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Research Overview

I leverage human-computer interaction and disability studies approaches to understand how sociotechnical systems, including those applying machine learning, impact people with disabilities. In response, I make novel and ethics-oriented interventions. My contributions span novel designs or design cautions, accessibility and justice-oriented guidance for technology development, and policy recommendations for structural level change.

Current Employment

Postdoctoral Researcher , Carnegie Mellon University Human-Computer Interaction Institute Supervisor: Jeffrey P. Bigham	01/2020—Present
Researcher , Apple, Inc.'s AI and Machine Learning Org	01/2020—Present

Education

Ph.D. Human Centered Design and Engineering , University of Washington Committee: Daniela Rosner (Advisor, University of Washington) David Ribes (Advisor, University of Washington), Megan Finn (University of Washington), Richard Ladner (University of Washington), Alex Taylor (City, University of London), Joanne Woiak (University of Washington)	03/2020
B.A. in Psychology , University of North Carolina Wilmington, Magna Cum Laude Minors: African American Studies and Women's Studies	05/2011

Fellowships and Grants

- National Science Foundation Graduate Research Fellowship 2015 – 2019, (\$150,000)
- Microsoft Research Dissertation Grant 2018 – 2019, (\$25,000)
- University of Washington Harlan Hahn Endowment Grant 2018, (\$2,300)
- Foundation for Science and Disability Graduate Student Grant 2018, (\$1,000)
- University of Washington Disability Studies Program Dennis Lang Award 2018, (\$500)
- Collaborator on Ford College Community Challenge Grant 2014, (\$25,000)

Awards and Honors

- Lead author and mentor on the Best Student Paper awarded paper at each ASSETS Conference on Computers and Accessibility 2018 and 2020
- Lead author and mentor on an Honorable Mention awarded paper at each the CHI Conference on Human-Computer Interaction 2021 and the Design of Interactive Systems Conference 2021
- University of Washington Human Centered Design and Engineering department Award for Innovation 2019

- ASSETS Conference on Computers and Accessibility Doctoral Consortium student 2017
- Co-authored the Best Student Paper at the ASSETS Conference on Computers and Accessibility 2014, 2021
- Co-authored the Best Paper at the ASSETS Conference on Computers and Accessibility 2013
- UNC Wilmington Psychology Department Michael Bradley Research Award 2011

Peer Reviewed Publications

- Kelly Mack, Emma J. McDonnell, Venkatesh Potluri, Maggie Xu, Jailyn Zabala, Jeffrey P. Bigham, Jennifer Mankoff, and Cynthia L. Bennett. 2022. Anticipate and Adjust: Cultivating Access in Human-Centered Methods. In *Proceedings of the 2022 CHI Conference on Human Factors in Computing Systems (CHI '22)*. ACM, New York, NY, USA, to appear.
- **Honorable Mention:** Cynthia L. Bennett, Emily E. Ackerman, Bonnie Fan, Jeffrey P. Bigham, Patrick A. Carrington, and Sarah E. Fox. 2020. Accessibility and the Crowded Sidewalk: Micromobility's Impact on Public Space. In the Proceedings of DIS'21: ACM Conference on Designing Interactive Systems, June 28-July 2, 2021. ACM, New York, NY, USA. 16 pages. <https://doi.org/10.1145/3461778.3462065>
- **Honorable Mention:** Cynthia L. Bennett, Cole Gleason, Morgan Klaus Scheuerman, Jeffrey P. Bigham, Anhong Guo, and Alexandra To. 2021. "It's Complicated": Negotiating Accessibility and (Mis)Representation in Image Descriptions of Race, Gender, and Disability. In *Proceedings of the 2021 CHI Conference on Human Factors in Computing Systems (CHI '21)*. ACM, New York, NY, USA, 31 pages. DOI: <https://doi.org/10.1145/3411764.3445498>
- **Best Student Paper Award:** Megan Hofmann, Devva Kasnitz, Jennifer Mankoff, and Cynthia L. Bennett. 2020. Living Disability Theory: Reflections on Access, Research, and Design. In *The 22nd International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '20)*. ACM, New York, NY, USA, Article 4, 1–13. DOI: <https://dl.acm.org/doi/10.1145/3373625.3416996>
- Cynthia L. Bennett, Daniela K. Rosner, and Alex S. Taylor. 2020. The Care Work of Access. In *Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems (CHI '20)*. ACM, New York, NY, USA, 1–15. DOI: <https://dl.acm.org/doi/10.1145/3313831.3376568>
- Cynthia L. Bennett, Burren Peil and Daniela K. Rosner. 2019. Biographical Prototypes: Reimagining Recognition and Disability in Design. In *Proceedings of the Annual ACM Conference on the Design of Interactive Systems (DIS '19)*. ACM, New York, NY, USA, 35–47. <https://doi.org/10.1145/3322276.3322376>
- Cynthia L. Bennett and Daniela K. Rosner. 2019. The Promise of Empathy: Disability, Design, and Knowing the 'Other.' In *Proceedings of the 37th Annual ACM Conference on Human Factors in Computing Systems (CHI '19)*. ACM, New York, NY, USA, Paper 298, 13 pages. DOI: <https://doi.org/10.1145/3290605.3300528>
- **Best Student Paper Award:** Cynthia L. Bennett, Erin L. Brady and Stacy M. Branham. 2018. Interdependence as a Frame for Assistive Technology Research and Design. In *Proceedings of the*

