

lauren m. chambers

lauren@ischool.berkeley.edu | laurenmarietta.github.io | pronouns: she/her/hers

education

- 2021 – Pres. **University of California, Berkeley**
Ph.D. in Information Science (School of Information)
Advisor: Deirdre Mulligan | Dissertation Committee: Catherine Albiston (Law), Diag Davenport
- 2013 – 2017 **Yale University**
B.S. in Astrophysics and African American Studies
Theses: *A Different Kind of Dark Energy: Placing Race and Gender in Physics*;
Understanding Gas-Phase Ammonia (NH₃) Chemistry in Proto-Planetary Disks
Honors: Phi Beta Kappa, magna cum laude, graduated with distinction in both majors, departmental prizes in both majors

research experience

Berkeley School of Information *Doctoral Research* 2021 – Pres.
“From Public Interest Technology to Advocacy Technology: The World of ‘Tech for Good’ within Civil Society”

- Investigating how ‘public interest technology’ (PIT) manifests when embedded within mission-driven sociopolitical advocacy organizations: a trend I term *advocacy technology*.
- Seeking to understand what it means to “do PIT” within advocacy settings, and how these explicitly sociotechnical workers navigate and influence both policy and technological change in the 21st century.
- Arguing that a greater focus on technological personnel, processes, and changes within civil society and not-for-profit work is critical for modern understandings of advocacy, technology, and policy.

Center for Democracy & Technology *Summer Internship* 2023
- Convening and facilitating roundtable of public interest technologists and CTOs working in civil society
- Using the bigbang software package to explore inclusive practices among Internet standards-developing organizations, including IETF and W3C

Yale African American Studies Dept. *Undergraduate Thesis* 2016 – 2017
“A Different Kind of Dark Energy: Placing Race and Gender in Physics” | Advisor: Hazel Carby
- Analyzing physical and astronomical theory through the lens of critical race theory and feminist theory in an effort to understand the effects of a racist-sexist society on scientific ways of knowing

Harvard Center for Astrophysics & Yale Astronomy Dept. *Undergraduate Thesis* 2016 – 2017
“Understanding Gas-Phase Ammonia (NH₃) Chemistry in Proto-Planetary Disks” | Advisors: Karin Öberg & Hector Arce
- Optimizing a numerical astrochemical model to investigate NH₃/H₂O ratios in proto-planetary disks

publications & papers

Peer-Reviewed Articles & Conference Proceedings

9. **Lauren M. Chambers.** *Tracing Histories of Critical Technical Practice: From “Tech for Good” to “Public Interest Tech” and Beyond.* [in prep]
8. **Lauren M. Chambers.** *The Public Interest Technology Job Description: Situating Advocacy Technologists’ Professional Work Tasks, Goals, and Impacts.* [in prep]
7. **Lauren M. Chambers,** Steven Luo, Kylie Nguyen. *Undergraduate Peer-to-Peer Mentorship in Public Interest Technology and Critical Technical Practice* [in prep]

