

Derya Akbaba

PhD Candidate in Visualization & HCI

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Education

Linköping University

PhD Candidate in Computer Science

Norrköping, Sweden

2022 - present

- Focus: Data Visualization; Epistemology; Human-Centered Computing
- Advisor: Miriah Meyer, Co-Advisor: Lauren Klein
- Expected graduation: September 2025
- Thesis: Shifting Perspectives: Conducting Visualization Research with Entanglement Epistemology

University of Utah

MSc in Computing

Salt Lake City, UT

2019 - 2022

- Focus: Data Visualization; Human-Centered Computing
- 4.0 GPA
- Advisor: Miriah Meyer

Cornell University

BSc in Industrial & Labor Relations

Ithaca, NY

2010 - 2013

- Minors: Economics; Cognitive Science

Publications

REFEREED CONFERENCE PUBLICATIONS

Entanglements for Visualization: Changing Research Outcomes through Feminist Theory

Derya Akbaba, Lauren Klein, Miriah Meyer

IEEE Transactions on Visualization and Computer Graphics, 2025, **Best Paper Award (Top 1%)**

Discursive Patinas: Anchoring Discussions in Data Visualizations

Tobias Kauer, Derya Akbaba, Marian Dörk, Benjamin Bach

IEEE Transactions on Visualization and Computer Graphics, 2025

Troubling Collaboration: Matters of Care for Visualization Design Study

Derya Akbaba, Devin Lange, Michael Correll, Alexander Lex, Miriah Meyer

Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems, 2023

Data Hunches: Incorporating Personal Knowledge into Visualizations

Haihan Lin, Derya Akbaba, Miriah Meyer, Alexander Lex

IEEE Transactions on Visualization and Computer Graphics, 2023

REFEREED WORKSHOP, SHORT PAPERS, & EXTENDED ABSTRACTS

words matter || mattering words

Derya Akbaba

CSCW Workshop. A Toolbox of Feminist Wonder: Theories and methods that can make a difference, 2023

A speculative feminist knowledge elicitation system

Derya Akbaba, Eirini Kaklopoulou

Workshop at AI for Humanity and Society 2023, 2023

“Two Heads are Better than One”: Pair-Interviews for Visualization

Derya Akbaba, Miriah Meyer

IEEE Transactions on Visualization and Computer Graphics (short papers), 2023

I Was Here: Digital Traces as Design Material

Tobias Kauer, Derya Akbaba

Information+ Conference, 2023

Reflections on applying feminist theory to visualization research

Derya Akbaba, Lauren Klein, Miriah Meyer

Information+ Conference, 2021

Manifesto for Putting ‘Chartjunk’ in the Trash 2021!,

Derya Akbaba, Jack Wilburn, Miriah Meyer

alt.VIS Workshop, IEEE VIS, 2021

OTHER PUBLICATIONS

Visualization and the Humanities: Towards a Shared Research Agenda (Dagstuhl Seminar 23381)

Johanna Drucker, Mennatallah El-Assady, Uta Hinrichs, Florian Windhager, Derya Akbaba

Schloss Dagstuhl–Leibniz-Zentrum für Informatik, 2024

Visualizing Uncertainty: What can graphics convey about the character of data?

Derya Akbaba

Natural History Magazine (2020). 2020

PUBLIC ENGAGEMENT WORK

| | | |
|------|--|--------|
| 2025 | Data & Me Exhibit Exhibit at local science center, <i>Vis.C News</i> , <i>LiU News</i> | Sweden |
| | Data Crafting Workshops Data physicalization workshops for children | Sweden |
| 2024 | Östergötland Stadsmission Workshops Data physicalization workshops for empowerment, <i>Vis.C News</i> | Sweden |

Professional Service + Teaching

REVIEWING

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|--------------------|--|
| IEEE VIS | Full Papers ('25, '24, '23, '22), alt.vis ('23, '22) |
| ACM CHI | Full Papers ('25), alt.chi ('25) |
| ACM DIS | Full Papers ('25) |
| ACM C&C | Pictorials ('25) |
| IEEE TVCG | Journal ('23) |

SERVICE

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| 2025 | CG&A Critical Visualization (Special issue) Guest Editor |
| | Input Visualization (IEEE VIS Workshop) Organizing Committee |
| | Bring Your Own Biodata (ACM DIS Workshop) Organizing Committee |
| | Interaction Design as a Form of Decolonial Care (ACM C&C Workshop) Organizing Committee |
| 2024 | VISIONS for the Future (IEEE VIS Workshop) Organizing Committee |
| | EuroVis Student Volunteer |
| 2023 | alt.vis (IEEE VIS Workshop) Organizing Committee |
| | Information+ Conference Organizing Committee |
| 2022 | alt.vis (IEEE VIS Workshop) Organizing Committee |
| | Eyeo Festival Student Volunteer |
| 2021 | Fair pay (IEEE VIS panel) Organizer |
| 2020 | IEEE VIS Student Volunteer |
| | College of Engineering Diversity Committee (U. of Utah) Grad Student Body Representative |

