

Marianne Aubin Le Quéré

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Education

- 2019–2025 Ph.D., Information Science, Cornell University
M.Sc., Information Science, Cornell Tech
Committee: Mor Naaman (chair), J. Nathan Matias, Emma Pierson
- 2013–2017 B.Sc., Computer Science and Nonfiction (Honors), Brown University

Academic Appointments

- 2025–Present **Postdoctoral Research Fellow**
Center for Information Technology Policy, Princeton University
Advisors: Manoel Horta Ribeiro and Andy Guess
- 2025–Present **Incoming Assistant Professor**
School of Information Sciences, University of Illinois Urbana-Champaign

Selected Honors and Awards

- 2025 Princeton Data-Driven Social Science Interim Research Grant for “*Measuring Dynamic News Knowledge: An AI-powered infrastructure for automated social science surveys*” (PI), \$9725
- 2025 Public Voices Fellow on Technology in the Public Interest, selected as one of 20 fellows from nearly 300 applicants
- 2025 NY Public Interest Technology Regional Seed Grant, \$2000
- 2024 Top Paper Award, International Communication Association Conference, Communication and Technology Division (Top <1%)
- 2022 Cornell Tech Outstanding Service Award, selected from 80+ PhD students
- 2021 Digital Life Initiative Doctoral Fellowship, \$6000
- 2021 Facebook Fellowship Finalist in Computational Social Science, selected among the top 3.5% of applicants out of 2,100+ total applications
- 2021 Cornell University Art Microgrant to host retreat on Gender Inclusion, \$500

Publications

* Indicates equal contribution

Heavily Peer-Reviewed Publications

I have published my work in journals and in heavily peer reviewed computer science venues. In computer science and related fields, the academic norm is to publish in conference proceedings. These conferences are archival and should be considered with the same esteem as journal publications.

- [1] **Bonsai: Intentional and Personalized Social Media Feeds**
Omar El Malki, Marianne Aubin Le Quéré, Andrés Monroy-Hernández, Manoel Horta Ribeiro. *Accepted to the ACM (Association of Computing Machinery) CHI conference on Human Factors in Computing Systems*, 2026.
- [2] **Reactive Writers: How Co-Writing with AI Changes How We Engage with Ideas**
Advait Bhat, Marianne Aubin Le Quéré, Mor Naaman, Maurice Jakesch. *Accepted to the ACM (Association of Computing Machinery) CHI conference on Human Factors in Computing Systems*, 2026.
- [3] **“Ownership, Not Just Happy Talk:” Co-Designing a Participatory Large Language Model for Journalism**
Emily Tseng, Meg Young, Marianne Aubin Le Quéré, Aimee Reinhart, and Harini Suresh. *Accepted to the ACM Conference on Fairness, Accountability, and Transparency*, 2025.
- [4] **Welcome to the Neighborhood: Assessing Localized Social Media Use and Pro-Community Attitudes in a Multi-National Survey**
Marianne Aubin Le Quéré and Sanjay R. Kairam. *Social Media & Society*, 2025.
- [5] **Large Language Models in Qualitative Research: Uses, Tensions, and Intentional Choices**
Hope Schroeder*, Marianne Aubin Le Quéré*, Casey Randazzo, David Mimno, Sarita Schoenebeck. *Accepted to ACM SIGCHI Conference on Human Factors in Computing Systems (CHI)*, 2025.
- [6] **When Curiosity Gaps Backfire: Effects of Headline Concreteness on Information Selection Decisions**
Marianne Aubin Le Quéré*, and J. Nathan Matias*. *Nature Scientific Reports*, 2025.
- [7] **Under the (Neighbor)hood: Hyperlocal Surveillance on Nextdoor**
Madiha Choksi*, Marianne Aubin Le Quéré*, Travis Lloyd, Ruoqia Tao, James Grimmelman, and Mor Naaman. *Proceedings, the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI)*, 2024.
- [8] **The Role of Inclusion, Control, and Ownership in Workplace AI-Mediated Communication**
Kowe Kadoma, Marianne Aubin Le Quéré, Xiyu Jenny Fu, Christin Munsch, Danae Metaxa, and Mor Naaman. *Proceedings, the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI)*, 2024.
- [9] **Not Quite Filling the Void: Comparing the Perceptions of Local Online Groups and Local Media Pages on Facebook**
Marianne Aubin Le Quéré, Jenna Fields, and Mor Naaman, *Proceedings of the ACM on Human-Computer Interaction*, 8(CSCW1), 2024.