6. **Lauren M. Chambers**, Diag Davenport. 2026. *Putting the 'Practice' in Critical Technical Practice: A Decision-Making Pedagogy for the Public Interest Technology Clinic*. ACM Conference on Fairness, Accountability, and Transparency (ACM FAccT '26), Montreal, Canada. [DOI: 10.1145/3805689.3806542](https://doi.org/10.1145/3805689.3806542)
5. **Lauren M. Chambers**. 2025. *Beyond Big Tech: Advocacy Technologists within Mission-Driven Civil Society Organizations*. ACM Conference on Computer-Supported Cooperative Work (ACM CSCW '25), Bergen, Norway. [DOI: 10.1145/3757559](https://doi.org/10.1145/3757559) (one-page [infographic](#))
4. Colin Doyle, Melissa Garcia Alvarez, Pelle Tracey, Gabriel Grill, Cedric Whitney, **Lauren M. Chambers**. 2024. *Reparations of the Horse? Algorithmic Reparation and Overspecialized Remedies*. Big Data & Society, Vol. 11, Issue 3, [DOI: 10.1177/20539517241270670](https://doi.org/10.1177/20539517241270670)
3. Amina A. Abdu, **Lauren M. Chambers**, Deirdre K. Mulligan, and Abigail Z. Jacobs. 2024. *Algorithmic Transparency and Participation through the Handoff Lens: Lessons Learned from the U.S. Census Bureau's Adoption of Differential Privacy*. ACM Conference on Fairness, Accountability, and Transparency (ACM FAccT '24), Rio de Janeiro, Brazil. [DOI: 10.1145/3630106.3658962](https://doi.org/10.1145/3630106.3658962)
2. **Lauren M. Chambers**. 2019. *A Different Kind of Dark Energy: Evidence for Placing Race and Gender in Physics*. Astro2020: Decadal Survey on Astronomy and Astrophysics, APC white papers, no. 162; *Bulletin of the American Astronomical Society*, Vol. 51, Issue 7, id. 162, [Bibcode: 2019BAAS...51g.162C](https://bibcode.org/2019BAAS...51g.162C)
1. C. De Grandi, Z. Smithline, P. Reeves, L. Goetz, N. Barbour, E. Hairston, J. Guo, F. Muraina, J. Bervell, **Lauren M. Chambers**, H. Caines, A. Miranker & S. Mochrie. 2019. *STEM Climate survey developed through student-faculty collaboration*. Teaching in Higher Ed., Vol 26, Iss 1, [DOI: 10.1080/13562517.2019.1636219](https://doi.org/10.1080/13562517.2019.1636219)

Workshop Papers & Preprints

*equal contribution

5. **Lauren M. Chambers**, Dan Bateyko, Jared Katzman. *Mapping Funding Landscapes Of Civil Society And Public Interest Technologies: Voids, Trends, And Stakes*. Privacy Law Scholars Conference, Los Angeles, CA (May 2025)
4. Mallory Knodel, Mallika Balakrishnan, **Lauren M. Chambers**. *Shaping a Profession, Building a Community: Integrating Public Interest Technologists into Civil Society*. (August 2025) ([arXiv](#)) ([blog](#))
3. Roderic Crooks, Uriel Serrano, ... **Lauren M. Chambers**, et al. *Critical Connections: Datafication and Community Activism*. Datafication and Community Activism Workshop, Irvine, CA (April 2024) ([essay](#))
2. Amina Abdu*, **Lauren M. Chambers***, Abigail Z. Jacobs, Deirdre K. Mulligan. *Transparency, Technocracy, and Trust in Participatory Algorithmic Governance: Lessons Learned from the US Census' Implementation of Differential Privacy*. Privacy Law Scholars Conference, Boulder, CO (June 2023) ([PDF](#))
1. Amina Abdu*, **Lauren M. Chambers***, Abigail Z. Jacobs, Deirdre K. Mulligan. *The Limits of (Algorithmic) Transparency: Lessons Learned from the US Census' Implementation of Differential Privacy*. Yale Information Society Project's Data (Re)Makes the World Workshop, New Haven, CT (March 2023)

professional experience

University of California, Berkeley, School of Information, Berkeley, CA

2025– Present

“Public Interest Technology Clinic” (INFO 285) Peer Advisor & Course Assistant

- Providing students with feedback on project management, data analysis, data visualization, and more
- Conducting observations of class dynamics and activities to inform pedagogy in public interest technology clinics

2025– Present

Public Interest Technology Oral Histories, Project Advisor

- Working with staff at the UC Berkeley Bancroft Library Oral History Center (Paul Burnett and Elizabeth Semler) as they design and execute oral histories chronicling the development of public interest technology

2024 – Present

I School Python Bootcamp Designer & Instructor

- As the sole instructor, designing & teaching a summer workshop for incoming PhD & Master's students, inc. recorded lessons and Jupyter labs totaling 24 hr. of content. Taught topics from coding basics to object-oriented programming.

