

# Noura Howell

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Georgia Institute of Technology

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## ▷ EDUCATION

- 2020 **School of Information, University of California, Berkeley**  
Ph.D. in Information Management & Systems with a Designated Emphasis in New Media.
- 2012 **Olin College of Engineering**  
B.S. in Engineering with a Concentration in Computing, and the program's emphasis on human-centered design.
- 2007-8 **Mississippi State University**  
Gap year in pure math for fun—graph theory, group theory, topology—and music theory.

## ▷ PEER-REVIEWED PUBLICATIONS

- 2024 **“Tuning in and listening to the current”: Understanding Remote Ritual Practice in Sufi Communities**  
S Kozubaev, N Howell  
Designing Interactive Systems (DIS)  
In this year, the acceptance rate for papers on this track was 27%
- Red [Redacted] Theatre: Queering Puzzle-Based Tangible Interaction Design**  
A Teixeira Riggs, R Donley, T M Gasque, N Howell, A Sullivan  
Designing Interactive Systems (DIS)  
Acceptance rate: 23%
- Crip Reflections on Designing with Plants: Intersecting Disability Theory, Chronic Illness, and More-than-Human Design**  
S Janicki, N Parvin, N Howell  
Designing Interactive Systems (DIS)  
Acceptance rate: 27%
- Mapping Futures and Futuring in HCI/Design**  
T Jenkins, V Tsaknaki, N Howell, L Boer, R Wong, N Campo Woytuk, M L Juul Søndergaard  
Designing Interactive Systems (DIS) Extended Abstracts
- Advancing Creative Physical Computing Education: Designing, Sharing, and Taxonomizing Instructional Interventions**  
D Byrne, K DesPortes, N Howell, M Louw, S Sterman  
Designing Interactive Systems (DIS) Extended Abstracts
- Designing an Archive of Feelings: Queering Tangible Interaction with Button Portraits**  
A Teixeira Riggs, S Janicki, N Howell, A Sullivan  
Human Factors in Computing Systems (CHI)  
Acceptance rate: 26%

### **Queering/Crippling Technologies of Productivity**

S Janicki, A Teixeira Riggs, N Howell, A Sullivan, A Stangle

Human Factors in Computing Systems Extended Abstracts (alt.chi)

### **Sensing Bodies: Engaging Postcolonial Histories through More-than-Human Interactions**

S Janicki, A Teixeira Riggs, N Howell, A Sullivan, N Parvin

Tangible, Embedded, Embodied Interaction (TEI)

### **2023 Fabulation as an Approach for Design Futuring**

M L Juul Søndergaard, N Campo Woytuk, N Howell, V Tsaknaki, K Helms, T Jenkins, P Sanches

Designing Interactive Systems (DIS)

Acceptance rate: 24%

### **Designing with Biosignals: Challenges, Opportunities, and Future Directions for Integrating Physiological Signals in Human-Computer Interaction**

E R Stepanova, J Desnoyers-Stewart, A Kitson, B E Riecke, A N Antle, A El Ali, J Frey, V Tsaknaki, N Howell

Designing Interactive Systems (DIS) Extended Abstracts

### **Towards Mutual Benefit: Reflecting on Artist Residencies as a Method for Collaboration in DIS**

L Devendorf, L Buechley, N Howell, J Jacobs, H-L Kao, M Murer, D Rosner, N Ross, R Soden, J Tso, C Zheng

Designing Interactive Systems (DIS) Extended Abstracts

### **Fabulating Biodata Futures for Flourishing and Vibrant Worlds**

T Jenkins, M L Juul Søndergaard, P Sanches, V Tsaknaki, N Campo Woytuk, N Howell, K Helms, L Boer, J Tucker.

Nordic Design Research Society (Nordes) Extended Abstracts

### **2022 Diffraction-in-Action: Designerly Explorations of Agential Realism Through Lived Data**

P Sanches, N Howell, V Tsaknaki, T Jenkins, K Helms

Human Factors in Computing Systems (CHI)

Honorable Mention Award.