- [10] **Broadening scientific engagement and inclusivity in IPCC reports through collaborative technology platforms**
Anthony Jude De-Gol, Corinne Le Quéré, Adam J.P. Smith, and Marianne Aubin Le Quéré, *Nature Climate Action*, 2023.
- [11] **Understanding Local News Social Coverage and Engagement at Scale During the COVID-19 Pandemic**
Marianne Aubin Le Quéré, Ting-Wei Chiang, Mor Naaman, *International Conference on Web and Social Media (ICWSM)*, 2022.
- [12] **Information Needs of Essential Workers During the COVID-19 Pandemic**
Marianne Aubin Le Quéré, Ting-Wei Chiang, Karen Levy, Mor Naaman, *Proceedings of the ACM on Human-Computer Interaction 6(CSCW2)*, 2022.
- [13] **The Upworthy Research Archive, a time series of 32,487 experiments in U.S. media**
J. Nathan Matias*, Kevin Munger*, Marianne Aubin Le Quéré*, Charlie Ebersole*, *Nature Scientific Data*, 2021.
- [14] **Drafty: Enlisting Users to be Editors who Maintain Structured Data**
Shaun Wallace, Lucy Van Kleunen, Marianne Aubin Le Quéré, Abraham Peterkin, Yirui Huang, Jeff Huang. *Proceedings of the Fifth Conference on Human Computation and Crowdsourcing (HCOMP)*, 2017.

Lightly Peer-Reviewed Publications

- [1] **Auditing Google’s AI Overviews for Local Information Seeking**
Marianne Aubin Le Quéré, Stephen Dong, Mor Naaman, *Computation + Journalism*, 2025.
- [2] **Scale, Engage, or Both?: Potential and Perils of Applying Large Language Models in Interview and Conversation-Based Research**
Angel Hsing-Chi Hwang, Marianne Aubin Le Quéré, Hope Schroeder, Alejandro Cuevas, Steven P. Dow, Shivani Kapania, Eugenia H Rho, *Panel accepted to CSCW*, 2025.
- [3] **Beyond Information: Online Participatory Culture and Information Disorder**
Nina Lutz, Stephen Prochaska, Laura Kurek, Marianne Aubin Le Quéré, Jason Greenfield, Joseph S. Schafer, Phil Tinn, Daniel Thilo, Shiva Darian, Sukrit Vekatagiri, Ahmer Arif, Anirban Sen, Joyojeet Pal, Kate Starbird. *Workshop accepted to CSCW*, 2025.
- [4] **News Futures: Redesigning Socio-technical Systems for News Production & Consumption**
Sachita Nishal, Marianne Aubin Le Quéré, Brian McInnis, Bronwyn Jones, Kristen Vaccaro, Tanja Aitamurto, Mor Naaman, Nick Diakopoulos. *Workshop at CHI Conference for Human Factors in Computing*, 2025.
- [5] **Towards Identifying Local Content Deserts with Open-Source Large Language Models**
Marianne Aubin Le Quéré, Siyan Wang, Tazbia Fatima, and Michael Krisch. *Computation & Journalism Symposium*, 2024.
- [6] **The Neighborhood Prism: How Localized Social Networks Reflect Offline Demographics**
Ruojia Tao*, and Marianne Aubin Le Quéré*. *Extended Abstracts for Computer-Supported Cooperative Work Conference (CSCW)*, 2024.
- [7] **Under the (neighbor)hood: Hyperlocal Surveillance on Nextdoor**
Marianne Aubin Le Quéré*, Madiha Choksi*, Travis Lloyd, Ruojia Tao, James Grimmelmann, and