20th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '18). ACM, New York, NY, USA, 161–173. DOI: <https://doi.org/10.1145/3234695.3236348>

- Cynthia L. Bennett, Jane L. E, Martez E. Mott, Edward Cutrell and Meredith Ringel Morris. 2018. How Teens with Visual Impairments Take, Edit, and Share Photos on Social Media. In *Proceedings of the 36th Annual ACM Conference on Human Factors in Computing Systems (CHI '18)*. ACM, New York, NY, USA, Paper 76, 12 pages. DOI: <https://doi.org/10.1145/3173574.3173650>
- Cynthia L. Bennett, Keting Cen, Katherine M. Steele and Daniela K. Rosner. 2016. An Intimate Laboratory? Prostheses as a Tool for Experimenting with Identity and Normalcy. In *Proceedings of the 34th Annual ACM Conference on Human Factors in Computing Systems (CHI '16)*. ACM, New York, NY, USA, 1745–1756. DOI: <http://dx.doi.org/10.1145/2858036.2858564>
- **Best Student Paper Award:** Stephanie Valencia, Mark Steidl, Michael L. Rivera, Cynthia L. Bennett, Jeffrey P. Bigham, and Henny Admoni. 2021. Aided Nonverbal Communication through Physical Expressive Objects. In *The 23rd International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS'21)*, October 18–22, 2021, Virtual Event, USA. ACM, New York, NY, USA, 11 pages. <https://doi.org/10.1145/3441852.3471228>
- Saiganesh Swaminathan, Yellina Yim, Scott E Hudson, Cynthia L. Bennett, and Patrick Carrington. 2021. From Tactile to NavTile: Opportunities and Challenges with Multi-Modal Feedback for Guiding Surfaces during Non-Visual Navigation. In *CHI Conference on Human Factors in Computing Systems (CHI'21)*, May 8–13, 2021, Yokohama, Japan. ACM, New York, NY, USA, 22 pages. DOI: <https://doi.org/10.1145/3411764.3445716>
- Cole Gleason, Stephanie Valencia, Lynn Kirabo, Jason Wu, Anhong Guo, Elizabeth Jeanne Carter, Jeffrey Bigham, Cynthia L. Bennett, and Amy Pavel. 2020. Disability and the COVID-19 Pandemic: Using Twitter to Understand Accessibility during Rapid Societal Transition. In *The 22nd International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '20)*. ACM, New York, NY, USA, Article 5, 1–14. DOI: <https://dl.acm.org/doi/10.1145/3373625.3417023>
- Lucas Colusso, Cynthia L. Bennett, Pari Gabriel and Daniela K. Rosner. 2019. Diversity and Design? Speculations on What Could Go Wrong. In *Proceedings of the Annual ACM Conference on the Design of Interactive Systems (DIS '19)*. ACM, New York, NY, USA, 1405–1413. DOI: <https://doi.org/10.1145/3322276.3323690>
- Catherine M. Baker, Cynthia L. Bennett and Richard E. Ladner. 2019. Educational Experiences of Blind Programmers. In *Proceedings of the 50th ACM Technical Symposium on Computer Science Education (SIGCSE '19)*. ACM, New York, NY, USA, 759–765. DOI: <https://doi.org/10.1145/3287324.3287410>
- Danielle Bragg, Cynthia L. Bennett, Katharina Rheinecke and Richard E. Ladner. 2018. A Large Inclusive Study of Human Listening Rates. In *Proceedings of the 36th Annual ACM Conference on Human Factors in Computing Systems (CHI '18)*. ACM, New York, NY, USA, Paper 444, 12 pages. DOI: <https://doi.org/10.1145/3173574.3174018>

