UCI News. September 6, 2024. https://news.uci.edu/2024/09/06/accessibility-advocate/

### [M.18] Jajczay, L. “Accessibility and Phones ft. Stacy Branham.” Friends with Wheels Podcast. July 22, 2024. https://podcasts.apple.com/us/podcast/accessibility-and-phones-ft-stacy-branham/id1623717823?i=1000663031981

### [M.17] Murray, S. “Accessing STEM in Higher Education.” UCI ICS Blog. July 16, 2024. https://ics.uci.edu/2024/07/16/accessing-stem-in-higher-education/

### [M.16] Murray, S. “Yes, People Who Are Blind Can Be Software Engineers.” UCI ICS Blog, featured by UCI News. July 17, 2023. https://www.informatics.uci.edu/2023/07/

### [M.15] Murray, S. “Informatics Course Includes Webinar on Integrating Accessibility Into a Computing Career.” UCI ICS Blog. February 15, 2023. https://www.informatics.uci.edu/informatics-course-includes-webinar-on-integrating-accessibility-into-a-computing-career/

### [M.14] Murray, S. “Stacy Branham Breaks Down Barriers with ‘Hello World! I Have a Disability’ Keynote.” October 6, 2022. https://www.ics.uci.edu/community/news/view\_news?id=2218

### [M.13] Murray, S. “Informatics Researchers Receive $1.2M to Improve Software Accessibility Testing Tools.” UCI ICS Blog. September 26, 2022. https://www.informatics.uci.edu/informatics-researchers-receive-1-2m-to-improve-software-accessibility-testing-tools/

### [M.12] Khatchatryan, A. “Person of Interest: Tech for All with Stacy Branham.” Orange Coast Magazine. December 30, 2021. https://orangecoast.com/magazine/person-of-interest-tech-for-all-with-stacy-branham

### [M.11] Murray, S. “Ph.D. Candidate Emory Edwards Receives Public Impact Distinguished Fellowship.” UCI ICS Blog. November 9, 2021. https://www.informatics.uci.edu/ph-d-candidate-emory-edwards-receives-public-impact-distinguished-fellowship/

### [M.10] Murray, S. “Child-Centered Technology at Heart of $11 Million Award from the Jacobs Foundation.” UCI ICS Blog. September 30, 2021. https://www.ics.uci.edu/community/news/view\_news?id=2046

### [M.9] Gourgey, B. “The Brilliant 10: The Most Innovative Up-and-coming Minds in Science.” **Popular Science**. September 20, 2021. https://www.popsci.com/science/brilliant-scientists-2021/

### [M.8] Blank, E., Gilbert, M., Branham, S.M., Edwards, E. “Adjusting the Focus: How inclusive imagery changes a product from being made for some, to being made for all.” **Google Material.io Blog**. September 16, 2021. https://material.io/blog/inclusive-imagery-at-google

### [M.7] Murray, S. “Expanding Technology Access to Support People with Visual Disabilities During the Pandemic.” UCI ICS Blog. December 15, 2020. https://www.ics.uci.edu/community/news/view\_news?id=1894

### [M.6] Murray, S. “Undergraduate Informatics Course Offers Real-World Lessons on Inclusive Human-Centered Design.” UCI ICS Blog. April 27, 2020. https://www.ics.uci.edu/community/news/view\_news?id=1755

### [M.5] Murray, S. “Advancing Accessible Technologies for All.” UCI ICS Blog. October 28, 2019. https://www.ics.uci.edu/community/news/view\_news?id=1645

### [M.4] Freedberg, J. “Campus Skinny - 4.29.19 - Academic Dispatch.” KUCI News. April 29, 2019. https://soundcloud.com/kucinews/campus-skinny-42919-academic-dispatch

### [M.3] Murray, S., “Trio of ICS Professors Preview Tech Trends for 2019.” UCI ICS Blog. January 29, 2019. https://www.ics.uci.edu/community/news/view\_news?id=1479

### [M.2] Hamidi, F., Scheuerman, M., Branham, S.M. “Can Gender Be Computed?” **NPR and 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.” **TIME and Business Insider** (now Insider) via The Conversation. November 23, 2016.

