

Marianne Aubin Le Quéré

Department of Information Science
Cornell Tech

Home: <http://mariannealq.com>
Email: msa258@cornell.edu

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

Selected Honors and Awards

- 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 Fellow, \$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, \$500

Publications

* *Indicates equal contribution*

Under Review

- **When Curiosity Gaps Backfire: Effects of Headline Concreteness on Information Selection Decisions**
Marianne Aubin Le Quéré*, and J. Nathan Matias*. *In-Principle Accepted to Nature Scientific Reports.*
- **Bridging the Local Media Gap: Assessing Localized Social Media Use, Community Attachment, and Political Participation in a Multi-National Survey**
Marianne Aubin Le Quéré and Sanjay R. Kairam. *Under Review at Social Media & Society.*
- **Large Language Models in Qualitative Research: Can we do the Data Justice?**
Hope Schroeder*, Marianne Aubin Le Quéré*, Casey Randazzo, David Mimno, Sarita Schoenebeck. *Under Review.*
- **Examining the Prevalence and Dynamics of AI-Generated Media in Art Subreddits**
Hana Matatov, Marianne Aubin Le Quéré, Ofra Amir, Mor Naaman. *Under Review.*

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] **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.*
- [2] **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.*
- [3] **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.*
- [4] **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, *Climate Action 2023.*
- [5] **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.*
- [6] **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.*
- [7] **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.*
- [8] **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] **Towards Identifying Local Content Deserts with Open-Source Large Language Models**
Marianne Aubin Le Quéré, Siyan Wang, Tazbia Fatima, and Michael Krisch. *Accepted to Computation & Journalism Symposium, 2024.*
- [2] **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.*

- [3] **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, 2024.* **Top Paper Award.**
- [4] **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.*
- [5] **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.*
- [6] **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.*
- [7] **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.*
- [8] **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.*
- [9] **Trusting AI in Under-Resourced Environments: Lessons from Local Journalism**
Marianne Aubin Le Quéré and Maurice Jakesch. *CHI TRAIT workshop, 2022.*

Other Writing

- [1] **Rethinking AI and Local News**
Marianne Aubin Le Quéré. *Digital Life Initiative Critical Reflections Blog, 2022.*
- [2] **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, including running a survey with 4k+ users to users of sense of 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

Selected Invited Talks & Panels

- 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 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

- 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

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