Jan – May 2024 “Social Issues of Information” (INFO 203) Graduate Student Instructor

- Curating course readings, assembling course syllabi, designing assignments, promoting an inclusive classroom
- Planning and leading lectures on social harms and information technology
- Mentoring and advising students on technical, research, and professional skills

American Civil Liberties Union of Massachusetts, Boston, MA

2021 – 2023 Technology for Liberty Consultant

2020 – 2021 Staff Technologist

2019 – 2020 Technology Fellow

- Promotion to permanent staff technologist (first to hold role) after less than a year for exceptional performance
- Advancing the Technology for Liberty Project in promoting synergy between new technology and civil rights
 - Consulting on and [writing](#) about how the latest technological research affects algorithmic governance
- Supporting advocacy around responsible technology, racial justice, criminal law reform, government accountability, and other civil rights issues by using data to inform citizens and enable accountability about the effects of litigation, legislation, and political leadership
 - Exploring, analyzing, and visualizing government datasets with R
 - Developing [interactive web interfaces](#) for public data visualizations in R Shiny, HTML, CSS, & Javascript
 - Evaluating civil rights concerns during the COVID-19 pandemic: data.aclum.org/covid-19/
 - Engaging the public in ACLU work and public interest technology through talks, [blogs](#), and [tweets](#)
- Updating and maintaining the Data for Justice server and website: data.aclum.org

Space Telescope Science Institute, Baltimore, MD

2018 – 2019 Research and Instrument Analyst II

2017 – 2018 Research and Instrument Analyst I

- Promotion received for superior performance during first year
- Supporting the James Webb Space Telescope mission in preparation for launch and commissioning in 2021
 - Developing interactive software tools in Python using engineering best practices
 - Writing procedures for and participating in team commissioning operational rehearsals
 - Enhancing existing simulator software to generate higher-fidelity commissioning images
 - Analyzing results of fine guidance sensor (FGS) flight software simulations
- Deputy Technical Lead for JWST Quicklook (observatory performance trending and analysis application)
 - Managing collaborative software development with [GitHub](#); designing web app in Python Django
- Developing Jupyter notebook tutorials with the Community Software Initiative

🏆 honors & awards

- 2023 – Pres. **National Science Foundation Graduate Research Fellowship**
- 2023 – Pres. **Ford Foundation Predoctoral Fellowship** (*final cohort of fellows*)
- 2025 – Pres. **Public Voices Fellowship on Technology in the Public Interest**, The Oped Project & MacArthur Foundation
- 2024 – Pres. **Berkeley Institute for the Study of Societal Issues**, Affiliated Graduate Student
- Jul. 2026 **Oxford-Berkeley Summer Doctoral Programme**, department scholarship (\$4,000)
- Jun. 2026 **ACM FAccT Doctoral Colloquium** participant
- Aug. 2025 American Cultures Engaged Scholarship Program, **Chancellor’s Public Fellow** (\$1,500)
- Aug. 2025 Coding It Forward summer fellowship, **Mentoring It Forward Award**
- Mar. 2025 Berkeley School of Information **Outstanding Graduate Student Instructor Award**
- Jun. 2024 Honorable Mention, **ACM FAccT Diversity, Equity, & Inclusion Scholarship**
- Jun. 2024 **ACM FAccT Doctoral Colloquium** participant
- Mar. 2024 **Berkeley Institute for Research on Labor & Employment (IRLE)**, Graduate Research Award (\$5,000)