- Meredith Ringel Morris, Jazette Johnson, Cynthia L. Bennett and Edward Cutrell. 2018. Rich Representations of Visual Content for Screen Reader Users. In *Proceedings of the 36th Annual ACM Conference on Human Factors in Computing Systems (CHI '18)*. ACM, New York, NY, USA, Paper 59, 11 pages. DOI: <https://doi.org/10.1145/3173574.3173633>
- Martez E. Mott, Jane L. E, Cynthia L. Bennett, Edward Cutrell and Meredith Ringel Morris. 2018. Understanding the Accessibility of Smartphone Photography for People with Motor Impairments. In *Proceedings of the 36th Annual ACM Conference on Human Factors in Computing Systems (CHI '18)*. ACM, New York, NY, USA, Paper 520, 12 pages. DOI: <https://doi.org/10.1145/3173574.3174094>
- Anja Thieme, Cynthia L. Bennett, Cecily Morrison, Edward Cutrell and Alex S. Taylor. 2018. "I can do everything but see!" – How People with Vision Impairments Negotiate their Abilities in Social Contexts. In *Proceedings of the 36th Annual ACM Conference on Human Factors in Computing Systems (CHI '18)*. ACM, New York, NY, USA, Paper 203, 14 pages. DOI: <https://doi.org/10.1145/3173574.3173777>
- Yuhang Zhao, Cynthia L. Bennett, Hrvoje Benko, Edward Cutrell, Christian Holz, Meredith Ringel Morris and Mike Sinclair. 2018. Enabling People with Visual Impairments to Navigate Virtual Reality with a Haptic and Auditory Cane Simulation. In *Proceedings of the 36th Annual ACM Conference on Human Factors in Computing Systems (CHI '18)*. ACM, New York, NY, USA, Paper 116, 14 pages. DOI: <https://doi.org/10.1145/3173574.3173690>
- John R. Porter, Kiley Sobel, Sarah E. Fox, Cynthia L. Bennett and Julie A. Kientz. 2017. Filtered Out: Disability Disclosure Practices in Online Dating Communities. In *proceedings of the ACM Human - Computer Interaction 1, CSCW*, Article 87 (December 2017), 13 pages. DOI: <https://doi.org/10.1145/3134722>
- Lucas F. Colusso, Cynthia L. Bennett, Sean A. Munson and Gary Hsieh. 2017. Translational Resources: Reducing the Gap between Academic Research and HCI Practice. In *Proceedings of the Annual ACM Conference on the Design of Interactive Systems (DIS '17)*. ACM, New York, NY, USA, 957–968. DOI: <https://doi.org/10.1145/3064663.3064667>
- Haley MacLeod, Cynthia L. Bennett, Meredith Ringel Morris and Edward Cutrell. 2017. Understanding Blind People's Experiences with Computer-Generated Captions on Social Media Images. In *Proceedings of the 35th Annual ACM Conference on Human Factors in Computing Systems (CHI '17)*. ACM, New York, NY, USA, 5988–5999. DOI: <https://doi.org/10.1145/3025453.3025814>
- Kristen Shinohara, Cynthia L. Bennett and Jacob O. Wobbrock. 2016. How Designing for People with and without Disabilities Shapes Student Design Thinking. In *Proceedings of the 18th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '16)*. ACM, New York, NY, USA, 229–237. DOI: <https://doi.org/10.1145/2982142.2982158>
- **Best Student Paper Award:** Catherine M. Baker, Lauren R. Milne, Jeffrey Scofield, Cynthia L. Bennett and Richard E. Ladner. 2014. Tactile Graphics with a Voice: Using QR Codes to Access Text in Graphics. In *Proceedings of the 16th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '14)*. ACM, New York, NY, USA, 75–82. DOI: <http://dx.doi.org/10.1145/2661334.2661366>