In this year, the acceptance rate for this type of submission at this venue was 14%. Honorable Mention is reserved for the top 5% of accepted papers.

### **Fabulating Biodata Futures for Living and Knowing Together**

V Tsaknaki, P Sanches, T Jenkins, N Howell, L Boer, A Bitzouni

Designing Interactive Systems (DIS)

Acceptance rate: 30%

### **Design Futuring for Love, Friendship, and Kinships: Five Perspectives on Intimacy**

S Sharma, B F Schulte, R Fatás Arana, N Howell, A Twigger Holroyd, G Eden

Human Factors in Computing Systems Extended Abstracts (alt.chi)

### **Button Portraits: Embodying Queer History with Interactive Wearable Artifacts**

A Teixeira Riggs, N Howell, A Sullivan

International Conference on Interactive Digital Storytelling (ICIDS)

### **Feeling Air: Exploring Aesthetic and Material Qualities of Architectural Inflatables**

N Howell, S Protz, J Byrd, M Castellanos, A Elkins, J Hall, M Holdsworth, L Mallikeshwaran Rajagopal Sambasivan, C Noel, O Osiberu, R Patel, D Scallan, A Uhrich, A Anupam, B Bosley, R Donley, S Milkes Espinosa, M Ramirez, S Nayak, A-T Tran, Y Jia, Y Wang

Nordic Human-Computer Interaction Conference Extended Abstracts (NordiCHI)

- 2021 **Cracks in the Success Narrative: Rethinking Failure in Design Research through a Retrospective Trioethnography**  
N Howell, A Desjardins, S Fox  
ACM Transactions on Computer-Human Interaction (TOCHI).
- Calling for a Plurality of Perspectives on Design Futuring: An Un-Manifesto**  
N Howell, B F Schulte, A Twigger Holroyd, R Fatás Arana, S Sharma, G Eden  
Human Factors in Computing Systems Extended Abstracts (alt.chi)
- 2020 **Expanding Modes of Reflection in Design Futuring**  
S Kozubaev, C Elsdén, N Howell, M L Juul Søndergaard, N Merrill, B Schulte, R Y Wong  
Human Factors in Computing Systems (CHI)  
Acceptance rate: 23%
- Teachable Machine: Approachable Web-Based Tool for Exploring Machine Learning Classification**  
M Carney, B Webster, I Alvarado, K Phillips, N Howell, J Griffith, J Jongejan, A Pitaru, A Chen  
Human Factors in Computing Systems (CHI) Extended Abstracts
- Challenges and Opportunities for Designing with Biodata as Material**  
V Tsaknaki, T Jenkins, L Boer, S Homewood, N Howell, P Sanches  
Nordic Human-Computer Interaction Conference Extended Abstracts (NordiCHI)
- 2019 **Life-Affirming Biosensing in Public: Sounding Heartbeats on a Red Bench**  
N Howell, G Niemeyer, K Ryokai  
Human Factors in Computing Systems (CHI)  
Acceptance rate: 24%
- Vivewell: Speculating Near-Future Menstrual Tracking through Current Data Practices**  
S Fox, N Howell, R Wong, F Spektor  
Designing Interactive Systems (DIS)  
Acceptance rate: 25%
- 2018 **Tensions of Data-Driven Reflection: A Case Study of Real-Time Emotional Biosensing**  
N Howell, L Devendorf, T Vega Gálvez, R Tian, K Ryokai  
Human Factors in Computing Systems (CHI)  
Acceptance rate: 26%
- Emotional Biosensing: Exploring Critical Alternatives**  
N Howell, J Chuang, A De Kosnik, G Niemeyer, K Ryokai  
Proceedings of the ACM on Human-Computer Interaction (CSCW)  
Acceptance rate: 26%
- Capturing, Representing, and Interacting with Laughter**  
K Ryokai, E Duran, N Howell, J Gillick, D Bamman  
Human Factors in Computing Systems (CHI)  
Acceptance rate: 26%
- Doodle Daydream: An Interactive Display to Support Playful and Creative Interactions Between Coworkers**  
S Elvitigala, S W T Chen, N Howell, D J C Matthies, S Nanayakkara  
Proceedings of the Symposium on Spatial User Interaction