# PATENTS

### [P.2] Carter, S., Cooper, M.L., Adcock, J., **Branham, S**. Systems and methods for creating and using navigable spatial overviews for video through video segmentation based on time metadata and camera orientation metadata. US Patent 10,629,243, 2020.

### [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

Fa 2024 Instructor (12) IN4MATX 201 Research Methods for Informatics

 Instructor (14) IN4MATX 231 User Interface Design

Sp 2024 Instructor (108) IN4MATX 132 Projects in Human Computer Interaction and Evaluation

 Instructor (50) IN4MATX 163 Projects in Social Implications of Computing

Wi 2024 Instructor (297) IN4MATX 131 Human Computer Interaction

Fa 2023 Instructor (31) IN4MATX 280 Overview of Human-Computer Interaction and Design

 Instructor (13) IN4MATX 201 Research Methodology for Informatics

Sp 2023 Instructor (277) IN4MATX 131 Human Computer Interaction

 Instructor (108) IN4MATX 132 Projects in Human Computer Interaction and Evaluation

Fa 2022 Instructor (298) IN4MATX 131 Human Computer Interaction

 Instructor (19) IN4MATX 201 Research Methodology for Informatics

 Instructor (13) UNI STU 3 Blind Phone Hacks

Sp 2022 <On Leave>

Wi 2022 <On Leave>

Fa 2021 <On Leave>

Sp 2021 <Course Buyout>

Wi 2021 Instructor (80) IN4MATX 132 Projects in Human-Computer Interaction

Fa 2020 Co-Instructor (41) IN4MATX 280 Overview of Human-Computer Interaction and Design

Sp 2020 Co-Instructor (14) IN4MATX 299 Moving Human Subjects Research Online

Wi 2020 Instructor (298) IN4MATX 131 Introduction to Human-Computer Interaction

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)

2024- Josahandi Sherman (Chair)

2024- Alyson Yin (Chair)

2023- Isabela Figueira (Chair)

2023- Yoonha Cha (Chair)

2021- Cameron Cassidy (Chair)

2019-23 Emory Edwards (Chair)

2018-22 Kevin Storer (Chair), Developer Experience Researcher, Google

2017-21 Ali Abdolrahmani (Co-Chair), Education Program Specialist, MD State Department of Education

#### Master’s Thesis Advising (Primary Advisor)

2024- Monica Zhou (Chair)

2022-24 Alyson Yin (Chair)

2022-23 Jin Seo Kim (Chair)

2021-23 Kelly Dickenson (Chair)

2019-22 Maya Gupta (Chair), UX Researcher, Atlassian

2018-19 Antony Rishin Mukkath Roy (Co-Chair), Principal UX Designer, Walmart

2016-18 Morgan Scheuerman (Chair), doctoral student at University of Colorado, Boulder

#### Master’s Advising (Non-Thesis, Primary Advisor)

2020-22 Ethan Vu

2020-22 Mayra Cortez

#### PhD Dissertation Advising (Committee Member)

2024- Kirk Crawford (UMBC)

2023- Shenshen Han (UCI)

2023- Christie Abel (UCI - Comprehensive Exam, Proposal)

2023- Sunday Ubur (VT)

2021-23 Zeynep Yildiz (Koç University - Qualification Exam, Final Defense)

2022 Emani Dotch (UCI - Comprehensive Exam, Proposal)

2022 Mitra Behzadi (UCI - Advancement)

2021-23 Brittany Lewis (University of Rhode Island - Proposal, Final Defense)

2021 Adriana Meza Soraia (UCI - Advancement)

2021 Cara Wilson (QUT - Final Defense)

2020 Maria Anderson (UCI - Comprehensive Exam)

2020-23 Navid Salehnamadi (UCI - Advancement)

2020 Abdulaziz Alshayban (UCI - Advancement)

2019-23 Jazette Johnson (UCI - Comprehensive Exam, Advancement, Proposal Defense)

2019-22 Yenda Prado (UCI - Proposal Defense)

2019-21 Ying Xu (UCI - Final Defense)