2023 – 2024	Berkeley Empirical Legal Studies (BELS) Fellowship , Center for the Study of Law & Society (\$2,000)
2021 – 2023	Berkeley Fellowship , “awarded to outstanding applicants to doctoral programs in all fields”
2020 – 2023	Harvard Berkman Klein Center for Internet & Society , Affiliate
2021 – 2022	I School Graduate Scholar Program , for “leadership in diversity, equity, and inclusion”
Nov. 2020	Boston Bar Association President’s Award , for involvement in <i>CPCS vs. Chief Justice of the Trial Court</i> which advocated on behalf of incarcerated individuals in Massachusetts prisons & jails during COVID-19
Aug. 2018	American Astronomical Society Education & Professional Development Grant Awardee, in support of the Know Your Power Workshop at the 2019 AAS Winter Conference
Apr. 2018	STScI Team Achievement Award , “for organization of the workshop ‘Concrete Steps to Make your Institution More Inclusive’”
May 2017	Phi Beta Kappa , Alpha chapter of Connecticut
May 2017	George Beckwith Prize , “to the undergraduate most proficient in some branch of astronomy.”
May 2017	William Pickens Prize , “for an outstanding senior essay in the field of African American Studies.”
2015 – 2017	Edward A. Bouchet-Robertson Fellowship , “to increase the number of minority students and others with a demonstrated commitment to eradicating racial disparities who will pursue PhDs”
Jan. 2017	Chambliss Outstanding Student Poster Presentation Award , AAS Winter Conference 2017
Summer 2016	Harvard-Smithsonian Banneker-Aztlán Institute for astronomers of color, Core Student (program)
Aug. 2015	NASA Goddard John Mather Nobel Scholar
2013	National Achievement Scholar; National Merit Scholarship Finalist

⚙️ additional skills

Software Development & Data Analysis:

- Python (including pandas, matplotlib, NumPy, Astropy, SciPy, PyQt, Django, scikit-learn, Jupyter notebooks; specific coursework in applied machine learning, astronomical research methods, and astrostatistics)
- R (including dplyr, ggplot, leaflet, shiny, plotly)
- git (GitHub & GitLab)
- Unix/Bash
- HTML, CSS, Javascript, Wordpress
- LabVIEWx
- Continuous integration (Travis/Jenkins/GitLab CI)
- Server management with Apache
- MAXQDA

General Computer:

- Microsoft Office, iWork, G Suite
- LaTeX / Overleaf
- Atlassian collaboration tools (Jira, Confluence, Sourcetree)

Language:

- Spanish (intermediate speaking, reading, & writing)
- French (intermediate reading; basic speaking & writing)

Hobbies:

yoga (200-hour teacher certification), ballet, board games, concerts, disc golf, puzzles, writing & editing Wikipedia articles

⚙️ workshop design & facilitation

Sep. 2025	“Sociotechnical Perspectives on Public Interest Technology” Open Panel Co-Organizer , 4S Conference <i>Wrote call for papers; reviewed abstracts; hosted 10 presenters & facilitated discussion in hybrid panel</i>
Jun. 2025	“Public Interest Technology (PIT) Clinics as Applied Sociotechnical Pedagogy” Tutorial , ACM FAccT <i>Presented hybrid tutorial about designing service learning ‘clinics’ for CS/data science students (website)</i>
Apr. 2025	“Emerging Practices in Participatory AI Design in Public Sector Innovation” Workshop , ACM CHI <i>Wrote call for papers; reviewed abstracts; contributed to hybrid workshop design (website)</i>
Nov. 2023	“IYKYK: Black Studies in Dialogue with STS” Open Panel Co-Organizer , 4S Conference <i>Wrote call for papers; reviewed abstracts; hosted 8 presenters & facilitated discussion in virtual panel</i>
2021 – 2022	“Effective Data Visualization” Organizer , Boston University Spark! Lab (slides)
Nov. 2019	“Drag v. AI” Organizer , Boston Public Library <i>Collaborating with the Algorithmic Justice League; Exploring drag makeup as resistance to facial analysis “cistems;” Presenting on local ACLU political advocacy.</i>

- 2018 – 2019 **“Know Your Power” Organizer**, 2019 Winter American Astronomical Soc. (AAS) Conference
Designing, organizing, and facilitating a panel; Examining what power participants hold, at all career stages, to improve institutions; Funded by the AAS Education Committee; Featured on [astrobit.es](#)
- Jan. 2019 **“Build a Website in 60 Minutes or Less” Facilitator**, 2019 Winter AAS Conference
- Jan. 2019 **“Using Python’s astropy for Astronomical Data Analysis” Facilitator**, 2019 Winter AAS Conference
- 2017 – 2019 **“Concrete Steps to Make Your Workplace More Inclusive” Organizer**, STScl & 2018 AAS Conference

mentorship & community involvement

Service to the Discipline (Information Science)