- 2017 **Interrogating Biosensing in Everyday Life**  
N Merrill, R Wong, N Howell, L Stark, L Leahu, D Nafus  
Designing Interactive Systems (DIS) Extended Abstracts
- Celebrating Laughter: Capturing and Sharing Tangible Representations of Laughter**  
K Ryokai, E Duran, D Bseiso, N Howell, J W Jun  
Designing Interactive Systems (DIS) Extended Abstracts  
Acceptance rate: 22%
- 2016 **Biosignals as Social Cues: Ambiguity and Emotional Interpretation in Social Displays of Skin Conductance**  
N Howell, L Devendorf, R Tian, T Vega Gálvez, N-W Gong, I Poupyrev, E Paulos, K Ryokai  
Designing Interactive Systems (DIS)  
Acceptance rate: 26%
- "I don't want to wear a screen": Probing Perceptions of and Possibilities for Dynamic Displays on Clothing**  
L Devendorf, J Lo, N Howell, J L Lee, N-W Gong, M E Karagozler, S Fukuhara, I Poupyrev, E Paulos, K Ryokai  
Human Factors in Computing Systems (CHI) - Best Paper Award  
The Best Paper Award is reserved for the top 1% of accepted papers.
- 2013 **On the  $L(2,1)$ -Labelings of Amalgamations of Graphs**  
S Spence Adams, N Howell, N Karst, D Sakai Troxell, J Zhu  
Discrete Applied Mathematics
- 2009 **Effect of Microbial Pretreatment on Enzymatic Hydrolysis and Fermentation of Cotton Stalks for Ethanol Production**  
J Shi, R R Sharma-Shivappa, M Chinn, N Howell  
Biomass and Bioenergy

## ▷ OTHER WRITINGS

- 2024 **PlayFutures: Imagining Civic Futures with AI and Puppets**  
S Pait, S Sharma, A Frith, M Nitsche, N Howell  
Position paper at workshop on Child-Centred AI Design, CHI 2024
- 2023 **Fast-Switching Spatial Thermal Display Using Water and Visible Lights**  
S Ichihashi, M Inami, N Howell  
Position paper at workshop Smell, Taste, and Temperature Interfaces, CHI
- 2022 **Comments in response to the Federal Trade Commission's Advance Notice of Proposed Rulemaking (ANPR) on a Trade Regulation Rule on Commercial Surveillance and Data Security**  
R Wong, W Hartsoe, N Howell  
Comment ID FTC-2022-0053-1100
- Children are the Future of Emotion AI**  
N Howell  
Position paper at workshop Age Against the Machine: Designing Ethical AI for and with Children, NordiCHI
- Years, Illness, Wildfires, Pandemic: Time and 'External Factors' in Design Ideation Processes**  
N Howell  
Position paper at workshop Time and Its Study in Design Ideation Processes, NordiCHI

**Exploring Architectural Inflatables and Emotion AI to Activate Affective Public Space**

N Howell

Position paper at workshop Workshop on Tangible Interaction for Wellbeing, CHI

2020 **Opacity as Stubborn, Resistant Uncertainty**

N Howell

Position paper at workshop Embracing Uncertainty in HCI, CHI

2019 **Heart Sounds as a Means of Giving Form to Critical Alternatives with Biosensory Data**

N Howell

Position paper at workshop Doing Things with Research through Design, CHI

2018 **Reconfiguring Desire & Data**

N Howell, G Niemeyer

Position paper at workshop Grand Visions for Post-Capitalist Human-Computer Interaction, CHI

2017 **Personal Reflection as Creative Practice in Collaboration with Biosensing Machines**