- Megan Campbell, [Cynthia L. Bennett](#), Caitlin Bonnar and Alan Borning. 2014. Where's My Bus Stop? Supporting Independence of Blind Transit Riders with StopInfo. In *Proceedings of the 16th International ACM SIGACCESS Conference on Computers and Accessibility, (ASSETS '14)*. ACM, New York, NY, USA, 11–18. DOI: <http://dx.doi.org/10.1145/2661334.2661378>
- Lauren R. Milne, [Cynthia L. Bennett](#), Shiri Azenkot and Richard E. Ladner. 2014. BraillePlay: Educational Smartphone Games for Blind Children. In *Proceedings of the 16th International ACM SIGACCESS Conference on Computers and Accessibility, (ASSETS '14)*. ACM, New York, NY, USA, 137–144. DOI: <http://dx.doi.org/10.1145/2661334.2661377>
- Shiri Azenkot, [Cynthia L. Bennett](#) and Richard E. Ladner. 2013. DigiTaps: Eyes-Free Number Entry with Minimal Audio Feedback on Touchscreens. In *Proceedings of the Symposium on User Interface Software and Technology, (UIST '13)*. ACM, New York, NY, USA, 85–90. DOI: <http://dx.doi.org/10.1145/2501988.250205>
- **Best Paper Award:** Kotaro Hara, Shiri Azenkot, Megan Campbell, [Cynthia L. Bennett](#), Vicki Le, Sean Pannella, Robert Moore, Kelly Minckler, Rochelle H. Ng and John E. Froehlich. 2013. Improving Public Transit for Blind Riders by Crowdsourcing Bus Stop Landmark Locations with Google Street View. In *Proceedings of the International ACM SIGACCESS Conference on Computers and Accessibility, (ASSETS '13)*. ACM, New York, NY, USA, Article 16, 8 pages. DOI: <http://dx.doi.org/10.1145/2513383.2513448>
- Kyle Rector, [Cynthia L. Bennett](#) and Julie A. Kientz. 2013. Eyes-Free Yoga: An Exergame using Depth Cameras for Blind and Low Vision Exercise. In *Proceedings of the International ACM SIGACCESS Conference on Computers and Accessibility, (ASSETS '13)*. ACM, New York, NY, USA, Article 12, 8 pages. DOI: <http://dx.doi.org/10.1145/2513383.2513392>

Technical Report

- Meredith Whittaker, Meryl Alper, [Cynthia L. Bennett](#), Sara Hendren, Liz Kaziunas, Mara Mills, Meredith Ringel Morris, Joy Rankin, Emily Rogers, Marcel Salas and Sarah Myers West. 2019. "Disability, bias, and AI." AI Now Institute.