TEACHING

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|-------|---|----------------------|
| S2024 | TDDE39: Physical Interaction Design and Prototyping Instructor: Implosion Workshop Seminar | Linköping University |
| S2024 | Feminist Data Visualization Workshop Instructor | Graphic Hunters |
| F2023 | TNM101: Advanced Visualization Design Instructor: Critical Perspectives in Visualization Seminar | Linköping University |
| S2023 | TDDE39: Physical Interaction Design and Prototyping Instructor: Implosion Workshop Seminar | Linköping University |
| S2022 | SHETech Explorer Day Instructor at Women Tech Council, Utah | USA |
| S2020 | COMP1010: Computing for All Teaching Assistant | University of Utah |

ADVISING

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| S2024 | Camilla Svensson MSc of Design | Linköping University |
| S2024 | Claudia Torelli MSc of Design | Linköping University |
| S2021 | Pranav Rajan BSc of Computer Science | University of Utah |

Selected Experience

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| 2025 | FemTech and Feminist Tech Focus Period 3 day workshop about technology design that engages with societal impact aligned with UN Sustainable Development Goals regarding health, wellbeing, and gender equality. | Sweden |
| 2024 | NORDES Summer school Week focused on socio-ecologically just design after progress | Sweden |
| | Digital STS Hub Science and technology studies group sharing & supporting research | Sweden |
| | Feminist Wonder Working Group Interdisciplinary HCI scholars developing a toolbox of feminist methods/methodologies | virtual |
| 2023 | Dagstuhl Seminar Week-long event on topic of: "Visualization and the Humanities: Towards a Shared Research Agenda" | Germany |
| 2022 | STEM Ambassador, Spring Cohort Semester long program run by U of Utah, that trains and supports communicating science efforts to the public | USA |
| 2021 | Visiting Researcher, Polarization Lab, Duke University Conducted study with Dr. Chris Bail and computational sociologists | USA |
| 2020 | CRA-WP Grad Cohort for Women Conference that supports women in computing | virtual |
| | ComSciCon 2020 Flagship Workshop Workshop for training and supporting science communication to public | virtual |
| | Critical Code Studies Working group to discuss code from critical theoretical perspectives | virtual |
| 2019 | School for Poetic Computation Member of Code, Paper, Scissor Cohort examining material aspects of code | USA |

Presentations + Talks

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| 2025 | K.I.S.S* Keep it simple, silly Visualizing Knowledge Conference | Finland |
| | Exploring entangled threads in visualization research Lecture Series at ITU Copenhagen | Denmark |
| 2024 | Exploring New Threads in Visualization Research FFF at KTH | Sweden |
| | Responsible Computing: Sketching a different future for vis research VIG at Utrecht University | Netherlands |
| | Responsible Computing: Sketching a different future for vis research VIS Cluster at TU Eindhoven | Netherlands |
| | Are visualizations haunted? Cest-la-viz Conference | Netherlands |
| | Changing Research Outcomes through Feminist Theory Best Paper Session at IEEE VIS | USA |
| | Changing Research Outcomes through Feminist Theory Atlanta Interdisciplinary Artificial Intelligence Network at Emory University | USA |
| | Staying with the Trouble: Applying Feminism to Visualization Research University of Utah | USA |
| | Data Empowerment Östergötlands Stadsmission | Sweden |
| | Feminist Data Visualization Beautiful Data sessions by Graphic Hunters | virtual |
| 2023 | Troubling Collaboration: Matters of Care in Visualization Design Study CHI Conference | Germany |
| | Troubling Collaboration: Matters of Care in Visualization Design Study ITU Copenhagen | Denmark |
| | Staying with the Trouble: Applying Feminism to Visualization Research King's College London | UK |
| | Staying with the Trouble: Applying Feminism to Visualization Research City, University of London | UK |
| | Staying with the Trouble: Applying Feminism to Visualization Research CIM at University of Warwick | UK |
| 2021 | Manifesto for Putting "Chartjunk" in the Trash 2021! alt.vis Workshop at IEEE VIS | virtual |
| | Interactive Visualizations in Social Science Networks Polarization Lab at Duke University | USA |

References available upon request.