Derya Akbaba

PhD Student in Visualization & HCI

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Education

Linköping University *Norrköping, Sweden*

PhD in Computer Science *2022 - present*
- Focus: Data Visualization; Feminist Epistemology; Human-Centered Computing
- Advisor: Miriah Meyer, Co-Advisor: Lauren Klein
- Expected graduation: September 2025

University of Utah *Salt Lake City, UT*

MSc in Computing *2019 - 2022*
- Focus: Data Visualization; Human-Centered Computing
- 4.0 GPA
- Advisor: Miriah Meyer

Cornell University *Ithaca, NY*

BSc in Industrial & Labor Relations *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
to be published, IEEE Transactions on Visualization and Computer Graphics, 2024, Best Paper Award (Top 1%)

Discursive Patinas: Anchoring Discussions in Data Visualizations
Tobias Kauer, Derya Akbaba, Marian Dörk, Benjamin Bach
to be published, IEEE Transactions on Visualization and Computer Graphics, 2024

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

"Two Heads are Better than One": Pair-Interviews for Visualization
Derya Akbaba, Miriah Meyer
IEEE Transactions on Visualization and Computer Graphics (short papers), 2023

Data Hunches: Incorporating Personal Knowledge into Visualizations
Haihan Lin, Derya Akbaba, Miriah Meyer, Alexander Lex
IEEE Transactions on Visualization and Computer Graphics, 2023

Reports, Workshop Papers, & Extended Abstracts

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

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

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

Public Work

Wait...I never signed up to be an economist.
Derya Akbaba, Kiran Gadhave
Visualization Design Lab Blog (2021). 2021

State COVID-19 Dashboard
Derya Akbaba
Visualization Design Lab Blog (2020). 2020

Visualizing Uncertainty: What can graphics convey about the character of data?
Derya Akbaba
Natural History Magazine (2020). 2020

Professional Service + Teaching

Reviewing

VIS	Full Papers ('22, '23, '24), alt.vis ('22, '23)
CHI	Full Papers ('25)
TVCG	Journal ('23)
Frontiers	Journal ('24)

Service

2025	**CG&A Critical Visualization (Special issue)**, Guest Editor
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	**Panel about fair pay at IEEE VIS**, Organizer
2020	**IEEE VIS**, Student Volunteer
	College of Engineering Diversity Committee (U. of Utah), Grad Student Body Representative

Teaching

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	*Women Tech Council*
S2020	**COMP1010: Computing for All**, Teaching Assistant	*University of Utah*

Advising

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

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

2024	**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.