

Emily Wall, Ph.D.

My research involves decision making using data visualizations and visual analytics. I develop computational strategies to characterize human limitations in decision making (e.g., cognitive bias) and design interventions to promote reflective data analysis and decision making processes. I am an Assistant Professor in the Computer Science Department at Emory University. I completed my Ph.D. in Computer Science at Georgia Tech in 2020 and was a postdoctoral researcher at Northwestern University 2020-2021.



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edu



@profembwall



Google Scholar



LinkedIn



Math & Science



Center W302E

[https://emilywall.pr
of](https://emilywall.pr
of)



PDF of CV (last
updated: 2024-04-
04)

Appointments

2021-

Assistant Professor

[Department of Computer Science](#)
[\(Affiliate\) Center for Data Science](#)
[Emory University](#)

2020-
2021

Postdoctoral Researcher

[Department of Computer Science](#)
[Northwestern University](#)

Education

2020

Ph.D. in Computer Science

[Georgia Institute of Technology](#)

Thesis: Detecting and Mitigating Human Bias in Visual
Analytics

Committee: [Alex Endert](#), [John Stasko](#), [Polo Chau](#), [Brian
Fisher](#), [Wenwen Dou](#)

2015

B.S. in Computer Science & Mathematics

[University of Georgia](#)

summa cum laude

Honors & Awards

2023	Arts and Social Justice , Fellow
2020	VGTC Best Dissertation , Honorable Mention
2019	GVU Foley Scholar , Recipient, Georgia Institute of Technology
2019	D.E. Shaw Exploration Fellowship , Recipient
2019-2020	Siemens FutureMaker Fellowship , Recipient
2018	GVU Foley Scholar , Finalist, Georgia Institute of Technology
2017	Graduate Student Symposium , Participant, AT&T Labs
2017	Doctoral Colloquium , Participant, IEEE VIS
2017-2020	Graduate Fellowship for STEM Diversity (GFSD) , Recipient
2017	NSF Graduate Research Fellowship Program , Honorable Mention
2017	Department of Defense SMART Fellowship , Recipient (Declined)
2015-2019	President's Fellowship , Recipient, Georgia Institute of Technology

Publications

Journal Articles

Unmasking Dunning-Kruger Effect in Visual Reasoning & Judgment
M. Chen, Y. Liu, and E. Wall
IEEE Transactions on Visualization and Computer Graphics (Proc. VIS'24), 2024.
[PDF](#)

Belief Decay or Persistence? A Mixed-Method Study on Belief Movement Over Time
S. Gupta, A. Karduni, and E. Wall
Computer Graphics Forum (Proc. EuroVis'23), 2023.
[PDF](#) | [Talk](#) | [Video FF](#)

A Qualitative Interview Study of Distributed Tracing Visualisation: A Characterisation of Challenges and Opportunities
T. Davidson, E. Wall, and J. Mace
IEEE Transactions on Visualization and Computer Graphics (Proc. VIS'23), 2023.
[PDF](#)

🏆 (Best Paper, runner up) VisHiker's Guide to Evaluation: Competing

Considerations in Study Design

E. Wall, C. Xiong, and Y-S. Kim

IEEE Computer Graphics and Applications, 2022.

 [PDF](#)

VIBE: A Design Space for Visual Belief Elicitation in Data Journalism

S. Mahajan, B. Chen, A. Karduni, Y-S. Kim, and E. Wall

Computer Graphics Forum (Proc. EuroVis'22), 2022.

 [PDF](#) |  [Slides](#)

Left, Right, and Gender: Exploring Interaction Traces to Mitigate Human Biases

E. Wall, A. Narechania, A. Coscia, J. Paden, and A. Endert

IEEE Transactions on Visualization and Computer Graphics (Proc. VIS'21), 2021.

 [PDF](#) |  [Talk](#) |  [Video](#) |  [Video FF](#)

Lumos: Increasing Awareness of Analytic Behavior during Visual Data Analysis

A. Narechania, A. Coscia, E. Wall, and A. Endert

IEEE Transactions on Visualization and Computer Graphics (Proc. VIS'21), 2021.

