

# Ben Green

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APPOINTMENTS	<b>University of Michigan</b> Assistant Professor, School of Information Assistant Professor (by courtesy), Gerald R. Ford School of Public Policy Assistant Professor (non-TT), Gerald R. Ford School of Public Policy Postdoctoral Scholar, Society of Fellows	2023–Present 2023–Present 2020–2023 2020–2023
EDUCATION	<b>Harvard University</b> PhD in Applied Mathematics (Secondary Field in Science, Technology, & Society) MS in Applied Mathematics  <b>Yale University</b> BS in Mathematics & Physics, with distinction (Cum Laude)	2020 2016  2014
OTHER AFFILIATIONS	<b>Berkman Klein Center for Internet &amp; Society at Harvard</b> Faculty Associate Affiliate Fellow  <b>Center for Democracy &amp; Technology</b> Fellow  <b>AI Now Institute at New York University</b> Research Fellow	2023–Present 2018–2023 2016–2018  2022–2024  2019–2020
GRANTS AND FELLOWSHIPS	Michigan Institute for Data & AI in Society PODS Grant Google Award for Inclusion Research Grant University of Michigan Society of Fellows Berkman Klein Center for Internet & Society Fellowship Harvard Kennedy School Taubman Center Urban Experience Fellowship NSF Graduate Research Fellowship DOD Science and Engineering Graduate Fellowship (declined) Herbert Winokur SEAS Graduate Fellowship Eric & Wendy Schmidt Data Science for Social Good Summer Fellowship Dwight Hall at Yale Urban Fellowship New Haven Mayor’s Community Arts Grant Yale President’s Public Service Fellowship Alan S. Tetelman 1958 Fellowship for International Research in the Sciences	2024 2023 2020 2016 2016 2015 2015 2015 2014 2013 2013 2013 2011
AWARDS AND HONORS	Sigma Xi, Full Member Privacy Papers for Policymakers Award, Future of Privacy Forum Best Paper Award, ACM CSCW Best Technical and Interdisciplinary Paper Award, ACM FAT* Best Paper Award (Public Policy Track), AI for Social Good Workshop (NeurIPS)	2026 2022 2019 2019 2019
BOOKS	Ben Green. <i>Algorithmic Realism: Data Science Practices to Promote Social Justice</i> . MIT Press. Forthcoming Fall 2026.  Ben Green. <i>The Smart Enough City: Putting Technology in Its Place to Reclaim Our Urban Future</i> . MIT Press. 2019. [Translations: Chinese, Japanese, Persian]	

PEER-REVIEWED  
ARTICLES  
(underline indicates  
student mentee)

Shreya Chowdhary and Ben Green. “Movement Data Science: A Relational Approach to Situating Data Scientists’ Roles in Social Justice Efforts.” *Proceedings of the ACM on Human-Computer Interaction*, CSCW. 2026.

Nel Escher, Nikola Banovic, and Ben Green. “Algorithm Auditing Policies Rest on Flawed Assumptions About Public Sector Systems.” *Proceedings of the 2026 ACM Conference on Fairness, Accountability, and Transparency (FAcT)*. 2026.

Jared Katzman, Ben Green, and Tawanna Dillahunt. “Designing for Proactive Accountability: Lessons on Governing Technology from Detroit’s Food Sovereignty Movement.” *Proceedings of the ACM CHI Conference on Human Factors in Computing Systems*. 2026.

Nel Escher, Jeffrey Bilik, Nikola Banovic, and Ben Green. “Code-ifying the Law: How Disciplinary Divides Afflict the Development of Legal Software.” *Proceedings of the ACM on Human-Computer Interaction*, vol. 8, CSCW2. 2024.

Ben Green. “The Flaws of Policies Requiring Human Oversight of Government Algorithms.” *Computer Law & Security Review*, vol. 45. 2022. **Future of Privacy Forum Privacy Papers for Policymakers Award**

Ben Green. “Escaping the Impossibility of Fairness: From Formal to Substantive Algorithmic Fairness.” *Philosophy & Technology*, vol 35. 2022.

Yaniv Yacoby, Ben Green, Christopher L. Griffin, and Finale Doshi-Velez. “‘If it didn’t happen, why would I change my decision?’: How Judges Respond to Counterfactual Explanations for the Public Safety Assessment.” *Proceedings of the AAAI Conference on Human Computation and Crowdsourcing (HCOMP)*, vol. 10. 2022.

