Annabel Rothschild

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APPOINTMENTS	**Bard College**, Annandale-on-Hudson, NY	From Jul 2025
	Assistant Professor of Computer Science	

EDUCATION

Georgia Institute of Technology, Atlanta, GA, USA — Aug 2020 – May 2025

Ph.D. in Human-Centered Computing
Dissertation: *Developing Pro-Social AI Training Datasets Through Data Workers' Critical Perspectives*
Advised by Dr. Betsy DiSalvo & Dr. Carl DiSalvo

Wellesley College, Wellesley, MA, USA — Aug 2016 – May 2020

B.A. in Computer Science (Honors), Minor in Mathematics
Honors Thesis: *Proactive Privacy Protections for Smartphone Users*
Advised by Dr. Ada Lerner

RESEARCH POSITIONS

Culture & Technology Lab, Georgia Tech — Aug 2020 – May 2025
Graduate Research Assistant, supervised by Dr. Betsy DiSalvo

HCI & Security Engineering Lab, Aalto University — Jun 2022 – Aug 2022
Visiting PhD Student, supervised by Dr. Janne Lindqvist

Lerner Security & Privacy Lab, Wellesley College — Aug 2019 – May 2020
Undergraduate Research Assistant, supervised by Dr. Ada Lerner

HCI Lab, OFFIS & Carl von Ossietzky University of Oldenburg — Jun 2019 – Aug 2019
Undergraduate Research Intern, supervised by Prof. Dr. Torben Wallbaum

Civic Data Science REU, Georgia Institute of Technology — May 2018 – Jul 2018
Undergraduate Research Intern, supervised by Dr. Yanni Loukissas

Cred Lab, Wellesley College — Jan 2018 – May 2020
Undergraduate Research Assistant, supervised by Dr. Eni Mustafaraj

PUBLICATIONS

* denotes student advisee, † denotes equal contribution.

JOURNAL

[J5] Ashley Boone, <u>Annabel Rothschild</u>, Xander Koo, Grace Pfohl, Alyssa Sheehan, Betsy DiSalvo, Christopher Le Dantec, and Carl DiSalvo. 2024. "Reimagining Meaningful Data Work through Citizen Science". *Proc. ACM Hum.-Comput. Interact. CSCW*.

[J4] Carl DiSalvo, <u>Annabel Rothschild</u>, Lara L. Schenck, Ben Shapiro, and Betsy DiSalvo. 2024. "When Workers Want to Say No: A View into Critical Consciousness and Workplace Democracy in Data Work". *Proc. ACM Hum.-Comput. Interact.* 8, CSCW1, Article 156 (January 2023), 23 pages. https://dl.acm.org/doi/10.1145/3637433
DEI Recognition for strong examples of "work that demonstrates or has clear potential to demonstrate real-world or practical impact".

[J3] <u>Annabel Rothschild</u> & Janne Lindqvist. 2024. "Swapping 5G for 3G: Motivations, Experiences, and Implications of Contemporary Dumbphone Adoption". *Proc. ACM Hum.-Comput. Interact.* 8, CSCW1, Article 125 (April 2023), 40 pages. https://doi.org/10.1145/3637402

[J2] Ben Rydal Shapiro, Amanda Meng, <u>Annabel Rothschild</u>, Sierra Gilliam, Cicely Garrett, Carl DiSalvo, & Betsy DiSalvo. (2022). "'Bettering Data': The Role of Everyday Language and Visualization in Critical Novice Data Work". *Educational Technology & Society*, 25 (4).

[J1] <u>Annabel Rothschild</u>, Amanda Meng, Carl DiSalvo, Britney Johnson, Ben Rydal Shapiro, and Betsy DiSalvo. 2022. "Interrogating Data Work as a Community of Practice". *Proc. ACM Hum.-Comput. Interact.* 6, CSCW2, Article 307 (November 2022), 29 pages. https://doi.org/10.1145/3555198

[–] [Under review]. <u>Annabel Rothschild</u>, Carl DiSalvo, and Betsy DiSalvo. Manuscript title anonymized during review, submitted to *Catalyst: Feminism, Theory, and Technoscience.*

CONFERENCE

[C5] Lara Schenck, Dana Priest, Gabe Dubose, Zajerria Godfrey, <u>Annabel Rothschild</u>, Ben Rydal Shapiro, and Betsy DiSalvo. 2025. "A Window into Data Apprenticeship: Developing an Integrated Work-Training Curriculum for Novice Adults". In SIGCSE TS 2025 (*ACM Special Interest Group on Computer Science Education*).