Lightly Reviewed Publications

- Lilian de Greef, Dominik Moritz and [Cynthia L. Bennett](#). 2021. Interdependent Variables: Remotely Designing Tactile Graphics for an Accessible Workflow. In *The 23rd International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '21)*. Association for Computing Machinery, New York, NY, USA DOI: <https://doi.org/10.1145/3441852.3476468>
- Anon Ymous, Katta Spiel, Os Keyes, Rua M. Williams, Judith Good, Eva Hornecker and [Cynthia L. Bennett](#). 2020. "I am just terrified of my future" — Epistemic Violence in Disability Related Technology Research. In *Extended Abstracts of the 2020 CHI Conference on Human Factors in Computing Systems (CHI EA '20)*. ACM, New York, NY, USA, 1–16. DOI: <https://doi.org/10.1145/3334480.3381828>

- Cynthia L. Bennett, Abigale Stangl, Alexa F. Siu and Joshua A. Miele. 2019. Making Nonvisually: Lessons from the Field. In *The 21st International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '19)*. Association for Computing Machinery, New York, NY, USA, 279–285. DOI: <https://doi.org/10.1145/3308561.3355619>
- Cynthia L. Bennett. 2017. Disability-disclosure preferences and practices in online dating communities. *XRDS* 24, 2 (December 2017), 30–33. DOI: <https://doi.org/10.1145/3155120>
- Cynthia L. Bennett, Kristen Shinohara, Brianna Blaser, Andrew Davidson and Katherine M. Steele. 2016. Using a Design Workshop to Explore Accessible Ideation. In *Proceedings of the 18th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '16)*. ACM, New York, NY, USA, 303–304. DOI: <https://doi.org/10.1145/2982142.2982209>
- Oussama Metatla, Anja Thieme, Emeline Brulé, Cynthia L. Bennett, Marcos Serrano and Christophe Jouffrais. 2019. Toward Classroom Experiences Inclusive of Students with Disabilities. *Interactions* 6, 1 (December 2018), 40–45. DOI: <https://doi.org/10.1145/3289485>
- Kristen Shinohara, Cynthia L. Bennett, Jacob O. Wobbrock and Wanda Pratt. 2017. Teaching Accessibility in a Technology Design Course. In *Proceedings of the 12th International Society of the Learning Sciences Conference on Computer Supported Cooperative Learning (CSCL '17)*. 239–246. <https://cscl17.files.wordpress.com/2017/06/finalvol1cscl2017.pdf>
- Lauren R. Milne, Cynthia L. Bennett and Richard E. Ladner. 2014. The Accessibility of Mobile Health Sensors for Blind Users. *The Journal of Technology and Persons with Disabilities collection of articles for Center on Disabilities*. 2, 16, (2014), 10 pages. <http://scholarworks.csun.edu/handle/10211.3/133384>
- Lauren R. Milne, Cynthia L. Bennett and Richard E. Ladner. 2013. VBGhost: A Braille-Based Educational Smartphone Game for Children. In *Proceedings of the International ACM SIGACCESS Conference on Computers and Accessibility, (ASSETS '13)*. ACM, New York, NY, USA, Article 75, 2 pages. DOI: <http://dx.doi.org/10.1145/2513383.2513396>

Book Chapter

- Brianna Blaser, Cynthia L. Bennett, Richard E. Ladner, Sheryl E. Burgstahler and Jennifer Mankoff. Perspectives of Women with Disabilities in Computing. In *Global Women in Computing*, Cambridge University Press, 2019.

Position Papers

- Cynthia Bennett and Os Keyes. 2020. What is the Point of Fairness? *Interactions* 27, 3 (May–June 2020), 35–39. DOI: <https://dl.acm.org/doi/10.1145/3386383>
- Cynthia L. Bennett. 2017. Exploring Care and Assistance in HCI with Disability and Feminist Studies. For the workshop: “Imagining Intersectional Futures – Feminist Approaches in CSCW,” CSCW 2017, Portland, OR.

- [Cynthia L. Bennett](#). 2016. Accessible Design Beyond Assistive Technology. For the workshop: “Exploring Social Justice, Design, and HCI,” CHI 2016, San Jose, CA.