Ben Green and Yiling Chen. “Algorithmic Risk Assessments Can Alter Human Decision-Making Processes in High-Stakes Government Contexts.” *Proceedings of the ACM on Human-Computer Interaction*, vol. 5, CSCW2. 2021.

Ben Green. “Data Science as Political Action: Grounding Data Science in a Politics of Justice.” *Journal of Social Computing*, vol. 2, no. 3. 2021.

Ben Green. “The Contestation of Tech Ethics: A Sociotechnical Approach to Technology Ethics in Practice.” *Journal of Social Computing*, vol. 2, no. 3. 2021.

Ben Green and Salomé Viljoen. “Algorithmic Realism: Expanding the Boundaries of Algorithmic Thought.” *Proceedings of the ACM Conference on Fairness, Accountability, and Transparency (FAT\*)*. 2020.

Ben Green. “The False Promise of Risk Assessments: Epistemic Reform and the Limits of Fairness.” *Proceedings of the ACM Conference on Fairness, Accountability, and Transparency (FAT\*)*. 2020.

Ben Green and Yiling Chen. “The Principles and Limits of Algorithm-in-the-Loop Decision Making.” *Proceedings of the ACM on Human-Computer Interaction*, vol. 3, CSCW. 2019. **Best Paper Award**

Ben Green and Yiling Chen. “Disparate Interactions: An Algorithm-in-the-Loop Analysis of Fairness in Risk Assessments.” *Proceedings of the ACM Conference on Fairness, Accountability, and Transparency (FAT\*)*. 2019. **Best Technical and Interdisciplinary Paper Award**

Ben Green, Thibaut Horel, and Andrew Papachristos. “Modeling contagion through social networks to explain and predict gunshot violence in Chicago, 2006 to 2014.” *JAMA Internal Medicine*, vol. 177, no. 3. 2017.

Ben Green, Paul Bardunias, J. Scott Turner, Radhika Nagpal, and Justin Werfel. “Excavation and aggregation as organizing factors in de novo construction by mound-building termites.” *Proceedings of the Royal Society B*, vol. 284, no. 1856. 2017.

Ben Green, Alejandra Caro, Matt Conway, Robert Manduca, Tom Plagge, and Abby Miller. “Mining administrative data to spur urban revitalization.” *Proceedings of the 21st ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD)*. 2015.

WORKSHOP AND  
SHORT PAPERS

Jared Katzman, Tawanna Dillahunt, and Ben Green. “Anticipation Is More Than Prediction: Proactively Preventing Harms in AI Development.” *CHI Workshop on Sociotechnical AI Governance*. 2025.

Nel Escher, Jeffrey Bilik, Alexander Miller, Jennifer Jiyong Huseby, Divya Ramesh, Alice Liu, Sam Mikell, Nina Cahill, Ben Green, Nikola Banovic. “Cod(e)ifying The Law.” *1st Workshop on Programming Languages and the Law*. 2022.

Yaniv Yacoby, Ben Green, Christopher L. Griffin, and Finale Doshi-Velez. “‘If it didn’t happen, why would I change my decision?’: How Judges Respond to Counterfactual Explanations for the Public Safety Assessment.” *CHI Workshop on Human-Centered Perspectives in Explainable AI*. 2022.

Ben Green. “Reply: Hermeneutical injustice in sociotechnical systems.” *Journal of Cross-disciplinary Research in Computational Law*. 2021.

Ben Green and Yiling Chen. “Algorithm-in-the-Loop Decision Making.” *AAAI-20 Sister Conference Track*. 2020.

Ben Green. “‘Good’ isn’t good enough.” *NeurIPS Joint Workshop on AI for Social Good*. 2019. **Best Paper Award (Public Policy Track)**

Ben Green. “‘Fair’ Risk Assessments: A Precarious Approach for Criminal Justice Reform.” *Workshop on Fairness, Accountability, and Transparency in Machine Learning (ICML)*. 2018.

Ben Green and Lily Hu. “The Myth in the Methodology: Towards a Recontextualization of Fairness in Machine Learning.” *Machine Learning: The Debates Workshop (ICML)*. 2018.