 [PDF](#) |  [System & Code](#) |  [Talk](#) |  [Video](#) |  [Video FF](#)

VitaLITY: Promoting Serendipitous Discovery of Academic Literature with Transformers & Visual Analytics

A. Narechania, A. Karduni, R. Wesslen, and E. Wall

IEEE Transactions on Visualization and Computer Graphics (Proc. VIS'21), 2021.

 [PDF](#) |  [System & Code](#) |  [Talk](#) |  [Video](#) |  [Video FF](#)

A Heuristic Approach to Value-Driven Evaluation of Visualizations

E. Wall, M. Agnihotri, L. Matzen, K. Divis, M. Haass, A. Endert, and J.

Stasko

IEEE Transactions on Visualization and Computer Graphics (Proc. InfoVis'18), 2019.

 [PDF](#) |  [Talk](#) |  [Website](#) |  [Video FF](#)

Podium: Ranking Data Using Mixed-Initiative Visual Analytics

E. Wall, S. Das, R. Chawla, B. Kalidindi, E. Brown, and A. Endert

IEEE Transactions on Visualization and Computer Graphics (Proc. VAST'17), 2018.

 [PDF](#) |  [Talk](#) |  [Video](#) |  [Video FF](#) |  [Demo](#)

AxiSketcher: Interactive Nonlinear Axis Mapping of Visualizations through User Drawings

B.C. Kwon, H. Kim, E. Wall, J. Choo, H. Park, and A. Endert

IEEE Transactions on Visualization and Computer Graphics (Proc.

Conference Proceedings

Exploring the Capability of LLMs in Performing Low-Level Visual Analytic Tasks on SVG Data Visualizations

Z. Xu and E. Wall

IEEE Information Visualization (VIS) Short Papers, 2024.

 PDF

Trust Junk and Evil Knobs: Calibrating Trust in AI Visualization

E. Wall, L. Matzen, M. El-Assady, P. Masters, H. Hosseinpour, A. Endert, R. Borgo, P. Chau, A. Perer, H. Schupp, H. Strobel, and L. Padilla

IEEE Pacific Visualization Conference, 2024.

 PDF

Let's Get Vysical: Perceptual Accuracy in Visual & Tactile Encodings

Z. Xu, K. Williams, and E. Wall

IEEE Information Visualization (VIS) Short Papers, 2023.

 PDF |  Supplemental |  Talk |  Video FF

Toward a Design Space for Mitigating Cognitive Bias in Vis

E. Wall, J. Stasko, and A. Endert

IEEE Information Visualization (VIS) Short Papers, 2019.

 PDF |  Supplemental |  Talk |  Video FF

A Markov Model of Users' Interactive Behavior in Scatterplots

E. Wall, A. Arcalgud, K. Gupta, and A. Jo

IEEE Information Visualization (VIS) Short Papers, 2019.

 PDF |  Talk |  Video FF

A Formative Study of Interactive Bias Metrics in Visual Analytics Using Anchoring Bias

E. Wall, L. Blaha, C. Paul, and A. Endert

Proceedings of the 17th IFIP TC 13 International Conference on Human-Computer Interaction (INTERACT'19), 2019.

 PDF |  Video

Using Expert Patterns in Assisted Interactive Machine Learning: A Study in Machine Teaching

E. Wall, S. Ghorashi, and G. Ramos

Proceedings of the 17th IFIP TC 13 International Conference on Human-Computer Interaction (INTERACT'19), 2019.

 PDF |  Video

Warning, Bias May Occur: A Proposed Approach to Detecting

Cognitive Bias in Interactive Visual Analytics

E. Wall, L. Blaha, L. Franklin, and A. Endert

IEEE Visual Analytics Science and Technology (VAST), 2017.

[!\[\]\(e2376d476d06eb31946dc01a69a4403a_img.jpg\) PDF](#) | [!\[\]\(bbb3388d591ef640dd8a8c4262f2866a_img.jpg\) Talk](#) | [!\[\]\(ef6e697e79b33cfafe8ba6744dc11bd6_img.jpg\) Video](#) | [!\[\]\(36a26e5b369c5d231b75de2efc184e39_img.jpg\) Video FF](#)

Supporting Team-First Visual Analytics through Group Activity Representations

S.K. Badam, Z. Zeng, E. Wall, A. Endert, and N. Elmqvist

Graphics Interface, 2017.