N Howell

Position paper at workshop Mixed-Initiative Creative Interfaces, CHI

2016 **Textiles as On-Body Interactive Surfaces**

N Howell

Position paper at workshop Digital Craftsmanship: HCI Takes on Technology as an Expressive Medium, DIS

**Representation and Interpretation of Biosensing**

N Howell

Position paper at DIS Doctoral Consortium

2015 **Connecting Two Oakland Neighborhoods: Surveillance and Self-Representation**

N Howell

Position paper at workshop Inviting Participation through IoT: Experiments and Performances in Public Spaces, Critical Alternatives

▷ ART EXHIBITIONS & PERFORMANCES

**Heart Sounds Bench**, 2022. *Georgia Tech Library Art Gallery*, Atlanta, US.

**Embodied Transductions**, 2022. *New Interfaces for Musical Expression* music and performances track.

**Infrastructural Membranes**, 2022. *Ferst Arts Center*, Atlanta, US.

**Feeling Air: A Psycho-Speculative Inflatable Happening**, 2021. *Black Mountain College Museum + Arts Center Annual Conference*, Asheville, US, with Shawn Protz and students at Georgia Tech and N.C. State University.

**Heart Sounds Buckets**, 2019. *Worth Ryder Art Gallery*, Berkeley, US, with Stephanie Tang, Kimiko Ryokai.

**Salaam Participatory Peace Sculpture**, 2018. *Figment Arts Festival*, Oakland, US, with Stan Clark, Sahil Mohan.

**Ebb Color-Changing Fabric**, 2018. *Tech Museum of the Center for Information Technology Research in the Interest of Society*, Berkeley, US, with Laura Devendorf et al.

**Salaam Participatory Peace Sculpture**, 2017. *Islamophobia Conference*, Berkeley, US, with Stan Clark, Sahil Mohan.

## ▷ GRANTS & AWARDS

2023	PI	\$5K	FuturesAtlanta: Creative Engagement with Generative AI Art as a Method for Designing Local Community Futures with Children in Atlanta Atlanta Interdisciplinary AI Network
	PI	\$10K	High-Resolution, Fast-Switching, Non-Contact Thermal Interfaces Ralph E. Powe Junior Faculty Enhancement Award
	PI	\$6K	Novel Thermal Interfaces Georgia Institute of Technology COVID Faculty Relief Fund
	PI	\$4.7K	Towards Ethical, Inclusive Emotion AI Futures Georgia Institute of Technology Small Grant for Research
2022	PI	\$8.8K	PREMIER: Performance Residencies in Electronic Music for Interdisciplinary Education Research Georgia Institute of Technology GVU/IPaT Community Engagement Grant with Co-PI Alex Cohen
	Co-PI	\$50K	Computational Craft Community Team Building Georgia Institute of Technology Provost Funding with PI Anne Sullivan, Co-PIs Vernelle Noel, Michael Nitsche, Sabetta Matsumoto
	PI	\$5K	Exploring the Promise and Peril of Emotion AI Georgia Institute of Technology Small Grant for Research
	PI	\$6.5K	Emotion AI - Novel Facial Recognition Tech that Predicts Emotions - Investigating Sociotechnical Implications of Emotion AI Georgia Institute of Technology COVID Faculty Relief Fund
2021	PI	\$10K	Engaging Diverse Students and Public Audiences with TensorFlow Emotion ML and Inflatable Architectural Immersive Environments with Co-PI Shawn Protz Google TensorFlow Faculty Award
2020	Co-PI*	\$4K	An Alternate Lexicon for AI with collaborators Noopur Raval and Co-PI Morgan Ames Berkeley Center for Technology, Society, & Policy and Algorithmic Fairness & Opacity Group
2019	PI*	\$25K	Speculating ‘Smart City’ Cybersecurity with the Heart Sounds Bench: Détourning Data and Surveillance in Public Space with mentor Kimiko Ryokai Berkeley Center for Long Term Cybersecurity
	Co-PI*	\$5K	Engaging Expert Stakeholders about the Future of Menstrual Biosensing Technology with collaborators Sarah Fox, Richmond Wong, and Franchesca Spektor Berkeley Center for Technology, Society, & Policy and Center for Long Term Cybersecurity
	PI*	\$1.5K	The Heart Sounds Bench with mentee Stephanie Tang Berkeley New Media Undergraduate Research Mentorship Award