Ben Green. “Testing and quantifying collective intelligence,” *Proceedings of the Collective Intelligence Conference*. 2015.

JOURNAL ISSUES

Ben Green (ed.) “Technology Ethics in Action: Critical and Interdisciplinary Perspectives.” Special Issue of the *Journal of Social Computing*. 2021.

POLICY REPORTS

Terry Nguyen and Ben Green. “What Happens When Data Centers Come to Town?” *University of Michigan Science, Technology, and Public Policy Program*. 2025.

Kate Crawford, Roel Dobbe, Theodora Dryer, Genevieve Fried, Ben Green, Elizabeth Kazianas, Amba Kak, Varoon Mathur, Erin McElroy, Andrea Nill Sánchez, Deborah Raji, Joy Lisi Rankin, Rashida Richardson, Jason Schultz, Sarah Myers West, Meredith Whittaker. “AI Now 2019 Report,” *AI Now Institute*. 2019.

Ben Green, Gabe Cunningham, Ariel Ekblaw, Paul Kominers, Andrew Linzer, and Susan Crawford. “Open Data Privacy: A risk-benefit, process-oriented approach to sharing and protecting municipal data,” *Berkman Klein Center for Internet & Society at Harvard University*. 2017.

PUBLIC WRITING

Ben Green. “The Public is Getting Fed Up With Data Centers. Politicians Need to Take Notice.” *Tech Policy Press*, March 13, 2026.

Ben Green. “Using AI to Reform Government is Much Harder Than it Looks.” *Tech Policy Press*, June 3, 2025.

Ben Green. “DOGE Plan to Push AI Across the US Federal Government is Wildly Dangerous.” *Tech Policy Press*, March 6, 2025.

Ben Green. “The Encroachment of Smart Cities,” in *Resisting Borders and Technologies of Violence*, edited by Mizue Aizeki, Matt Mahmoudi, and Coline Schupfer. Haymarket Books. 2023.

Ben Green. “Government by algorithm: Can AI improve human decisionmaking?” *The Hill*, September 21, 2021.

Ben Green and Amba Kak. “The False Comfort of Human Oversight as an Antidote to A.I. Harm.” *Slate*, June 15, 2021.

Ben Green. “Algorithmic Imaginaries: The Political Limits Of Legal And Computational Reasoning.” *The Law and Political Economy Blog*, April 21, 2021.

Jake Goldenfein, Ben Green, and Salomé Viljoen. “Privacy Versus Health Is a False Trade-Off.” *Jacobin*, April 17, 2020.

Ben Green. “Smile, Your City is Watching You.” *The New York Times*, June 27, 2019.

Ben Green. “The Biggest Mistakes Cities Make in Their Quest to Be Smart.” *The Wall Street Journal*, May 17, 2019.

Ben Green. “Can predictive policing help stamp out racial profiling?” *The Boston Globe*, April 17, 2019.

Ben Green. “Cities Are Not Technology Problems: What Smart Cities Companies Get Wrong.” *Metropolis Magazine*, March 4, 2019.

EXPERT TESTIMONIES/PUBLIC COMMENTS	Canadian Civil Liberties Association v. Waterfront Toronto (2019, 2020) New York City Council Committee on Public Safety (2019) Re: HUD’s Implementation of the Fair Housing Act’s Disparate Impact Standard (2019) Boston City Council Committee on Public Safety and Criminal Justice (2018) Cambridge City Council Public Safety Committee (2017)	
COURSES TAUGHT	UM Information 305: Introduction to Information Analysis UM Information 326: Understanding AI UM Information 485: Information Analysis Capstone UM Public Policy 474: Policy and Politics of Government Algorithms UM Public Policy 580: Values and Ethics in Public Policy	F23, F24, F25, W26 F25 W24 W21, W23 W22
PHD ADVISING	Andrew Balch (Advisor, UMSI) Ira Anwar (Co-advisor, UMSI) Shreya Chowdhary (Advisor, UMSI) Jared Katzman (Co-advisor, UMSI) Nel Escher (Co-advisor, UM CSE)	2025–Present 2025–Present 2023–Present 2023–Present 2022–2025
OTHER ADVISING	Naima Samreen Ali (PhD Precandidacy Exam Committee Member, UMSI) Amina Abdu (Dissertation Committee Member, UMSI) John Rudnik (Dissertation Committee Member, UMSI) Brinda Gokul (Dissertation Committee Member, UMSI) Pelle Tracey (Dissertation Committee Member, UMSI)	2026 2025–Present 2024–Present 2023–2025 2022–2025