Mor Naaman. *International Communication Association conference, Communication and Technology Division, 2024. Top Paper Award.*

- [8] **An Article a Day: Towards Personal Informatics for Healthy News Consumption**
Marianne Aubin Le Quéré*, Lauren Tran*, Andrew Berger, Christopher Nguyen, Rohini Venkatesan, Anastasia Sorokina, Yuanhang Xu, Mor, Naaman. *Extended Abstracts for the CHI Conference on Human Factors, 2024.*
- [9] **LLMs as Research Tools: Applications and Evaluations in HCI Data Work**
Marianne Aubin Le Quéré, Hope Schroeder, Casey Randazzo, Jie Gao, Ziv Epstein, Simon Perreault, David Mimno, Louise Barkhuus, and Hanlin Li. *Extended Abstracts for the CHI Conference on Human Factors, 2024.*
- [10] **The Modern Informed Citizen: Understanding Information Trade-offs in Digital News Consumption**
Marianne Aubin Le Quéré. *Extended Abstracts for the CHI Conference on Human Factors, 2023.*
- [11] **Social, Local, and Online: Comparing the Perceptions and Impact of Local Online Groups and Local Media Pages on Facebook**
Marianne Aubin Le Quéré, Jenna Fields, and Mor Naaman. *International Communication Association Conference, 2023.*
- [12] **Social, Local, and Online: Comparing the Perceptions and Impact of Local Online Groups and Local Media Pages on Facebook**
Marianne Aubin Le Quéré, Jenna Fields, and Mor Naaman. *Computation + Journalism Symposium, 2022.*
- [13] **Trusting AI in Under-Resourced Environments: Lessons from Local Journalism**
Marianne Aubin Le Quéré and Maurice Jakesch. *CHI TRAIT workshop, 2022.*

Public and Policy Writing

- [1] **The State of Large Language Models in HCI Research: Workshop Report**
Marianne Aubin Le Quéré, Hope Schroeder, Casey Randazzo, Jie Gao, *Interactions Magazine. Jan/Feb 2025 Issue. To appear.*
- [2] **Rethinking AI and Local News**
Marianne Aubin Le Quéré. *Digital Life Initiative Critical Reflections Blog, 2022.*
- [3] **Literature Review: AI and Local News**
Marianne Aubin Le Quéré, *Report prepared to evaluate philanthropic efforts at the Knight Foundation, 2022.*

Teaching

2023	INFO5320: Psychological and Social Aspects of Technology	Cornell Tech	Part-time PhD TA
2023	INFO5330: Tech, Media & Democracy	Cornell Tech	Part-time PhD TA
2022	CS6382: Data Science for Social Change	Cornell Tech	Part-time PhD TA
2020	INFO5320: Psychological and Social Aspects of Technology	Cornell Tech	PhD TA
2020	CS4300: Language & Information	Cornell University	PhD TA
2019	INFO3450: Human-Computer Interaction Design	Cornell University	PhD TA
2017	CS1950-Y: Logic For Systems	Brown University	Undergraduate TA

Industry Positions

Summer 2023	Data Science PhD Intern Analyzed user behavior on local subreddits, ran a survey with 4k+ users to compare sense of community in local vs non-local subreddits.	Reddit
Summer 2022	Data Science PhD Intern Wrote coding architecture to retrieve data from an online local social media platform at scale. Completed computational analysis of online data and linked data to offline demographic indicators at the city level.	Nokia Bell Labs
Summer 2020	User Research Intern Surveyed 1K+ users, conducted data analysis, and interviewed power users to extract key insights to segment users into different personas.	Mozilla
2017–2019	Program Manager Organized the worldwide roll-out of new payment methods on the website, readied the platform for EU payment regulations and added support for work authentication across multiple surfaces.	Microsoft
Summer 2016	Program Manager Intern Designed a hybrid billing option that lets customers accrue a balance or add funds.	Microsoft