- 2026 – Pres. **Chair**, Labor Tech Research Network Social Justice Award Committee
- 2026 – Pres. **Job Board Manager**, Labor Tech Research Network
- 2024 – Pres. **Berkeley Algorithmic Fairness & Opacity Working Group (AFOG)**, Co-organizer
- 2020 – Pres. **Coding it Forward Civic Digital Fellowship**, Mentor
Advising undergraduate fellows on professionalism and the landscape of civic technology careers
- Apr. 2025 **“Life After College: Technology, Ethics, Society & Grad School” Panelist**, Georgetown University
- 2020 – 2021 **“Police in Politics” Project Advisor**, Boston University Spark! Lab
Advising data science projects around policing with Boston University students as ACLU representative
- Mar. 2021 **“A Look Into the Near Future: Opportunities in Public Interest Technology” Panelist**, U. Penn
- Dec. 2020 **Mentoring Roundtable**, 2020 NeurIPS Women in Machine Learning Workshop
Advising early-career women in computer science about work within non-profit organizations
- Sep. 2020 **Mentoring Circle**, 2020 Virtual Grace Hopper Conference
Advising early-career women in tech on “How To Adult” (bit.ly/how-to-adult)
- May 2020 **Mentor**, MIT COVID-19 Datathon, *Advising projects related to COVID-19, social disparities, & policy*

Service to the University

- 2024 – Pres. **PhD Student Representative**, Berkeley I School
- 2021 – Pres. **Berkeley I School PhD Applicant Feedback Program**, Volunteer
Providing detailed feedback on 4-6 underrepresented prospective PhDs’ application materials each year
- 2022 – 2024 **Berkeley I School Diversity, Equity, Inclusion, Belonging, and Justice Working Group**, Student Rep
- 2021 – 2024 **Berkeley I School PhD Applicant Feedback Program**, Co-Organizer, *Coordinating student volunteers*
- 2023 – 2024 **Technical Consulting Fellow**, Berkeley Social Science Data Laboratory (D-Lab)
- 2023 – 2024 **Berkeley I School Dean Search Committee**, Student Representative
Reviewed & interviewed candidates alongside university leadership; successfully recruited Eric T. Meyer
- Oct. 2022 **Judge**, Berkeley InfoCamp 2022: “Tech-Ethics” Ideathon
- 2016 – 2017 **First-year Counselor**, Yale College Dean’s Office
Competitive leadership role providing academic, professional, social, & emotional support for first years
- 2015 – 2017 **Yale Admissions STEM Likely Team**, *Advising prospective astrophysics students about STEM at Yale*
- 2015 – 2016 **Science Tour Guide**, Yale Admissions Office

Service to the Discipline (Astronomy & Physics)

- Oct. 2021 **“Dear Undergrad: Transition from Undergraduate to Graduate Student” Panelist**, Black in Physics
Sharing insights on choosing/starting a PhD program, as an ex-astrophysicist & Black woman ([recording](#))
- 2019 **Local Organizing Committee (LOC) Chair**, Inclusive Astronomy 2 Conference
- 2018 – 2019 **Diversity and Inclusion Working Group Member**, STScl Office of the Director
- 2018 – 2019 **Social Justice Reading Group Organizer**, STScl
- 2015 – 2016 **Science, Technology, and Research Scholars (STARS) Peer Mentor**, Yale College Dean’s Office
Advising and mentoring underrepresented first years in STEM (gender & racial minorities)

2015 – 2017 **Yale Physics Department Climate & Diversity Committee**, Undergraduate Representative
2014 – 2016 **Yale Women in Physics Club**, Secretary