[C4] <u>Annabel Rothschild</u>, Ding Wang, Niveditha Jayakumar, Lauren Wilcox, Carl DiSalvo and Betsy DiSalvo. 2024. "The Problems with Proxies: Making Data Work Visible through Requester Practices". In AIES 2024 (*AAAI/ACM Conference on Artificial Intelligence, Ethics, and Society*).

[C3] Grace Kim*, <u>Annabel Rothschild</u>, Carl DiSalvo, and Betsy DiSalvo. 2024. "What's Your Stake in Sustainability of AI?: An Informed Insider's Guide". In AIES 2024 (*AAAI/ACM Conference on Artificial Intelligence, Ethics, and Society*).

[C2] <u>Annabel Rothschild</u>, Justin Booker, Christa Davoll, Jessica Hill, Venise Ivey, Carl DiSalvo, Benjamin Rydal Shapiro, and Betsy DiSalvo. 2021. "Towards fair and pro-social employment of digital pieceworkers for sourcing machine learning training data." In *Extended Abstracts of the 2022 CHI Conference on Human Factors in Computing Systems* (New Orleans, Louisiana) (CHI EA '22). Association for Computing Machinery, New York, NY, USA.

[C1] Britney Johnson, Ben Rydal Shapiro, Betsy DiSalvo, <u>Annabel Rothschild</u>, and Carl DiSalvo. 2021. "Exploring Approaches to Data Literacy Through a Critical Race Theory Perspective." In *Proceedings of the 2021 CHI Conference on Human Factors in Computing Systems* (Yokohama, Japan) (CHI '21). Association for Computing Machinery, New York, NY, USA. https://doi.org/10.1145/3411764.3445141
Honorable Mention for Best Paper Awards

ORGANIZED WORKSHOPS

[W1] Anh-Ton Tran, <u>Annabel Rothschild</u>, Kay Kender, Ekat Osipova, Brian Kinnee, Jordan Taylor, Louie Søs Meyer, Oliver L. Haimson, Ann Light, and Carl DiSalvo. 2024. Making Trouble: Techniques for Queering Data and AI Systems. In Companion Publication of the 2024 ACM Designing Interactive Systems Conference (DIS '24 Companion). Association for Computing Machinery, New York, NY, USA, 381–384.

SMALL AND LIGHTLY PEER-REVIEWED

[S6] William Eickman*†, Mukhlisabonu K Nematova*†, <u>Annabel Rothschild</u>, Carl DiSalvo, and Betsy DiSalvo. 2025. Datum Fieldnotes: easing the data work burden on civic and non-profit organizations. In Proceedings of the Extended Abstracts of the CHI Conference on Human Factors in Computing Systems (CHI EA '25). Association for Computing Machinery, New York, NY, USA, Article 170, 1–7. https://doi.org/10.1145/3706599.3719905

[S5] <u>Annabel Rothschild</u>. 2025. "Developing Pro-Social AI Training Datasets Through Data Workers' Critical Perspectives." Accepted to the ACM GROUP 2025 *International Conference on Supporting Group Work* Doctoral Consortium, Hilton Head, SC.

[S4] <u>Annabel Rothschild</u>, Carl DiSalvo, and Betsy DiSalvo. 2024. "Re-Introducing the Human in AI Labor Terminology with Data Workers' Vernacular Terms" in *The Work of AI: Mapping Human Labor in the AI Pipeline* workshop at CSCW 2024.

[S3] <u>Annabel Rothschild</u>, Carl DiSalvo, Amanda Wooten, and Betsy DiSalvo. 2022. "Understanding civic and non-profit data through a custom data lifecycle". Accepted position paper in *Investigating Data Work Across Domains: New Perspectives on the Work of Creating Data* workshop at CHI 2022.

[S2] <u>Annabel Rothschild</u>, Carl DiSalvo, and Betsy DiSalvo. 2021. "Towards a Community-Defined Framework for Responsible Digital Piecework Requests". Accepted position paper in *The Global Labours of AI and Data Intensive Systems* workshop at CSCW 2021.