[!\[\]\(0b5e7e25e8775f7e7e80906ada4f0021_img.jpg\) PDF](#) | [!\[\]\(740312fd467f47b04cab841ab3868d83_img.jpg\) Video](#)

Refereed Workshop Papers

Visualization and Automation in Data Science: Exploring the Paradox of Humans-in-the-Loop

J. Rogers, M. Anastacio, J. Bernard, M. Chakhchoukh, R. Faust, A. Kerren, S. Koch, L. Kotthoff, C. Turkay, and E. Wall

Workshop on Visualization in Data Science (VDS, at VIS'24), 2024.

[!\[\]\(0fb13ad0bfa3d86868cdd3883e5665b3_img.jpg\) PDF](#)

VITALITY 2: Reviewing Academic Literature Using Large Language Models

H. An, A. Narechania, E. Wall, and K. Xu

Workshop on Natural Language and Visualization (NLVIZ, at VIS'24), 2024.

[!\[\]\(e50091943b385fe16d3277389202856f_img.jpg\) PDF](#)

Visual Salience to Mitigate Gender Bias in Recommendation Letters

Y. Da, M. Chen, B. Altschuler, Y. Bu, and E. Wall

Workshop on Visualization for Social Good (VIS4Good, at VIS'23), 2023.

[!\[\]\(e119fc79c8f448683d20ba4c873025a2_img.jpg\) PDF](#) | [!\[\]\(80c84d616db6940097dc4a95f6a78636_img.jpg\) Supplemental](#) | [!\[\]\(eed2983d93af5f80b80b6aed158b2294_img.jpg\) Talk](#)

Perception of Skill in Visual Problem Solving: An Analysis of Interactive Behaviors, Personality Traits, and the Dunning-Kruger Effect

M. Chen and E. Wall

Workshop on TRust and EXpertise in Visual Analytics (TREX, at VIS'22), 2022.

[!\[\]\(fb9e809951d718d0a8038dca8a708d54_img.jpg\) PDF](#)

COVID-19 Health Equity Dashboard - Addressing Vulnerable Populations

S. Liu, E. Wall, S. Patel, and Y. Park

Visualization for Communication (VisComm, at VIS'20), 2020.

[!\[\]\(d28209ff6e28188fea111756512e918d_img.jpg\) PDF](#)

Four Perspectives on Human Bias in Visual Analytics

E. Wall, L. Blaha, C. Paul, K. Cook, and A. Endert

DECISive: Workshop on Dealing with Cognitive Biases in Visualizations (at InfoVis'17), 2017.



Book Chapters

Four Perspectives on Human Bias in Visual Analytics

E. Wall, L. Blaha, C. Paul, K. Cook, and A. Endert

Cognitive Biases in Visualizations, Ed. G. Ellis, Springer, 2018, Chapter 3, pp. 29-42.



Theses

Detecting and Mitigating Human Bias in Visual Analytics

Emily Wall

Georgia Tech, School of Interactive Computing Ph.D. Thesis. April 2020.



Grants & Funding

Research

2024-
2029 [Promoting Metacognition in Visual Analytics](#)
[NSF CAREER Award](#)

Role: PI

Funded: \$643,965 (Emory)

2023-
2027 [Advancing Visualization Decision Support through Mitigating Confirmation Bias](#)

[NSF IIS-HCC](#)

Role: PI

Co-PI: [Dr. Cindy Xiong](#)

Funded: \$683,097 (Emory) / \$1,198,084 (total)

2023-
2026 [Toward Interventions For Equitable University Admissions With Visual Analytics](#)

[Emory Office of Provost: Racial Justice/Racial Equity](#)

Role: PI

Co-PI: [Dr. Wesley Longhofer](#) Funded: \$148,850

2023-
2024 [Developing Behavior Change Interventions for Responsible Data Science](#)

[Emory University Research Committee](#)