Select Invited Talks & Panels

- 2025, *Large Language Models in Qualitative Research*, QUEST/National Centre for Research Methods/SCDTP Seminar Series
- 2025, *Google AI Overviews in Local Information Ecosystems*, Media Ecosystems Analysis Symposium

- 2025, *Google AI Overviews in Local Information Ecosystems*, Princeton Humans & Machines Lab
- 2024, *AI Summary Quality in Low-Information Environments*, Citizens & Technology Lab
- 2024, *Wrestling with LLMs as Tools to Understand Civic Information Disparities*, New York Academy of Sciences, AI & Society Seminar
- 2024, *When Curiosity Gaps Backfire: The Effect of Headline Concreteness on News Clickthrough Rates*, Cambridge University Social Psychology Seminar Series
- 2024, *Panelist: The Modern Media Environment*, hosted by news aggregator SmartNews
- 2023, *Furthering community engagement with city subreddits*, Reddit.
- 2022, *Editorializing the Web*, MIT Visualization Group
- 2021, *Assessing the Contribution of Local News at Scale*, Digital Life Initiative Seminar Series, Cornell Tech

Scientific Organizing

- 2025, *Computer-Supported Co-operative Work and Social Computing Northeast Meetup*, co-organizer of an unconference for 80+ attendees.
- 2024, *News Futures: Redesigning Socio-Technical Systems for News Production & Consumption*, one of two lead PhD organizers for an upcoming in-person CHI2025 workshop.
- 2024, *LLMs as Research Tools: Applications and Evaluations in HCI Data Work*, lead organizer for a hybrid CHI2024 workshop on the use of LLMs in Data work with 40+ attendees.
- 2022, *Retreat for Gender Inclusion*, organized hybrid two-day retreat with 20 attendees to work on projects related to gender inclusion in computing.
- 2021, *Retreat for Gender Inclusion*, organized virtual two-day retreat with 15 attendees to work on projects related to gender inclusion in computing.

Service

- Masters' Student Project Mentor, Cornell Tech Connective Media Program, 2021-Present.
- Mentor for Incoming PhD Student, Cornell Information Science Department, 2021-2023.
- Social Coordinator, PhD Students at Cornell Tech, 2022.
- Social Coordinator and Departmental Rep, PhD Students at Cornell Tech, 2021.
- Vice-President, Graduate Students for Gender Inclusion in Computing, 2021.
- Lead Organizer, [Cornell COVID-19 Survey of Grad Students in Computing](#), Cornell Computer and Information Sciences Department, 2020.
- Data and Surveys Chair, Graduate Students for Gender Inclusion in Computing, 2020.

Reviewing

2026	CHI (Associate Chair - Interaction Beyond the Individual)
2025	CSCW, CHI, ICWSM, DIS
2024	ICWSM, CSCW (Associate Chair), CHI, IC2S2, ICA, Transactions on Interactive Intelligent Systems, PLOS ONE
2023	ICWSM, CSCW, CHI, ICA, PLOS ONE
2022	ICWSM, CHI, WWW (PC member), Journal of Online Trust & Safety, ICA
2021	CSCW, ACM Transactions on Social Computing, CHI, ICWSM

Code and Data Availability

- **Sentence Concreteness Metric**
Python package to enable the continuous tagging of any sentence with its concreteness.
- **Local News Database**
Dataset of 10,257 local news outlets in the U.S. and their social media handles, and metadata including numerical localness. Used as a resource for Columbia Data Journalism class.
- **Upworthy Research Archive**
The Upworthy Research Archive is an open dataset of thousands of A/B tests of headlines conducted by Upworthy from January 2013 to April 2015. Papers using the Upworthy Archive have been published in Nature Human Behavior, PLOS ONE, and Scientific Reports.