2018	PI*	\$4K	Re-Centering the Body in Technological Utopias with mentee Franchesca Spektor and mentor John Chuang Berkeley Tech for Social Good
	PI*	\$2K	BaBench: Exploring Speculative Futures for Biosensing in Public Space Berkeley Jacobs Innovation Center
	PI*	-	Berkeley Arts Research Center Fellowship with mentor Greg Niemeyer
	Co-PI*	\$5K	Menstrual Biosensing Survival Guide with collaborators Richmond Wong and Sarah Fox Berkeley Center for Technology, Society, & Policy and Center for Long Term Cybersecurity
	PI*	\$1.5K	The Heart Sounds Bench with mentee Victor Iancu Berkeley New Media Undergraduate Research Mentorship Award
	PI*	-	Feeler Crawler Octopoets with mentee Wenny Miao and mentor Greg Niemeyer Berkeley New Media Summer Research Award
	PI*	\$4K	Berkeley Graduate Division Summer Grant
2017	-	-	Berkeley Outstanding Student Instructor Award
2014		\$21K	Berkeley Cota Robles Fellowship

\*As a PhD student at the time, I could not officially PI grants, but I planned the research, wrote the grant proposals, decided how to allocate funds, did the research, and wrote the research publications. These grants came out of my research agenda, while faculty mentors signed off and gave high level advice.

## ▷ TEACHING

### Computer as Expressive Medium

Lead instructor, Georgia Tech, 2022. Creative coding in p5.js for interactive media art, plus critical analysis of digital art.

### Principles of Interaction Design

Lead instructor, Georgia Tech, 2022-3. Designing and evaluating screen-based interfaces. Contextual inquiry, task analysis, accessibility audit, heuristic evaluations.

### Critical Making with Emotion AI

Lead instructor, Georgia Tech, 2021. Designing and building interactive art installations that use emotion AI to analyze facial imagery to classify emotion, to prompt critical reflect on social impacts of emotion AI.

### Creative Programming & Electronics

Teaching assistant, UC Berkeley, 2018. Hands-on Arduino, p5.js, circuits, and soldering.

### Biosensing Technologies in Everyday Life

Lead instructor, NC State University, 2021. Readings, discussion, and student-driven projects on sociotechnical implications of biosensing technologies such as algorithmic oppression, surveillance, and emotional biosensing.

### Critical Making & Design Futuring

Lead instructor, NC State University, 2020, 2021. Readings, discussion, and student-driven design futuring projects on topics such as algorithmic oppression, facial recognition, biometric surveillance, content moderation, etc.

### Theory & Practice of Tangible User Interfaces

Teaching assistant, UC Berkeley, 2016, 2017, 2018. Curriculum development, leading labs on embodied interaction, design theory, Arduino, circuits, soldering. Design critique and project mentorship.

### **Creative Code Immersive**

Teaching assistant, Gray Area Foundation for the Arts, 2014.  
Night class for artists. Arduino, Processing, circuits, and JavaScript.

### **Deconstructing Data Science**

Teaching assistant, UC Berkeley, 2016. Machine learning methods with critical social analysis of assumptions and bias embedded in algorithms and how these can reinforce inequality. Python tutoring, project advising.