Role: PI

Funded: \$30,000

2023-2024	<p>Developing an Immersive Cognitive Task for Expanding the Assessment of Memory in Pediatrics</p> <p><u>Pediatric Research Alliance Pilot Grant</u></p> <p>Role: Co-I</p> <p>Co-PIs: <u>Dr. Daniel Drane</u>, <u>Dr. Ammar Kheder</u>, <u>Noah Okada</u>, <u>Dr. Joshua Chern</u>, and <u>Dr. Donald Bearden</u></p> <p>Funded: \$50,000</p>
2022-2023	<p>A Novel Web-based Decision Aid Tool for Reducing COVID-19 Vaccine Hesitancy</p> <p><u>HealthCare Innovation Seed Grant</u></p> <p>Role: Co-I</p> <p>Co-PIs: <u>Dr. Ambar Kulshreshtha</u>, <u>Dr. Shivani Patel</u>, <u>Dr. Piyush Kumar</u></p> <p>Funded: \$24,995</p>

Other

2024-2025	<p><u>Student Travel Support for the Doctoral Colloquium at IEEE Visualization (IEEE VIS) 2024</u></p> <p>NSF IIS Travel Award</p> <p>Role: PI</p> <p>Funded: \$25,000</p>
2023 Spring	<p><u>Scholarly Writing And Publishing (SWAP) Fund Award</u></p> <p>Emory University</p> <p>Funded: \$2,250</p> <p>Purpose: hire editor to assist with NSF CAREER proposal writing</p>
2023 Spring	<p>Pedagogy Mini Grant</p> <p>Human-Computer Interaction (CS 485/584), Emory University</p> <p>Funded: \$350</p> <p>Purpose: purchase Google cardboard for a virtual reality design module</p>
2022 Fall	<p>Pedagogy Mini Grant</p> <p>Information Visualization (CS 485/584), Emory University</p> <p>Funded: \$350</p> <p>Purpose: fund user study incentives for course projects that are pursuing publication</p>

Teaching

Instructor

Spring 2024	<p>Human-Computer Interaction (CS 485 / 584) (29 students)</p> <p>Emory University</p>
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Fall 2023	Information Visualization (CS 441 / 541) (36 students) Part of the Arts & Social Justice Program Emory University
Spring 2023	Human-Computer Interaction (CS 485 / 584) (34 students) Emory University
Fall 2022	Information Visualization (CS 485 / 584) (41 students) Emory University
Spring 2022	Human-Computer Interaction (CS 485 / 584) (40 students) Emory University
Fall 2021	Information Visualization (CS 485 / 584) (26 students) Emory University

Guest Lecturer

Mar 2024	Information Visualization Environmental Health Seminar: Impact Evaluation of Global and Environmental Health Programs and Projects (EH 590R), Emory University
Oct 2023	Visual Analytics Human-AI Interaction (CS 485/585), Emory University
Feb 2023	Accessibility and Universal Design in HCI Affordable and Sustainable Healthcare Technologies (BMI 585), Emory University
Nov 2022	Bias in Data-Driven Decision Making: Perception, Cognition, and Metacognition Introduction to Information Visualization (CS 4460), Georgia Institute of Technology
Oct 2021	Visual Analytics Data Visualization (CompSci 765), University of Wisconsin
Feb 2019	Introduction to Javascript Introduction to Information Visualization (CS 4460), Georgia Institute of Technology
Dec 2017	Cognition in Visualization Information Visualization (CS 7450), Georgia Institute of Technology
Nov 2017	Visual Analytics Information Visualization (CS 7450), Georgia Institute of Technology
Jun 2017	Visualization Design: Do's and Don'ts Introduction to Information Visualization (CS 4460), Georgia Institute of Technology

Presentations

Invited Talks

Cognition & Visualization @ Emory: A Visualization Viewpoint on Mitigating Metacognitive Deficits

> *March 2024.* [Scientific Computing and Imaging \(SCI\) Institute at University of Utah.](#)

> *September 2022.* [Emory SON Center for Data Science.](#)

> *September 2022.* [ATLAS Institute at University of Colorado - Boulder.](#)

Good and Bad Biases in Innovation, Decision Making, and Beyond

> *November 2023.* [Emory Center for Mind, Brain, and Culture.](#)

Bias in Visualization: Considering Equity through Research

> *November 2021.* Object Perception, visual Attention, and visual Memory (OPAM) conference. [📺 Watch](#)

As We Are: Detecting and Mitigating Human Bias in Visual Analytics

> *April 2021.* University of Utah, Data Science Seminar. Virtual Seminar.