Internships and Research Assistantships

- **Research Intern**, Microsoft Research, Redmond, WA 06/2017—09/2017
With Ed Cutrell and Meredith Ringel Morris
- **Research Intern**, Microsoft Research, Cambridge, UK 10/2016—12/2016
With Alex Taylor
- **UX Research Intern**, Microsoft, Redmond, WA 06/2016—09/2016
- **Research Assistant**, University of Washington, Seattle, WA 09/2014—12/2019
In the Human Centered Design and Engineering Department with Daniela Rosner
- **Research Assistant**, University of Washington, Seattle, WA 10/2012—08/2014
In the Computer Science and Engineering Department with Richard Ladner
- **Research Assistant**, UNC Wilmington, Wilmington, NC 01/2010—05/2011
In the Psychology department with Nora Noel

Invited Talks and Public Engagement

- **By whom and for whom? AI Ethics, Power, and the Problem of Representation** 10/2021
Panelist at When Machines Dream the Future
Festival by the Goethe-Institute and the Hygiene-Museum Dresden, Germany
- **Informing an AI Ethics of Accessibility** 10/2021
Tufts University Computer Science Department Colloquia
- **Towards Accessible Data Representations** 10/2021
Panelist for IEEE Visualization Conference
- **Artificially Intelligent—Fixing Accessibility of Technology with Technology** 10/2021
Panelist for National Federation of the Blind of California Convention
- [Cynthia Bennett On AI, Disability, And Accessibility](#) 08/2021
Guest Speaker on *The Good Robot* podcast
- [Biographical Prototypes: Reimagining Recognition and Disability in Design](#) 07/2021
Talk at University of Pittsburgh’s Valuing Disabled Voices in STEM conference
- [The Process of Inclusive Design](#) 06/2021
Session at Apple’s Worldwide Developer Conference with Caroline Cranfill and Sabrina Rekik
- [Risks and Challenges for Inclusive and Equitable Immersive Experiences](#) 06/2021
Contributed to Report by Ellyse Dick of the Information Technology Innovation Foundation
- [A Podcast about Data Bias, Exclusion in Tech, and How to Find Solutions](#) 06/2021
Conversation with Dennis Nguyen of the University of Applied Sciences in Utrecht, Netherlands
- [Design, Disability, Creativity, and Accessibility with Cynthia Bennett](#) 05/2021
Episode of *The Radical AI* podcast
- [Access Is...](#) 05/2021
Keynote for the A Future Date conference
- [Access Is...](#) 04/2021
Simon Fraser University School of Interactive Arts and Technology Graduate Colloquium
- [Designing with Accessibility in Mind](#) 02/2021
Panelist at TechCrunch Justice Sessions
- [HCI & Justice: Putting Ethics and Inclusion at the Forefront of Design](#) 03/2021
Panelist at University of California’s Women in Tech Symposium
- **Toward Centering Access in Professional Design** 01/2021
Penn State Informatics 1st Year Seminar for Ph.D. Students

- [Authentic Intelligence: A Blind Researcher Bringing Wisdom to Future of Technology Innovations](#) 07/2020
Speech at the National Federation of the Blind's 2020 National Convention
- **What is the Point of Fairness: Disability, AI, and the Complexity of Justice** 10/2019
AI Fairness for People with Disabilities workshop at the 2019 ASSETS Conference on Computers and Accessibility
- **Changing the Language in the Diversity and Inclusion Space** 09/2018
Panelist at the Grace Hopper Celebration of Women in Computing
- **Raising Participation of PWD in Design through Accessible Design Activities** 08/2018
Speaker at the Design for Inclusion Summit hosted by the American Institute of Graphic Arts (AIGA), Microsoft, and Creative Reaction Labs
- **Disability History and Disability Studies Introduction** 05/2018
Speaker during Microsoft Research's Ability Team offsite
- **How can Disability Studies inform accessibility research?** 07/2016
Invited speaker at the Microsoft Research Summer Institute on Expanding Accessibility Research
- **Empowering Blind STEM Students: A Workshop** 06/2015
Co-presented with Richard E. Ladner at the Engineering4Society Conference