Extracurricular Projects

2023 – Pres. **Berkeley International & Area Studies (ORIAS) Speakers Bureau**, K-12 & College Speaker
Mar. 2022 **Palestine Trek**, *Political solidarity coalition of Berkeley/Stanford grad & law students in the West Bank*
2014 – 2017 **Racial and Ethnic Openness Club**, *Undergraduate discussion group exploring multiracial identity*
2014 – 2016 **Yale Undergraduate Aerospace Association**, *Designing & constructing two telescopes and software*

Podcast Appearances

2026 **The Federal Drive with Terry Gerton**, "A once-gutted government tech program is coming back to life as OPM prepares to hire its first TechForce cohort" ([podcast](#))
2025 **Data for Good**, "Advocacy Technology" ([podcast](#))
2021 **Think Civic**, "From Astrophysics to the ACLU of Massachusetts" ([podcast](#))
2018 **Get This Girl a Job**, "Inclusive Astronomy and Leadership" ([blog](#))

public writing

Opinion Pieces

Jan. 2026 "Trump's Big Tech takeover of the federal workforce," *The Hill*, [Op-Ed](#).
Nov. 2025 "Beyond Big Tech: Why 'advocacy technology' will be the next hot career in AI-driven world," *Local News Matters*, [Op-Ed](#).

Blogs & Reports

Oct. 2023 "Exploring Inclusive Language Adoption in Internet Standards," *Center for Democracy & Tech.*, [Blog](#).
May 2021 "More of the Same: Unpacking the 2022 Boston Police Budget," *Data for Justice*, [Blog](#).
Apr. 2021 "A Mayor's Roadmap to Curb Boston Police Overtime," *Data for Justice*, [Blog](#).
Mar. 2021 "How To Programmatically Create Dozens Of Wordpress Pages To Catalogue Thousands Of Documents," *Python In Plain English* and *Data For Justice*, [Blog](#).
Mar. 2021 "Clearview, Cameras, And Karen: Newly Released Documents Expose Facial Recognition Technologies Used Across Massachusetts," *Data For Justice*, [Blog](#).
Dec. 2020 "Data Show COVID-19 Out of Control Across MA Prisons & Jails," *Data for Justice*, [Blog](#).
Nov. 2020 "Boston Police Department Court Overtime," *Data for Justice*, [Report](#).
Sep. 2020 "Bias all the way down: Research shows domino effect when humans use face recognition algorithms," *Privacy SOS*, [Blog](#).
Aug. 2020 "Wear a mask: Federal study finds COVID-19 masks fool face recognition," *Privacy SOS*, [Blog](#).
Jul. 2020 "Break up with BRIC: Unpacking the Boston Regional Intelligence Center budget," *Data for Justice*, [Blog](#).
Jun. 2020 "Unpacking the Boston Police budget," *Data for Justice*, [Blog](#).
May 2020 "Internet deserts prevent remote learning during COVID-19," *Data for Justice*, [Blog](#).
Apr. 2020 "Incarcerated and in danger: COVID-19 in Massachusetts prisons & jails," *Data for Justice*, [Blog](#).
Apr. 2020 "Data show COVID-19 is hitting essential workers and people of color hardest," *Data for Justice*, [Blog](#).
Feb. 2020 "Five fast facts from a federal study of demographic bias in facial recognition," *Privacy SOS*, [Blog](#).

posters & presentations

The "Dark Side" of AI: Technological Oppression in the Modern Era (*Berkeley ORIAS Speakers Bureau*)

- *Invited Talk*: Apr. 2026, Sacramento City College
- *K-12 Talk*: Mar. 2026, Mill Valley Middle School, 7th & 8th grade Global Studies
- *K-12 Talk*: Mar. 2026, Marin Academy, 9th-12th grade AI Student Advisory Committee

- *K-12 Talk:* May 2025, Aragon High School, 12th grade AP Government & Honors Economics
- *K-12 Talk:* Apr. 2025, Freedom High School, 11th & 12th grade Peace & Conflict Studies
- *Invited Talk:* Apr. 2025, *Global Issues / Current World Problems* class at Berkeley City College
- *K-12 Talk:* May 2024, Making Waves Academy, 11th & 12th grade AP Computer Science Principles
- *Invited Talk:* May 2024, *Global Issues / Current World Problems* class at Berkeley City College
- *K-12 Talk:* May 2024, Oakland High School, 10th grade world history
- *K-12 Talk:* Mar. 2024, Developing Virtue Secondary School, 9th & 10th grade boys, 6th-12th grade girls