## **▷ ACADEMIC SERVICE**

### **Track Chair**

- 2025 Designing Interactive Systems (DIS) Pictorials
- 2023 Designing Interactive Systems (DIS) Workshops

### **Subcommittee Chair**

- 2025 Human Factors in Computing Systems (CHI) Papers - Design Subcommittee

### **Associate Chair**

- 2022-24 Human Factors in Computing Systems (CHI)
- 2019-24 Designing Interactive Systems (DIS)
- 2023 Tangible, Embedded, and Embodied Interaction (TEI)
- 2023 Academic Mindtrek Papers

### **Reviewer**

- 2024 NordiCHI (Nordic Conference on Computer-Human Interaction)
- 2017-23 Designing Interactive Systems (DIS)
- 2016-22 Human Factors in Computing Systems (CHI)
- 2021-22 Transactions on Human-Computer Interaction (ToCHI)
- 2018-22 Tangible Embedded Embodied Interactions (TEI)
- 2018-22 NordiCHI
- 2022 India HCI
- 2019-21 Computer-Supported Cooperative Work and Social Computing (CSCW)
- 2021 National Science Foundation of the US (NSF)
- 2021 Journal of Textile Design Research and Practice
- 2020 ACM Group
- 2017 Design Issues

### **University Committees**

- 2023-26 Institute Graduate Curriculum Committee, Georgia Tech
- 2023-24 Undergraduate Curriculum Committee, Computational Media Program, Georgia Tech
- 2023-24 Community Committee, Georgia Tech Dept. of Digital Media
- 2022-23 Executive Committee, Georgia Tech School of Literature, Media, & Communication
- 2020-21 Grants Committee, NC State Dept. of Communication
- 2020-21 Peer Teaching Evaluations Standards & Scheduling, NC State Dept. of Communication
- 2019 Office Redesign Committee, UC Berkeley School of Information
- 2015-16 PhD Student Representative to the Faculty, UC Berkeley School of Information

## **▷ WORK EXPERIENCE & INDUSTRY COLLABORATIONS**

### **North Carolina State University**

Assistant professor, Communication Dept., 2020 - 2021

### **Google ATAP Project Jacquard**

Research collaborator, e-textile data display, 2016



#### Intel Labs

Software developer for Galileo IoT programming kit UI design and code, multi client sync protocol, 2014

#### The Echo Nest & SiriusXM

Software developer. Data viz, full stack web, dashboard, parallelization for SiriusXM, 2012 - 2013

#### Augmented Human Lab

Visiting researcher with Suranga Nanayakkara at Singapore University of Technology & Design, 2017

#### Army Corps of Engineers

Parallelized 10K+ line FORTRAN model with OpenMP, 2007

### ▷ INVITED TALKS, PANELS, & WORKSHOPS

Panelist for **The Role of Generative AI in Teaching and Research in LMC**. Panel organizers Jay Bolter and Yeqing Kong. Additional panelists Richmond Wong, Ida Yoshinaga, Brian Magerko, Zita Hüsing, Mark Leibert, Andrew Nance. Georgia Tech, Atlanta, US, 2024.

**Critical AI Literacy for Children with Schools in India, Finland, and the USA**. Grace Hopper Conference for Women in Computing. With Co-Presenter Sumita Sharma. Orlando, FL, US, 2023.

**Emotion AI and Fabulation: Seeking Biopolitical Futures of Respectful Care**. Guest lecture and workshop facilitator in the course Biosensory Computing in the School of Information at UC Berkeley, course instructor John Chuang. 2023.

**Emotion AI and Fabulation: Seeking Biopolitical Futures of Respectful Care**. Keynote speaker at workshop by Nordic Fabulation Network. Umeå, Sweden, 2023.

**Introduction to Collaborative Autoethnography**, Querying Experience workshop, Novel Interfaces for Musical Expression (NIME) conference. Online and in Mexico City, 2023

Workshop on **ChatGPT, ethics, and education for K12 teachers**. GoSTEAM conference, CEISMC, Georgia Tech, Atlanta, US, 2023. With Sumita Sharma.