2019 Phoebe Chua (UCI - Advancement)

2019-21 Krithika Jagannath (UCI - Advancement, Proposal Defense)

2019-21 Mark Baldwin (UCI - Proposal Defense, Final Defense)

2019 Leah Horgan (UCI - Advancement)

2019-20 Sarah Ng (UCI - Comprehensive Exam)

2018-20 Yao Du (UCI - Advancement, Proposal Defense, Final Defense)

2018-19 Ke Jing (UCI - Comprehensive Exam)

#### Master’s Advising (Committee Member)

2023 Xinru Tang (UCI)

2023 Stella Lau (UCI)

2021 Anirudh Nagraj (UMBC)

#### Graduate Research Advising

2024 Yifan Li

2020-21 Kyle Polster

2019-21 Cella Sum

2016-17 Caroline Brunschwyler

#### Undergraduate Research Advising

2023- Mia Yeo

2023- Karen Phan

2023- Vincent Carluccio

2023-24 Monica Zhou

2022-24 Jaime Park

2023 Nicole Pastor

2023 Nathan Ravindra Samarasena (SURP)

2022-23 Riya Sogani

2022-23 Sarah Nassery

2021-22 Dulce Garfias

2021-22 Melanie Guerrero

2021-22 Amie Le

2021-22 Megan Kosai

2021 Hannia Lizeth Aguiar

2021 Lisbet Aviluz-Gomez

2021 Ahtziri Sanchez

2021 Alexa Wang

2021 Alissen Trinh

2021 Kavan Dharia

2021 Sabrina Tran

2021 Sahil Jagad

2021 Sophia Tran

2021-22 Vivian Chu

2021-22 Vivian Lin

2021-22 Ying Wu

2020-22 Isabel Tuason

2020-22 Abby Liu

2018-22 Ana Sathish

2020 Julie Oh

2020 Ethan Vu

2019-20 Humaira Niazi

2019-20 Ethel Wong

2019-20 Lenah Syed

2019-20 Iqra Abbaali

2019-20 Sumah Faqhir

2019-20 Srilakshmi Godavarti

2019 Sangyeong Lee (I-SURF)

2019 Dakyung Go (I-SURF, co-supervisor)

2019 Seunghyun Kim (I-SURF)

2019-20 Andrew Tumang

2019-20 Mayra Cortez

2018-20 Hipolito Ruiz

2018-20 Saadia Karim

2018-19 Alyssa Decampo

2018-19 Brigette Giles

2018-20 Samhitha Tarra

2018-20 Kristen Can

2018-19 Jessica Salimbangon

2018 Charles Yan (ICS 90)

2018 Tiffany (Yu-Wei) Tseng (ICS 90)

2018 Robert Maldonado (ICS 90)

2018 Areba Hazari (ICS 90)

2018 Deone Peng (ICS 90)

2017-19 Marc Lazanga

2016, 17-19 Maya Gupta

2017-19 Kyle Lee

2016, 17-18 Yasmin Majali

2017-18 Zoya Trendafilova

2017 Amanda Ali

2017 Sarah Alvarez

2017 Emily Rivera

2016-17 Ghayas Akbar

2016-17 Liz Saloka (INDS thesis advisor)

2016 Michelle Jung

2016 Steven Herrera

2015-17 Erick Ronquillo

2015-16 Braxton Dubin

2015-16 Niara Comri

#### High School Student Research Advising

2024 Yash Kshirsagar (Eastside Preparatory School)

2024 Khanh Tran (Bolsa Grande High School)

2024 Riya Shelar (American High School)

2023 Kyle Han (Arnold O. Beckman High School)

 2023 Nataly Lopez (Samueli Academy)

# OTHER TEACHING ACTIVITIES

### [OTA.45] “Researching Tech Design with Blind Folks.” School of Information and Computer Science Summer Academy. **UCI**, Irvine, CA. July 24, 2025.

### [OTA.44] “Researching Tech Design with Blind Folks.” School of Information and Computer Science Summer Academy. **UCI**, Irvine, CA. July 10, 2025.