Invited Participation

- **Disability, AI and Bias** 03/2019
Workshop hosted by Microsoft Research and the AI Now Institute
- **AI and Fairness for People with Disabilities** 10/2018
Workshop hosted by IBM Research
- **Adobe & Interaction Design Association (IxDA) Salon Dinner on Inclusive Design** 09/2018
- **Shared Realities: Disability, Technology, and Inclusion** 05/2017
Participant in the Microsoft Research-sponsored workshop

Teaching Experience

- **Accessibility and Disability Reading Group** 06/2020—08/2021
 - Mentored students and faculty in orienting to accessibility and disability as it relates to technology and society, and designed topical panels with invited guest speakers.
- **Justice, Equity, Diversity, and Inclusion in HCI** 02/2021—05/2021
 - Assisted in course curriculum development and co-led lectures on power and technology and justice-oriented futures in HCI with Sarah Fox.
- **Theoretical Foundations of Human Centered Design and Engineering TA** 09/2019—12/2019
 - University of Washington course number: HCDE 501 at the University of Washington.
 - Assisted in course curriculum development, specifically incorporated, and lectured on feminist, postcolonial, and disability HCI perspectives.
 - Grading and student support for 40 students.
- **Disability Studies and Science and Technology Studies Reading Group** 10/2017—12/2017
 - University of Washington course number: HCDE 496.
 - Co-curated a reading list with co-leader David Ribes and led weekly discussions.
- **Feminist Theory and Critical Disability Studies Reading Group** 04/2016—06/2016
 - University of Washington Course number: HCDE 496.
 - Co-curated a reading list with Sarah Fox and alternated weeks leading discussions.
- **Intro to Human Centered Design and Engineering TA** 10/2015—12/2015

- University of Washington course number: HCDE 210.
- Worked during the course's first offering with the instructors to develop course objectives and original content. The course is now offered to hundreds of students annually and is considered the department's introduction into human centered design.
- Taught two sections—50 students.
- Grading and student support for 100 students.

Guest Lectures

- **“Access Is...,”** 05/2021
In Inclusive Design, University of Washington's Human Centered Design and Engineering department undergraduate course (HCDE 515).
- **“It's Complicated”** 04/2021
Negotiating Accessibility and (Mis)Representation in Image Descriptions of Race, Gender, and Disability. In the Future of Accessibility, University of Washington's School of Computer Science and Engineering masters course (CSEP 590A).
- **Women with Disabilities in Computing** 03/2020 and 03/2021
In Diversity in Computing, Carnegie Mellon University School of Computer Science undergraduate seminar.
- **Biographical Prototypes: Reimagining Recognition and Disability in Design** 10/2020
In seminar on Contemporary Issues in Design Research University of Washington School of Design masters course (DESIGN 581 A).
- **Disability Studies and Inclusive Design** 04/2020
In Inclusive Design, University of Washington Human Centered Design and Engineering department masters course (HCDE 515).
- **The Promise of Empathy: Design, Disability, and Knowing the ‘Other’** 04/2020
In Empirical Traditions, University of Washington Human Centered Design and Engineering masters course (HCDE 502).
- **The Promise of Empathy: Design, Disability, and Knowing the ‘Other’** 11/2019
In seminar on Contemporary Issues in Design Research, a University of Washington Design School masters course (DESIGN 581 A).
- **The Promise of Empathy: Design, Disability, and Knowing the ‘Other’** 12/2019
In Macalester College undergraduate HCI course.
- **Reimagining Recognition and Disability in Design** 05/2019
In Inclusive Design, University of Washington masters course (HCDE 515).
- **Reimagining Recognition and Disability in Design** 02/2019
In Foundations of Human Centered Design and Engineering, University of Washington undergraduate course (HCDE 300).
- **Reimagining Recognition and Disability in Design** 02/2019
In Philosophy of Disability, University of Washington undergraduate course (PHIL 409 A).
- **Interdependence as a Frame for Assistive Technology Research and Design** 04/2019
In Computer Supported Cooperative Work, Chapman University Undergraduate course (CPSC 309).
- **History of Disability in the US and Connecting Disability Studies with Inclusive Design Practice** 04/2018
A two-guest lecture series in Inclusive Design, University of Washington Human Centered Design and Engineering department Ph.D. course (HCDE 598 A).
- **Connecting disability Studies with Inclusive Design Practice** 03/2018

In Inclusive Design, City, University of London School of Mathematics, Computer Science and Engineering masters course.