> *October 2020.* Pacific Northwest National Laboratory. Virtual Brown Bag.

> *September 2020.* Emory University. Atlanta, GA. [📺 Abstract](#)

> *May 2020.* CMU & AFRL, Center for Excellence on Human-Machine Teaming. Virtual Brown Bag.

> *May 2020.* Siemens. Virtual Brown Bag.

> *March 2020.* Cornell University, Info Science Colloquium. Ithaca, NY. [📺 Abstract](#)

> *February 2020.* University of Washington, Allen School Colloquium. Seattle, WA. [📺 Watch](#)

> *February 2020.* Emory University. Atlanta, GA. [📺 Abstract](#)

> *February 2020.* New York University. New York, NY. [📺 Abstract](#)

> *February 2020.* University of Wisconsin. Madison, WI.

Left, Right, and Gender: Mitigating Implicit Human Bias in Visual Analytics

> *January 2020.* Georgia Institute of Technology, GVU Brown Bag. Atlanta, GA. [📺 Watch](#)

The Interactive Analytics Library: Treating Interaction as Data

> *May 2017.* Pacific Northwest National Laboratory. Richland, WA.

Other Posters and Demonstrations

Warning, Bias May Occur: Detecting and Mitigating Cognitive Bias in Visual Analytics (Poster & Demo)

> *October 2019.* Georgia Institute of Technology, GVU Demo Showcase. Atlanta, GA.

> *June 2019.* Summer Institute on Bounded Rationality. Berlin,

Germany.

> *April 2019*. Georgia Institute of Technology, GVU Demo Showcase.
Atlanta, GA.

**Warning, Bias May Occur: A Proposed Approach to Detecting
Cognitive Bias in Interactive Visual Analytics (Demo)**

> *April 2018*. CRA-W Grad Cohort. San Francisco, CA.

> *April 2018*. Georgia Institute of Technology, GVU Demo Showcase.
Atlanta, GA.

> *April 2017*. Georgia Institute of Technology, GVU Demo Showcase.
Atlanta, GA.

**Podium: Ranking Data Using Mixed-Initiative Visual Analytics
(Poster & Demo)**

> *April 2018*. Georgia Institute of Technology, GVU Demo Showcase.
Atlanta, GA.

> *April 2017*. Georgia Institute of Technology, GVU Demo Showcase.
Atlanta, GA.

> *April 2018*. CRA-W Grad Cohort. San Diego, CA.

> *April 2016*. Georgia Institute of Technology, GVU Demo Showcase.
Atlanta, GA.

Students

Graduate Advisees

- | | |
|-------|---|
| 2019- | Yanan Da
Ph.D. Computer Science and Informatics, Emory University |
| 2019- | Ziwei Dong
Ph.D. Computer Science and Informatics, Emory University |
| 2019- | Shrey Gupta (co-advised w/ Avani Wildani)
Ph.D. Computer Science and Informatics, Emory University |
| 2021- | Shiyao Li
Ph.D. Computer Science and Informatics, Emory University |
| 2022- | Mengyu (Bonnie) Chen
Ph.D. Computer Science and Informatics, Emory University |
| 2023- | Thomas Davidson
Ph.D. Computer Science and Informatics, Emory University |

Undergraduate Honors Thesis Advisees

- | | |
|------|---|
| 2024 | Tommy Skodje
Thesis: An Eye-Tracking Toolkit for Evaluating Memory in
Epilepsy Patients
B.S. Honors Computer Science, Emory University (after
Emory: M.S. student) |
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Thesis Committee (Undergraduate)