### [OTA.43] “Why I Joined, then Left Computer Science.” ICS and Engineering Mixer, Associated Students, UCI (ASUCI). **UCI**, Irvine, CA. May 8, 2025.

### [OTA.42] “Canvas & PDF Accessibility.” In collaboration with Tawana Washington. Digital Accessibility Support & Help (DASH), Division of Teaching Excellence and Innovation (DTEI). **UCI**, Irvine, CA. May 2, 2025.

### [OTA.41] “Designing Tech for Disability.” IN4MATX 171: Introduction to Health Informatics taught by Renee Garett. Online virtual event. **UCI**, Irvine, CA. November 12, 2024.

### [OTA.40] “Designing Tech for Disability.” ICS 10: How Computers Work taught by Victoria Jackson. **UCI**, Irvine, CA. April 16, 2024.

### [OTA.39] “Accessible Teaching.” In collaboration with Meredith Ehrenberg, Somphone Eno. Inclusive Teaching Institute (ITI), Division of Teaching Excellence and Innovation (DTEI). **UCI**, Irvine, CA. Hybrid event. February 14, 2024.

### [OTA.38] “Graduate Alum Panel: Career Paths in Informatics.” Moderator: Stacy Branham. Panelists: Yao Du, Nadia Etemadi, Negar Ghorbani, Krithika Jagannath, Michael "Six" Silberman. Hybrid event. **UCI**, Irvine, CA. December 15, 2023.

### [OTA.37] “Designing Tech for Disability.” IN4MATX H81: Ethics, Technology, and Design taught by Katie Salen Tekenbaş. **UCI**, Irvine, CA. November 30, 2023.

### [OTA.36] “Designing Tech for Disability.” IN4MATX 171: Introduction to Health Informatics taught by Renee Garett. Online virtual event. **UCI**, Irvine, CA. November 9, 2023.

### [OTA.35] “What Matters to Me and Why.” Hybrid event. **UCI**, Irvine, CA. November 3, 2023.

### [OTA.34] “Smartphones for Older Adults with Vision Loss.” In collaboration with \*Isabela Figueira, \*Cameron Cassidy. **Dayle McIntosh Center**, Irvine, CA. Online virtual event. August 30, 2023.

### [OTA.33] “RealSAM Pocket for Older Adults with Vision Loss.” In collaboration with \*Isabela Figueira, \*Cameron Cassidy. **Dayle McIntosh Center**, Irvine, CA. Online virtual event. June 14, 2023.

### [OTA.32] “Careers in Computing and Accessibility.” Moderator: Stacy Branham. Panelists: Meredith Ehrenberg, Michael Elgo, Aileen Hackett, Meenakshi Das, Liz Riley. Online virtual event. **UCI**, Irvine, CA. June 12, 2023.

### [OTA.31] “Accessible Teaching.” In collaboration with Meredith Ehrenberg, Somphone Eno. Inclusive Course Design Institute (ICDI), Division of Teaching Excellence and Innovation (DTEI). **UCI**, Irvine, CA. Online virtual event. May 10, 2023.

### [OTA.30] “What’s It Like to Be a Professor? In collaboration with \*Isabela Figueira, \*Cameron Cassidy. **Loma Ridge Elementary School**, Irvine, CA May 5, 2023.

### [OTA.29] “MiniVision2+ for Older Adults with Vision Loss.” In collaboration with \*Isabela Figueira, \*Cameron Cassidy. **Dayle McIntosh Center**, Irvine, CA. Online virtual event. April 12, 2023.

### [OTA.28] “Designing Tech for Universal Access.” IN4MATX 280: Overview of HCI Design taught by Anne Marie Piper. **UCI**, Irvine, CA. March 31, 2023.

### [OTA.27] “Inclusive Imagery: Writing Alt-Text that Depicts People with Disabilities and Other Marginalized Identities.” In collaboration with \*Emory Edwards, Ali Abdolrahmani. Online virtual event. **ADA National Network**. March 16, 2023.

### [OTA.26] “BlindShell Classic 2 for Older Adults with Vision Loss.” In collaboration with \*Isabela Figueira, \*Yoonha Cha. **Dayle McIntosh Center**, Irvine, CA. Online virtual event. March 1, 2023.