Talk on **using STEM for enacting ethical change** with Finland high school students. Online to Oulu, Finland, 2023

Panelist for **Full Radius Dance** film screening of *Extension of Self: a dance between human and digital*. Georgia Tech University, 2023

Respondent for Jennifer Robertson's talk **Emotional Robots and Digital Hormones: Japanese Perspectives on Human-Robot Coexistence**, part of the talk series Emerging Technologies and the Future of the Humanities. Emory University, US, 2023

**Toward an Affirmative Biopolitics: Reimagining Biodata with Feeling and Fabulation**. Invited talk with Women in Music Technology. Georgia Tech, US, 2023

Panel facilitator for **Artists-in-Residence Panel** for artists of PREMIER, Media Arts, and Library Artists-in-Residence programs. Georgia Tech, US, 2023

**Exploring Emotion AI Ethics by Designing Tangible, Embodied, Social, Emotional Experiences with Biodata**. Ethics & Coffee talk series. Georgia Tech, US, 2023

Speaker at Meet the Artists: Reception for Georgia Tech **Artists-in-Residence of PREMIER, Media Arts, and Library Artists-in-Residence** programs. Georgia Tech, US, 2023

Panel facilitator for **IPaT Tuesday Think Tank on Artist Residencies**. Georgia Tech, US, 2022

**Design Futuring**. Leading a two-day invited workshop at University of Oulu, Finland, 2022

**Towards an Affirmative Biopolitics: Reimagining Biodata with Feeling and Fabulation.** Invited lecture at Aalto University, as part of the Critical AI & Crisis Interrogatives Seminar. Aalto University, Finland, 2022

**Women in AI Finland** invited talk with middle schoolers on AI and AI careers. International School in Oulu, Finland, 2022

**Radio interview with NPR City Lights with Lois Reitzes, with Birney Robert,** about the Heart Sounds Bench (my work) being in the exhibit *Extension of Self* (curated by Birney Robert), 2022

**Community Conversation: Impact, Arts, and Technology.** Invited panelist alongside Gabriel Kahane and Felipe Barral. Hosted by the Atlanta Opera and Georgia Tech Arts. Atlanta, US, 2022

**Designing for Emotional Meaning-Making with Data.** Invited lecture at The Scholars' Lab, University of Virginia, US, 2022

**Exploring the Promise and Peril of Emotion AI, Designing for Emotional Meaning-Making with Data, and Imagining an Affirmative Biopolitics with Data.** Invited lecture at the GVV Seminar Series, Georgia Tech, US, 2021

**Designing for Emotional Meaning-Making with Data: Imagining an Affirmative Biopolitics.** Invited lecture at the Coffee & Viz Research Exchange, North Carolina State University, US, 2021

**Beyond Big Tech: Careers in Social Impact, Tech for Good, and Research.** Panelist, UC Berkeley, 2021

**Diversity Admissions Panel,** UC Berkeley, 2020

**Reimagining Cybersecurity through the Design of the Heart Sounds Bench,** talk at Center for Long-Term Cybersecurity Research Exchange, Berkeley, US, 2019

**Emotional Biosensing,** talk at InfoCamp Conference, Berkeley, US, 2019

**Emotional Biosensing,** talk at Bay Area Signal Hackers, Pandora, Oakland, US, 2019

**A Case Study of Emotional Biosensing: Tensions of Data-Driven Reflection,** for the Society for the Social Studies of Science (4S), Boston, US, 2017

**Design Thinking: From Idea to Innovation,** workshop facilitator for tech industry executives with the Augmented Human Lab, Colombo, Sri Lanka, 2017

**Emotional Biosensing,** guest lecture for the class *Mind-Reading and Telepathy for Beginners and Intermediates* at UC Berkeley, 2017

**Machine Learning Introduction,** guest lecture for the class *City Planning 101* at UC Berkeley, 2017

**Information vs. Interaction: A Case Study of Affective Computing,** lecture for the class *Deconstructing Data Science* at UC Berkeley, 2016

**Rethinking Data with Emotion and Materiality,** guest lecture for the class *Sensors, Humans, Data, Apps* at UC Berkeley, 2016

**Rethinking Data with Emotion and Materiality,** lecture for the class *Tangible User Interfaces* at UC Berkeley, 2016