Hiring Technologists to Advance Your Mission: Lessons from Research

- *Talk:* Mar. 2026, Nonprofit Technology Conference ([slides](#))

Clinical Education in Public Interest Technology: A Decision-Centered Approach

- *Poster:* Mar. 2026, ACM Symposium on CS & Law ([poster](#))
- *Talk:* Feb. 2026, Harvard Berkman Klein Center, Public Interest Technology Working Group
- *Talk:* May 2025, Berkeley Teaching and Learning Conference ([website](#))

Intro to AI Bias & Fairness

- *Invited Talk:* Feb. 2026, *AI and Society* class at UC Berkeley Haas School of Business
- *Invited Talk:* Nov. 2025, *AI Ethics for Leaders* class at UC Berkeley Haas School of Business

Executing a Public Interest Tech Research Agenda: Insights from Social Science

- *Talk:* Nov. 2025, Mozilla Festival 2025, Barcelona ([slides](#))

Beyond Big Tech: Advocacy Technologists in Mission-Driven Civil Society Organizations

- *Talk:* Oct. 2025, Berkeley Executive Fellows in Applied Tech Policy, Tech Policy Week
- *Talk:* Oct. 2025, ACM Conference on Computer-Supported Cooperative Work (CSCW)
- *Invited Talk:* Sep. 2025, Berkeley School of Information 107th Birthday Celebration
- *Talk:* Apr. 2025, Berkeley Algorithms, Data & Society (ADS) Reading Group
- *Talk:* Mar. 2025, Berkeley School of Information PhD Research Reception ([recording](#))
- *Talk:* Feb. 2025, Berkeley AI & Society Community Mixer

What Can Data Do for Advocacy? Learning from Public Interest Technologists

- *Talk:* Nov. 2024, Data for Black Lives Conference ([website](#))

Disrupting Overpowered AI: Facial Recognition and Beyond

- *Invited Talk:* Apr. 2024, *Data, Justice, & Society* class at UCLA

Limits of (Algorithmic) Transparency: Lessons Learned from the US Census' Implementation of Differential Privacy

- *Panel:* March 2023, Yale Law Info. Society Project *Data (Re)Makes the World* Workshop ([recording](#))

Tech Storytelling for Oppositionists and Others

- *Keynote:* May 2022, Code4Lib Conference ([recording](#))

Technology for Liberty: Advocating For (and With) Responsible Tech in Massachusetts

- *Invited Talk:* Aug. 2024, NSF ALL-SPIICE Alliance data justice seminar
- *Invited Talk:* July 2021, Coding it Forward summer fellowship talk series
- *Invited Talk:* Dec. 2020, Harvard Women in Technology + Allies speaker series
- *Invited Talk:* Nov. 2020, [Impactful](#) Social Impact Technology community speaker series
- *Invited Talk:* Sep. 2020, Stanford Public Interest Technology Lab fall speaker series
- *Invited Talk:* Sep. 2020, Davidson College Math & CS Department Colloquium ([recording](#))
- *Invited Talk:* July 2020, *Race, Science, & Society* class at University of Maryland, Baltimore County

Banning Government Face Surveillance in Massachusetts

- *Talk:* Feb. 2022, Mechanism Design 4 Social Good (MD4SG) Algorithms, Law & Policy Working Group
- *Talk:* Jan. 2021, *Algorithms and Society* class at the University of Michigan
- *Invited Talk:* Sep. 2020, *AI and the Law* class at Boston College
- *Talk:* July 2020, RightsCon ([recording](#))
- *Invited Talk:* Apr. 2020, *Urban Science for Social Good* class at MIT
- *Talk:* Nov. 2019, Drag v. AI Workshop ([event video](#))