[S1] <u>Annabel Rothschild</u>, Emma Lurie, and Eni Mustafaraj. 2019. "How the Interplay of Google and Wikipedia Affects Perceptions of Online News Sources." In *The Computation + Journalism Symposium* (C+J '19), Miami, FL.

INVITED TALKS, PANELS & POSTERS	*"Ctrl+Alt+Survive: Fear in the Age of AI."* Invited respondent for artist talk at Stevenson Library at Bard College, Annandale-on-Hudson, NY, November 2025.

"People & Data Focused Approaches to Participatory Responsible AI." Invited talk for the Kapor Foundation, remote, October 2025.

"Behind the Data: Data Practices in LLM Training". Guest lecture for Georgia Tech OMSCS 6000 LLMs, remote, March 2025.

"Who Gets to 'Do' Responsible AI?". Research talk at Bard College, Annandale-on-Hudson, NY, November 2024.

"Who Gets to 'Do' Responsible AI?". Research talk at College of the Holy Cross, Worcester, MA, November 2024.

"Safe from the Start: Developing Pro-Social AI Training Datasets Through Data Workers' Critical Perspectives". Research talk at the Summit on Responsible Computing, AI, and Society, Atlanta, GA, October 2024.

"Safe from the Start: Developing Pro-Social AI Training Datasets Through Data Workers' Critical Perspectives". Research talk for the Georgia Tech Online Masters of Computer Science (OMSCS) research talks series, remote, May 2024.

"Calculating the Cost of Data Refusal". Invited poster at the joint meeting of the Society of Economic Anthropologists and the Society of Anthropologists of Work (SEA/SAW), Boston, MA, April 2024.

"Understanding Digital Pieceworking Requests". Invited poster at the CRA-WP Grad Cohort for Women, San Francisco, CA, May 2023.

Invited panel participant, Data Labeling Working Group (AAPTI Institute), remote, November 2021.

STUDENT SUPERVISION	**Mukhlisabonu Nematova**, Wellesley College	Jul 2024 – Jan 2025

DataWorks REU summer 2024 supervisor, work published [S6].

Grace C. Kim, Georgia Tech   Aug 2023 – Aug 2024
Undergraduate research advisor for Sustainability of AI project, work published [C3].

William Eickman, Georgia Tech   Aug 2023 – current
Undergraduate student research advisor for Datum Fieldnotes project. Undergraduate thesis advisor ("*Data management practices of social computing researchers*"), work published [S6].

Nishi Kaura, UC Berkeley   Jan 2023 – Jun 2023
Undergraduate research advisor for Datum Fieldnotes.

Lindsey Nichols, Georgia Tech   Aug 2022 – Jan 2023
Undergraduate research advisor for Datum Fieldnotes.

TEACHING EXPERIENCE	**CMSC118: Intro to Computing - Python for Everyone**, Bard College	Jan 2026 – May 2026

Non-majors introduction to Python and core concepts of computing.
Instructor of record, 15 students.

CMSC103: History of AI, Bard College   Jan 2026 – May 2026
Non-majors introduction to key concepts and developments in AI since 1940s.
Instructor of record for two, half-semester sections, 30 students total.

CMSC251: Intro to AI, Bard College   Sep 2025 – Dec 2025
Undergraduate survey course in AI.
Instructor of record for two sections, 30 students total.

CS6454: Qualitative Methods in HCI, Georgia Tech   Aug 2023 – Dec 2023
Teaching Assistant, Graduate course

CS2340: Objects and Design, Georgia Tech in Berlin program   May 2023 – Aug 2023
Teaching Assistant, Undergraduate course

CS4400: Introduction to Databases, Georgia Tech in Berlin program   May 2023 – Aug 2023
Teaching Assistant, Undergraduate course

CS7455: Issues in Human Centered Computing, Georgia Tech   Jan 2023 – May 2023
Teaching Assistant, Graduate course

CS4001: Computing, Society, and Professionalism, Georgia Tech		Jan 2021 – May 2021
Teaching Assistant, Undergraduate course		
CS230: Data Structures, Wellesley College		Sep 2017 – May 2020
Teaching Assistant, Undergraduate course		
Summer Immersion Program, Girls Who Code		May 2017 – Sep 2017
Teaching Assistant		
Saturday Series, Science Club For Girls		Sep 2017 – May 2018
Lead Instructor		