### [OTA.25] “Three Phone Hacks I Learned from Blind People.” Association for Women in Computing student organization. Online virtual event. **Pennsylvania State University**, State College, PA. February 23, 2023.

### [OTA.24] “Designing Tech for Disability.” IN4MATX 171: Introduction to Health Informatics taught by Renee Garett. Online virtual event. **UCI**, Irvine, CA. February 2, 2023.

### [OTA.23] “Graduate Alum Panel: Career Paths in Informatics.” Moderator: Stacy Branham. Panelists: Yao Du, Daniel Gardner, Sam McDonald, Kevin Storer. Hybrid event. **UCI**, Irvine, CA. December 8, 2022.

### [OTA.22] “Integrating Accessibility Into a Computing Career.” Moderator: Stacy Branham. Panelists: Erin Buehler, Kirk Crawford, JooYoung Seo, Emily Young. Online virtual event. **UCI**, Irvine, CA. December 6, 2022.

### [OTA.21] “Three Phone Hacks I Learned from Blind People.” CAHSI Software Engineering student organization. Online virtual event. **University of Puerto Rico**, Mayagüez, PR. April 28, 2022.

### [OTA.20] “Finding Your Passion in Computing.” Association for Women in Computing student organization. Online virtual event. **VT**, Blacksburg, VA. April 14, 2022.

### [OTA.19] “Designing Tech for Universal Access.” IN4MATX 280: Overview of HCI Design taught by Anne Marie Piper. Online virtual lecture. **UCI**, Irvine, CA. March 20, 2022.

### [OTA.18] “How to Give a Great Presentation.” IN4MATX 190: Graduate Professional Development Seminar taught by Aaron Trammell. Online virtual lecture. **UCI**, Irvine, CA. February 24, 2022.

### [OTA.17] “Designing Tech for Universal Access.” CS 460: Human-Computer Interaction taught by Jessica Zeitz. Online virtual lecture. **University of Mary Washington**, Fredericksburg, VA. February 23, 2022.

### [OTA.16] “Researching Accessible Futures in Computing.” Workshop at OurCS@AccessComputing+CREATE. Online virtual conference. **University of Washington**, Seattle, WA. January 13-15, 2021.

### [OTA.15] “Is Tech Ableist? How to Make Technology More Equitable for People with Disabilities.” In collaboration with \*Julie Oh and \*Cella Sum. Online virtual event. Center for Women in Technology and The Women’s Center, **UMBC**, Baltimore, MD. October 9, 2020.

### [OTA.14] “How Does a Blind Person Use a Touchscreen Phone?” ICS H197: Honors Seminar taught by Rich Lathrop. Online virtual lecture. **UCI**, Irvine, CA. October 7, 2020.

### [OTA.13] “Is Tech Ableist? An Instagram Live Conversation.” Online virtual event. Center for Women in Technology and The Women’s Center, **UMBC**, Baltimore, MD. October 6, 2020.

### [OTA.12] “Find Your People and Invite Yourself.” This Is What a Scientist/Engineer Looks Like. **UCI**, Irvine, CA. February 5, 2020.

### [OTA.11] “Designing Co-Reading Technologies for (Blind) Parents and Their Children.” Connected Learning Lab Dialog. **UCI**, Irvine, CA. December 10, 2019.

### [OTA.10] “Why Smart Speakers are Not Dumb.” **UCI** Brews and Brains. Costa Mesa, CA. October 15, 2019.

### [OTA.9] “What Being a Woman in Computing Has Taught Me About Building Technology for Good.” I-SURF. **UCI**, Irvine, CA. August 23, 2019.

### [OTA.8] “Ethics, Design, and Technology: Don’t Forget People with Disabilities.” IN4MATX H81: Ethics, Technology, and Design taught by Katie Salen Tekenbaş. **UCI**, Irvine, CA. May 23, 2019.