Nathan Kim (PhD Preliminary Exam Committee Member, UMSI)	2025
Amina Abdu (PhD Preliminary Exam Committee Member, UMSI)	2023
Brinda Gokul (PhD Preliminary Exam Committee Member, UMSI)	2023
Grace Burleson (Dissertation Committee Member, UM Design Science)	2021–2023
Jared Katzman (PhD Precandidacy Exam Committee Member, UMSI)	2023
Cami Goray (PhD Preliminary Exam Committee Member, UMSI)	2022
Sam Mikell (Senior Thesis Advisor, UM CSE and Business)	2020–2022
Rebecca Ackerman (Independent Study Advisor, UM Public Policy)	Fall 2020
Paul Nebres (Senior Thesis Advisor, Harvard CS)	2019–2020

OTHER TEACHING	Visiting Fellow, NYU Technology Law & Policy Clinic	2019–2020
	Faculty Member, UC Irvine Technology, Law, and Society Summer Institute	June 2018
	Course Assistant, Harvard Law School Responsive Communities Lab	Fall 2016
	Head Teaching Fellow, Harvard Computer Science 182: Artificial Intelligence	Fall 2015
	Math and Science Coordinator, Dwight Hall Academic Mentoring Program at Yale	2013–2014
	Tutor, Yale College Science and Quantitative Reasoning Center	2011–2014

SELECTED MEDIA COVERAGE	The New York Times, The Washington Post, The Wall Street Journal, Los Angeles Times, Science, Wired, Politico, Financial Times, Boston Review, Tech Policy Press, CityLab, Slate, NPR, The Intercept, Gizmodo, Government Technology, Protocol, Huffington Post, Bloomberg, StateScoop, Communications of the ACM, This Week in Machine Learning and AI Podcast, Planet Detroit, MLive, Michigan Public Radio, Consumer Reports, Chicago Sun Times
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POLICY AND PUBLIC SERVICE EXPERIENCE	<b>City of Boston</b>	
	<b>Department of Innovation &amp; Technology</b> <i>Municipal data analytics and policy</i>	Data analytics fellow June 2016 – May 2017
	Worked for the Citywide Analytics Team combining data analysis and performance management to improve operations for Boston’s Emergency Medical Services, Fire Department, and Public Works department. Developed privacy policies and practices for enhancing civic engagement.	

	<b>Harvard University</b>	
	<b>Berkman Center for Internet &amp; Society</b> <i>Best practices for municipal data governance</i>	Data governance fellow January 2016 – August 2017
	Worked with municipal data officials and led a team of researchers to develop best practices for how cities manage data. Wrote a report about open data privacy that has influenced privacy policies in cities including Austin, Boston, Cambridge, Columbus, San Francisco, and Seattle.	

	<b>University of Chicago</b>	
	<b>Data Science for Social Good</b> <i>Data science for urban revitalization</i>	Research fellow June 2014 – August 2014
	Worked with the Mayor’s Innovation Delivery Team in Memphis, TN to develop a machine learning system that could enhance efforts to revitalize distressed neighborhoods.	

	<b>City of New Haven</b>	
	<b>Department of Transportation</b> <i>Improving parking technology and policy</i>	Policy intern May 2013 – May 2014
	Coordinated the adoption of new smartphone payment technology in parking meters throughout New Haven. Updated parking regulations to reduce congestion and aid economic development.	

	<b>Yale University</b>	
	<b>Design for America</b> <i>Creating artistic bike racks</i>	Team founder and leader September 2012 – May 2014
	Created a program to improve bicycling infrastructure in New Haven with bike racks that double as public art, funded by local businesses and a Mayor’s Community Arts Grant.	