2024	Yijun Liu Thesis: CodeCuddle: Automating Inclusive Web Design with Large Language Model B.S. High Honors Computer Science, Emory University
2024	Cole Smith Thesis: Urinary RNA Biomarkers in Extracellular Vesicles from Post-DRE Urine to Predict Aggressive Prostate Cancer B.S. Highest Honors Chemistry, Minor Computer Science, Emory University
2023	Elijah Chou Thesis: Measuring creativity in computer programming: A code distance approach B.S. Highest Honors Computer Science, Emory University (after Emory: M.S. student, Emory)
2023	Chen Gong Thesis: Evaluating Speaker Diarization in Transcripts: A Text-based Approach with the TDER Metric and the TranscribeView System B.S. Highest Honors Computer Science, Emory University (after Emory: M.S. student)
2023	Alexandra Li Thesis: Signaface: Face Generation for SSL/TLS Certificate Change Detection B.S. Highest Honors Computer Science, Emory University (after Emory: Ph.D. student, CMU)
2023	Noah Okada Thesis: Development of Immersive Cognitive Tasks for Use in Human Memory Research B.S. Highest Honors Computer Science and Neuroscience, Emory University (after Emory: Ph.D. student, CalTech)
2023	Peyton Robertson Thesis: Vulnerability Detection: A Machine Learning Approach to Identifying Security Vulnerabilities In Code B.S. Honors Computer Science, Emory University (after Emory: Cybersecurity Engineer, Microsoft)
2023	Sierra Talbert Thesis: Human.exe: Generating Critical Theories of Humanity in Human-Computer Interaction B.S. Highest Honors Women, Gender, and Sexuality Studies and Computer Science, Emory University (after Emory: Ph.D. student, UCLA)
2023	Kevin Wu Thesis: CONSchema: Schema matching with semantics and constraints B.S. Honors Computer Science, Emory University (after Emory: Software Engineer, Capital One)

- 2023 **Ruby Wu**
Thesis: ClusT: Interactive Visualization Tool for Deep Constrained Clustering on Tweets
B.S. Honors Computer Science, Emory University (after Emory: M.S. student, CMU)
- 2023 **Zach Zaiman**
Thesis: AudioStrike: Acoustic Identification of Keystrokes to Enhance End-to-End Session Integrity
B.S. Highest Honors Computer Science, Emory University (after Emory: Software Engineer, Microsoft)
- 2022 **Christina Chance**
Thesis: Accuracy of African American Vernacular English for Closed Captioning on Zoom
B.S. Honors Computer Science, Emory University (after Emory: Ph.D. student, UCLA)
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Mentoring

- 2023- **Audrey Bu**, B.S. Quantitative Sciences (Sociology Track) & Mathematics, Emory University, Class of 2025
Measuring gender and racial biases in university admissions
- 2022- **Yijun Liu**, B.S. Quantitative Sciences, Emory University, Class of 2024
Detecting Dunning-Kruger Effect in data visualization
- 2022- **Zhongzheng Xu**, B.S. Computer Science, Emory University, Class of 2023 (after Emory: M.S. student, Brown)
Visual and tangible data accessibility
- 2021- **Randy Truong**, B.S. Computer Science and Quantitative Sciences, Emory University, Class of 2023 (*after Emory: Pacific Northwest National Laboratory*)
Eliciting affective response using visualization and sonification
- 2021- **Zhou (Serena) Fang**, B.S. Quantitative Sciences, Emory University, Class of 2022 (*after Emory: M.S. Biomedical Informatics, Harvard*)
Incorporating topic modeling in a visual analytic system for conducting literature reviews
- 2021- **Yiping (Jessie) Liang**, B.S. Computer Science and Applied Math, Emory University, Class of 2022
Conducting user study and evaluation for assessing impact of data representation on confirmation bias
- 2020- **Star Liu**, B.S. Quantitative Sciences, Emory University, Class of 2021
Developed system for [visualizing health inequities](#) during the COVID-19 pandemic, first author of case study on [COVID-19 Health Equity Dashboard](#)