### [OTA.7] “Accessible Software Development.” MHCID. **UCI**, Irvine, CA. March 28, 2019.

### [OTA.6] “What Being a Woman in Computing Has Taught Me About Building Technology for Good.” ICS 90: New Student Seminar taught by Rich Pattis. **UCI**, Irvine, CA. October 17, 2018.

### [OTA.5] “Mediated Marginality: How IT Marginalizes and Empowers in Interpersonal Relationships.” MCS 101: Media Literacy taught by Kristen Anchor. **UMBC**, Baltimore, MD. March 29, 2017.

### [OTA.4] “Mediated Marginality: How IT Marginalizes and Empowers in Interpersonal Relationships.” MCS 101: Media Literacy taught by Kristen Anchor. **UMBC**, Baltimore, MD. March 28, 2017.

### [OTA.3] “Technology and Relationships: How IT design can change society.” HCC 629 taught by Ravi Kuber. **UMBC**, Baltimore, MD. December 1, 2014.

### [OTA.2] “Technology and Relationships: How IT design can change society.” IS 803 taught by Anita Komlodi. **UMBC**, Baltimore, MD. October 17, 2014.

### [OTA.1] “Design cultures in computer science.” Design Cultures taught by Matthew Wisnioski. **VT**, Blacksburg, VA. March 13, 2012.

# SERVICE

## Professional Service

#### CRA-E Board of Directors Member

2025- Chair, Demystifying ADA Title II (DATA) Project

2025- Member, UR2PhD Subcommittee

2023-25 Coach, CSGrad4US

2024 Member, Graduate Fellowship Selection Subcommittee

#### ACM SIGCHI Executive Committee Member

2020-23 Adjunct Chair for Accessibility

#### Journal Editor

2024- Associate Editor, TOCHI

2020-21 Guest editor, TACCESS, Special Issue on AI Fairness and People with Disabilities (merged into regular issue)

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

#### Magazine Guest Editor

2023-24 Guest Expert, ACM Queue, Special Issue on Software Accessibility

#### Conference Program Committee Member

2025-26 Co-Chair, Technical Program, ASSETS’26

202 Member, Program Committee, ASSETS’25

2024 Member, Program Committee, CHIWORK’24

2024 Member, Program Committee, ASSETS’24

2023 Member, Program Committee, CHIWORK’23

2023 Member, Program Committee, ASSETS’23

2022 Member, Program Committee, CHIWORK’22

2021 Member, Program Committee, ASSETS’21

2021 Associate Chair, Papers, CHI’21

2020 Member, Program Committee, ASSETS’20

2019 Member, Program Committee, ASSETS’20

2019 Associate Chair, Papers, DIS’19

2019 Associate Chair, Papers, CHI’19

2018 Member, Program Committee, ASSETS’18

2018 Associate Chair, Papers, CHI’18

2012 Associate Chair, Works-in-Progress, CHI’12

2011 Associate Chair, Works-in-Progress, CHI’11

#### Conference Organizing Committee Member

2023-24 Co-Chair, Accessibility, C&C’24

2022-24 Co-Chair, Papers Subcommittee on Accessibility and Aging, CHI’23 & CHI’24

2022-23 ACM Partnerships Chair, ASSETS’23

2021-22 Co-Chair, Mentoring, ASSETS’22

2018-19 Co-Chair, Diversity and Accessibility, DIS’19 / C&C’19 (collocated)