From Astrophysics to the ACLU: Physics, Data, and Justice

- *Invited Talk:* Apr. 2021, Notre Dame Physics Department Colloquium

Public Interest Technology: Using Data & Technology for Good

- *Invited Talk:* Feb. 2021, Harvard Model Congress seminar

A Different Kind of Dark Energy: Placing Race and Gender in Physics

- *Invited Talk:* Sep. 2020, Davidson College Physics Department Colloquium
- *Talk:* Sep. 2018, (dot) Astronomy X Conference ([recording](#))
- *Talk:* Apr. 2017, Yale Mellon-Bouchet Fellowship Senior Symposium
- *Talk:* Apr. 2017, Yale Astronomy Senior Thesis Colloquium
- *Talk:* Apr. 2017, Yale Undergraduate Ethnic Studies Colloquium
- *Talk:* Apr. 2017, Yale African American Studies Senior Thesis Colloquium
- *Talk:* Nov. 2016, Timothy Dwight College Mellon Forum

Unpacking the Boston Regional Intelligence Center (BRIC) Budget

- *Testimony:* July 2020, Boston City Council Public Safety Committee Hearing ([recording](#))

Unpacking the Boston Police Budget

- *Invited Talk:* Aug. 2020, Boston Women in Machine Learning & Data Science Meetup
- *Talk:* July 2020, ACLU of Massachusetts Webinar on Police Accountability
- *Testimony:* June 2020, Boston City Council FY21 Budgetary Hearing ([recording](#))

Using Data to Support Civil Liberties Advocacy During the COVID-19 Pandemic

- *Talk:* July 2020, Coding it Forward Summer Fellowship Talk Series
- *Talk:* Apr. 2020, ACLU Nationwide Staff Convening (*1,100+ in attendance on Zoom*)
- *Talk:* Apr. 2020, ACLU Nationwide Webinar on Race & COVID-19

A More Perfect Deployment: Where the ACLU Meets AI

- *Talk:* Mar. 2020, Harvard Center for Research on Computation and Society Workshop on AI for Social Impact

Preparing for JWST Commissioning, Calibration, and Science with the Multi-Instrument Ramp Generator (MIRaGe)

- *Poster:* Jan. 2019, 233rd American Astronomical Society Winter Conference ([PDF](#))

The Legacy of Black Physicists at Yale

- *Talk:* May 2017, Yale Afro-American Cultural Center History Keepers Project Symposium

Understanding Ammonia Chemistry in Protoplanetary Disks

- *Talk:* Apr. 2017, Yale Astronomy Senior Thesis Colloquium
- *Poster:* Jan. 2017, 229th American Astronomical Society Winter Conference ([PDF](#))
- *Poster:* Oct. 2016, National Society of Black Physicists Conference, Fermilab
- *Talk:* Sep. 2016, Mellon Mays Northeastern Regional Undergraduate Conference, Wellesley College
- *Talk:* Sep. 2016, Yale Astronomy Department Fall 2016 Undergraduate Kick-Off
- *Poster:* Sep. 2016, Yale Undergraduate Research Symposium

- *Talk:* Aug. 2016, Banneker Institute Symposium, Harvard-Smithsonian Center for Astrophysics ([recording](#))

Design of a High-Purity Germanium Compton Spectrometer for the DM-Ice Dark Matter Search

- *Talk:* May 2016, Yale Wright Laboratory
- *Talk:* Mar. 2016, Mellon Regional Writing and Research Symposium, Yale University

Modularized Software Control of the RIMAS Instrument for Rapid-Response Gamma Ray Burst Observations

- *Poster:* Aug. 2015, NASA Goddard Space Flight Center Summer Student Poster Session ([PDF](#))

Characterization of the GaAsSb Photocathode with the Micro-Mott Electron Polarimeter

- *Poster:* Aug. 2013, Jefferson Lab Summer Student Poster Session
- *Talk:* May 2013, Virginia Governor's School for Science & Technology Senior Symposium