AWARDS & SCHOLARSHIPS	Outstanding Reviewer recognition, ACM CHI conference	2025
	Kapor Foundation Dissertation Fellowship ($40,000)	2024
	CRA-WP Grad Cohort for Women Workshop travel grant ($2,000)	2023
	Wellesley College Graduate Fellowship ($11,000)	2020
	Nominated to *Sigma Xi*, research honors society	2020
	Wellesley Senior Prize: Spirit Award in Computer Science ($250)	2020
	SPLASH/OOPSLA 2019 travel grant for Programming Languages Mentoring Workshop ($2,500)	2019
	Albright Institute Fellow (Wellelsey College)	2018 – 2019

GRANTS

Student co-author, 2024: National Science Foundation (NSF), "The Cost of AI: A Comparative Study of Machine Learning Training Methods" ($399,634). PI: Betsy DiSalvo, Co-PIs: Wei Xu, Alan Ritter.

Student author, 2024: National Science Foundation (NSF) REU supplement for SCC-IRG Track 2: Building Smart Community Capacity, "Datum Fieldnotes" ($9,598). PI: Betsy DiSalvo, Co-PIs: Amanda Meng, Carl DiSalvo.

Atlanta Interdisciplinary AI Network (AIAI) seed grant, "The People's Data on Cop City" ($5,000), 2023-2024. PI: Carley Rickles, Senior personnel: Anh-Ton Tran, Annabel Rothschild.

COMMUNITY SERVICE

RESEARCH COMMUNITY

Student Associate Chair: workshops & provocations DIS 2024

20+ ad hoc & external reviews for HCI venues since 2020, including: ACM CSCW, ACM CHI (inc. case studies and alt.chi), AAAI ICWSM, ACM Creativity & Cognition, AI & Society journal, Big Data & Society journal.

BARD COLLEGE SERVICE

L&T Anthology revisions suggestions committee	Dec 2025
Lecture for Family & Alumnae weekend, "How LLMs Work"	Oct 2025
Visit coordinator for Oliver Haimson book talk at Bard	Sep 2025

GEORGIA TECH SERVICE

Logistics coordinator, Georgia Tech Critical Computing Group	Apr 2024 – May 2025
Georgia Tech representative, Atlanta Graduate Students Ethical Coding Coalition	Feb 2024 – May 2025
Student representative, School of Interactive Computing search committee for endowed Chair of Computational Journalism	2022 – 2023

OUTREACH ACTIVITIES

Ask Me Anything panelist for new HCC PhD Students, Georgia Tech HCC Seminar	Sep 2024
Grad School 101, invited talk, Wellesley College Computer Science Department	Apr 2024
Mentor, *Georgia Tech College of Computing Pre-App Review Program*	2021 – 2022
Panelist, *Current Students Panel* at 2020-2021 CS[-ish] PhD Recruiting	Nov 2020
Panelist, *Internship Mentorship Panel* hosted by the Wellesley Computer Science Club	Apr 2019
Founder, *Wellesley CS Reading Group*	2019 – 2020
Volunteer, *Keylatch After-School Program* at Harvard Phillip Brooks House	2016 – 2017

POPULAR MEDIA

- Interviewed by Ian Bogost about AI teaching course policy in The Atlantic, "College Students Have Already Changed Forever", 2025-08-17.
- Interviewed by Ismael Berrazouane about dumbphones for Westdeutscher Rundfunk (Germany), 2024-05-14.
- Interviewed by Anneke Jonczyk for SWR Kultur (Germany), 2024-04-15, "Dumbphones: Wenn Menschen kein Smartphone wollen."
- Dumbphones research covered by Judy Siegel-Itzkovich. 2024-04-12. Researchers in Finland, US say adjustments, flexibility are necessary to live without smartphone. The Jerusalem Post.
- Dumbphones research covered by Paul Fogarty. 2024-04-10. Swapping your smartphone for a "dumbphone" could be the answer to social media addiction. The Focus.

SKILLS

PROGRAMMING LANGUAGES AND TOOLS

Python, R, Java, JavaScript & HTML & CSS, Scala, assorted SQL derivatives (inc. MySQL, MongoDB, Google Cloud & Firebase database services).

DOMAIN AREAS

Qualitative research methods (interviews, focus groups and workshop facilitation, coding and analysis); data cleaning, standardization, analysis, & visualization; GIS; mobile app development (Android & iOS); Linux (Ubuntu & Fedora); some front-end Web frameworks (e.g., Jekyll, WordPress); LaTeX.