2018-19 Chair, Accessibility, SIGCSE’19

2017-18 Co-Chair, Local Arrangements, SIGCSE’18

2017-18 Co-Chair, Student Research Competition, ASSETS’17

#### Workshop Organizer

2025 Lead, Accessing STEM in Higher Education, UCI

2025 Co-Organizer, Accessibility and Disability in CS Education, SIGCSE ’25

2024 Co-Organizer, Accessibility in Computer Science, Tapia’24

2024 Co-Organizer, The Future of Accessible Work and Generative AI, UCI

2023-24 Mentor, Doctoral Consortium, CHI’24

2023-24 Lead, Accessing STEM in Higher Education, UCI

2023 Co-Organizer, CUI@CHI: Inclusive Design of CUIs Across Modalities and Mobilities, CHI’23

2019 Co-Organizer, AI Fairness for People with Disabilities, ASSETS’19

2018 Co-Organizer, Inclusive Educational Technologies: Emerging Opportunities for People with Visual Impairments, CHI’18

2016 Co-Organizer, Ethical Encounters in Human-Computer Interaction, CHI’16

2014 Lead, Co-creating and Identity-Making in CSCW: Revisiting Ethics in Design Research, CSCW’14

#### Conference Special Interest Group (SIG) & Birds of a Feather (BoF) Session Organizer

2022 Exploring Hybrid: A (hybrid) SIG to discuss hybrid conferences, SIGCSE’23

2022 SIGCHI Turns 40, SIG, CHI’22

2022 Equity Talks @SIGCHI, SIG, CHI’22

2022 Disability in Computer Science Education, BoF, SIGCSE’22

#### Conference Panel Organizer

2025 “Accessible Computing Education,” RESPECT 2025

2011 “Time strikes, we strike back: time management for female computer scientists,” GHC’11

#### Conference Session Chair

2024 Chair, Assistive Interactions: Solutions for d/Deaf and Hard of Hearing Users, CHI’24

2021 Chair, Social Justice // More than Human Interaction, CHI’21

2020 Co-Chair, Paper Session 2: Perspectives on Accessibility, ASSETS’20

2019 Chair, Paper Session 6: Touchy Feely, ASSETS’19

2019 Chair, Conversational Agents, DIS’19

2019 Chair, Gendered Considerations, DIS’19

#### Journal Manuscript Reviewer

2019- ACM Transactions on Accessible Computing (TACCESS)

2020 ACM Transactions on Human-Computer Interaction (TOCHI)

2015 Interacting with Computers

2013 Transactions on Affective Computing

#### Book Proposal Reviewer

2018 Oxford University Press

#### Conference Paper Reviewer

2015- ASSETS

2014- CSCW

2012- DIS

2010- CHI

2021 IDC

2019 INTERACT

2013,15 Mobile HCI

#### Funding Proposal Reviewer

2024 NSF review panel member (Fall)

2023 NIDILRR review panel member (Summer)

2022 NSF review panel member (Winter)

2021 NSF review panel member (Winter)

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

## Departmental Service

2025 Chair, Graduate Student Visit Day

2024 Member, Informatics Graduate Admissions Committee

2023-24 Chair, Informatics Graduate Admissions Committee

2023 Member, Informatics Graduate Admissions Committee

2023 Member, Informatics Faculty Hiring Committee

2022-23 Member, Informatics Steering Committee

2022 Member, Hiring and Recruiting Work Group

2018-22 Member, Informatics Major Steering Committee

2020 Member, Informatics Faculty Hiring 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 (VT)

2005-08 President, Association for Women in Computing (VT)

2008 Member, Diversity Committee (VT)

## School/College Service

2024- Chair, ICS Faculty

2022- Member, ICS Undergraduate Policy Committee (UPC)

2023 Judge, ICS Project Expo

2022 Panelist, NSF CAREER Workshop: Awardee Panel

2021 Member, Informatics Chair Search Advisory Committee

2018-19 Member, Provost’s Leadership Academy (by nomination)

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

2023- Co-Chair and Founder, Association for Disabled Faculty and Staff (ADFS)

2024- Member, Diversity Affinity Group Initiative (DAG)

2024-25 Member, Academic Notice Subcommittee, CEP

2023-25 Member, Policy and Assessment Subcommittee (SCPA), CEP

2022-25 Member, Council on Educational Policy (CEP)

2020- Member, IT Accessibility Work Group (ITAW)

2024 Member, Disability Funding Advisory Board

2023 Chair, Disability Cultural Center Task Force

2023 Faculty Peer Coach, Inclusive Course Design Institute (ICDI)

2022-23 Mentor, UCI Women in Research (WIR)

2022-23 Member, Strategic Planning Steering Committee

2019-20 Advisor, Through Inclusive Eyes (TIE) student organization

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

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’ degree of professional preparation is denoted as follows: †postdoc, \*graduate student, \*\*undergraduate student, §high school student. [↑](#footnote-ref-2)