- **Connecting disability Studies with Inclusive Design Practice** 01/2018
In Inclusive Design, University of Washington Human Centered Design and Engineering department masters course (HCDE 515).

Mentoring

Dissertation Committee

- External Member: Maitraye Das (Northwestern University)

Ph.D. Students: Project-Based

- Cole Gleason
- Kelly Mack
- Emma McDonnell
- Burren Peil
- Venkatesh Potluri
- Saiganesh Swaminathan
- Stephanie Valencia
- Naomi Williams

Undergraduate and Masters: Project-Based

- Keting Cen
- Anna Schmitz
- Bonnie Tran
- Maggie Xu
- Jailyn Zabala

Group Mentoring

- **OurCS@UW+AccessComputing Workshop** 2019
Mentor for women with disabilities in undergraduate computing programs for a 2-day workshop on research and considering graduate school.

Service

Organizing Committee Experience

- CHI 2022 Alt.CHI co-chair
- HCIC 2021 Program Committee member which organizes the entire meeting (Did additional 9 months of service for the 2020 meeting before it was cancelled due to the COVID-19 pandemic.)
- ASSETS 2021 Diversity and Inclusion co-chair
- ASSETS 2020 Accessibility co-chair

Program Committee Experience

- **CHI 2022, 2021**
- **ASSETS 2021, 2020**

Paper, Grant, and Award Reviewing and Selection

- **Review Panelist** 07/2021
U.S. Department of Education Office of Special Education Programs, Educational Technology, Media, and Materials 3+2 review panel
- **External Peer Reviewer** 2014—Present
External peer reviewing papers for peer reviewed publication venues including CHI, CSCW, DIS, TEI, Creativity and Cognition, TACCESS, and ToCHI
- **Recipient Selection Committee Member for Dennis Lang Award** 2019
Recipient selection committee member for the Dennis Lang Student award administered by the University of Washington Disability Studies program
- **Member of the National Federation of the Blind Scholarship Committee** 2015 and 2016
Annually awarding scholarships to 30 blind students.

Departmental and Institutional

- **Student representative on University of Washington Human Centered Design and Engineering Ph.D. Program Oversight Committee** 2017—2019
Committee made up mostly of faculty which reviews Ph.D. student progress and updates curriculum and milestone requirements. During my service, we created documentation for expectations of two of our milestones to increase clarity, transparency, and accessibility.
- **Applicant Reviewer at the University of Washington** 2016—2019
Reviewed applicants for admittance into University of Washington Human Centered Design and Engineering Bachelor major.
- **Meeting Coordinator** 2017—2019
Received a grant two years in a row to fund meetings for a group of University of Washington graduate students with disability studies-focused research. Monthly meetings concerned readings, providing feedback on peers' research, and networking.

Workshop Organizing

- **Co-Organizer of a CHI Conference workshop Nothing About Us Without Us** 2020
Nothing About Us Without Us: Investigating the Role of Critical Disability Studies in HCI, I reviewed workshop applicants and assisted with the program schedule.
- **Co-Organizer of a CHI Conference workshop on Inclusive Educational Technologies** 2018
Inclusive Educational Technologies: Emerging Opportunities for People with Visual Impairments, I reviewed workshop applicants and assisted with the program schedule.

Community Advocacy

- **Representative for Washington State School for the Blind** 2013—2018
WA governor-appointed representative on the Board of Trustees. including serving on a search committee to select the school's next superintendent.
- **Learning Ally** 2015
Mentored blind college students weekly and wrote content for a resource bank of college success strategies.
- **National Federation of the Blind of Washington** 2007—2016
Treasurer 2013-2015 with other offices previously held. Duties include managing finances and lobbying to US and WA congresses for accessibility-related legislation.