Service

Professional Service

- 2024 **Associate Editor**
[Journal of Visualization and Interaction \(JoVI\)](#)
- 2021-
2024 **Organizing Committee**
Doctoral Colloquium Chair, [VIS 2024](#)
Elections Chair, [VIS 2021-2023](#)
- > **Program Committee Member**
ACM FAccT, 2023
IEEE VIS, 2021-2023
BELIV Workshop on "*Designing and Evaluating
Visualizations for an Ethical, Inclusive, and Responsible
Future*", 2022
EuroVis, 2022, 2024
ACM CHI, 2022, 2024
Vis4Good Workshop at IEEE VIS, 2021
IEEE VIS Short Papers, 2020
VISxAI Workshop at IEEE VIS, 2019
CHI Late Breaking Work, 2018
- > **Organizer**
[Visualization for Social Good Workshop at IEEE VIS 2023](#)
[Visualization for Social Good Workshop at IEEE VIS 2022](#)
[TRust and EXpertise in Visual Analytics \(TREX\) Workshop
at IEEE VIS 2021](#)
[TRust and EXpertise in Visual Analytics \(TREX\) Workshop
at IEEE VIS 2020](#)
- > **Panelist**
Establishing and Thriving in an Academic Career @ [IEEE
VIS, 2023](#)
What is a Visual Analytics contribution, and how is it
changing? @ [IEEE VIS, 2023](#)
Women in Tech Panel, Emory [Data Science Club and
ProgramHers, 2023](#)
Equity in Vision Science at [Object Perception, visual
Attention, and visual Memory \(OPAM\) conference, 2021](#)
Advancing Visualization Inclusion and Diversity (AVID)
Workshop at IEEE VIS, 2017
- > **Reviewer (Papers)**
Nature: 2023
IEEE VIS: 2017-2024
CHI: 2018-2024
Universal Access in the Information Society (UAIS): 2023
FAccT: 2023

TVCG: 2018-2023
EuroVis: 2020-2024
ACM TiS: 2022
Cognitive Research: 2022
CG&A: 2021
CSCW: 2021
International Journal of Human-Computer Studies: 2019
KDD IDEA: 2017
VAST Challenge: 2016

> **Reviewer (Funding)**

Austrian Science Fund (FWF): 2023
Natural Sciences and Engineering Research Council of
Canada: 2022
National Science Foundation: 2021

> **Session Chair**

Questioning Data and Data Bias @ IEEE VIS 2022
Guidelines and Accessibility @ EuroVIS 2022
Interaction and Animation @ IEEE VIS 2020

> **Other Committees**

VISxAI Best Paper Award Selection Committee: 2021
CHI Best Paper Award Selection Committee: 2022

Institutional Service

2020-
2024 **Graduate Admissions Committee**
Computer Science Department, Emory University

2023-
2024 **Honors Program Selection Committee**
Computer Science Department, Emory University

2020-
2021 **Faculty Search Committee**
Computer Science Department, Emory University

> **Panelist**
DEI Statement Panel, Emory University, 2021
Innovations in Online Teaching Panel, Emory University,
2021

Selected Media

Nov
2019 **A Reflection on VIS2019: Or, How Doomed Are We?**
Medium Blog Post, Multiple Views on Visualization
Research Explained. [Read](#)
by Michael Correll

Nov
2019 **Highlights from IEEE VIS 2019**, Uncharted Software Blog.
[Read](#)
by Rosa Romero-Gómez

Other Professional Activities

Oct 2023	Atlanta Visualization Meetup, Co-Host Georgia Tech
Sep 2023	Human-Centered Approaches for Provenance in Automated Data Science Dagstuhl, Wadern, Germany
Aug 2022	Interactive Visualization for Fostering Trust in ML Dagstuhl, Wadern, Germany
Aug 2022	Emory CFDE Summer Teaching Intensive Emory University
Jun 2022	Visualization Summer Camp Atlantic City, NJ
Fall 2021	Emory CFDE Grantseekers' Institute Emory University
Oct 2021, June 2020	Emory College Online Teaching Strategies (ECOTS) Emory University
Aug 2021	Visualization Summer Camp Minneapolis, MN
Oct 2019	NextProf Nexus Workshop Atlanta, GA
Jun 2019	Summer Institute on Bounded Rationality Berlin, Germany
Apr 2018	CRA-W Grad Cohort Workshop San Francisco, CA
Oct 2016	Grace Hopper Celebration of Women in Computing Houston, TX
Apr 2016	CRA-W Grad Cohort Workshop San Diego, CA