SELECTED TALKS

2026 Michigan House Oversight Subcommittee on Corporate Subsidies and State Investments  
Federal Reserve Bank of Chicago  
Internet Law Works in Progress Conference

2025 Pennsylvania Environmental Justice Advisory Board  
ACLU Analytics Team  
NYU Law School Privacy Research Group  
Howell, MI Data Center Community Info & Action Night  
University of Michigan Climate Week

2024 The 48th annual AAAS Science & Technology Policy Forum  
European Data Protection Supervisor IPEN meeting (keynote)  
Undone Computer Science Conference (keynote)  
CMU HCI Institute Seminar  
Electronic Privacy Information Center (EPIC) Advisory Board Meeting  
Doctoral Summer School on Sustainable ICT (keynote)  
Côte d'Azur University Visions of AI seminar  
Data for Good for Education Workshop (Academic Data Science Alliance Annual Meeting)  
Governance of Sociotechnical Transformations (Harvard Kennedy School STS workshop)

2023 Indiana University Ostrom Workshop  
Ohio State University Tech in the City Seminar  
Center for Democracy and Technology Fellows Meeting  
Impact Labs  
Michigan Technology Law Review Symposium: Law and Justice in the Age of AI

2022 Federal Trade Commission  
National Institute of Standards and Technology  
UK Information Commissioner's Office and The Alan Turing Institute AI Workshop  
UNESCO Artificial Intelligence for Information Accessibility Conference  
County of Santa Clara Data Privacy Day  
Simons Institute AI and Humanity Workshop  
Berkeley Data Science and Social Justice Workshop  
Georgetown Center for Digital Ethics  
Georgetown McCourt School of Public Policy  
Future of Privacy Forum 12th Annual Privacy Papers for Policymakers Event  
Columbia School of International and Public Affairs  
Beyond Fairness: Big Data, Racial Justice & Housing (MIT conference)  
University of Chicago Human+AI Lab  
Istanbul Bilgi University Technology Law Institute  
Harvard AI-Assisted Decision-Making Colloquium  
Berkman Klein Center for Internet & Society at Harvard University  
Center for Democracy and Technology Fellows Meeting  
Workshop on Governing Smart Cities as Knowledge Commons  
University of Michigan Law School Privacy Tech Law Association  
Columbia CS W3410: Computers and Society: Computers and Society (guest lecture)  
Georgetown Law 1698: Technology Law and Policy Colloquium (guest lecture)  
NYU ITP 2184: Technology, Media and Democracy (guest lecture)  
Drexel HNRS 301: Fairness in AI (guest lecture)

2021 World Bank GPURL Live forum  
EPIC Symposium on Regulating AI  
United Nations World Summit on the Information Society Forum  
University of Toronto Centre for Ethics  
International Smart City Symposium: Redefining the Smart City  
Center for Data Innovation AI Policy Network

Princeton Metropolis Project  
ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW)  
UNC-Charlotte Center for Professional and Applied Ethics  
NYU Law School Privacy Research Group  
ETH Zurich and RegHorizon AI Policy Conference  
National Academies of Sciences, Engineering, and Medicine Responsible Computing Panel  
Law and Society Association Conference  
Michigan Institute for Data Science  
UVA PLAN 3030: Neighborhoods, Community and Regions (guest lecture)

2020

Beck Center for Social Impact and Innovation at Georgetown  
Critical Perspectives on Artificial Intelligence Ethics Conference  
University of Calgary Social Justice in the Smart City Seminar Series  
Economics of Digital Transformation Conference (keynote)  
Judicial Council of California  
Anthropology + Technology Conference  
Route Fifty Future Cities Conference  
Columbia GSAPP Lectures in Planning Series  
MIT City Science Research Group  
Harvard Kennedy School  
Thirty-Fourth AAAI Conference on Artificial Intelligence (AAAI-20)  
ACM Conference on Fairness, Accountability, and Transparency (FAT\*)  
NYU STS-UY 3004W: AI and Society (guest lecture)  
NYU Law Innovation Externship Seminar (guest lecture)  
University of Toronto Information 2303: Big Data in the City (guest lecture)  
University of Wisconsin, Parkside MAPS 741: Smart Policy-Making (guest lecture)

2019

MIT Press Bookstore  
MIT Department of Urban Studies and Planning  
NeurIPS Joint Workshop on AI for Social Good  
Heinrich Böll Foundation, Digital Rights and Sustainability workshop  
Arizona State University Smart Region Summit (keynote)  
Cornell Tech Digital Life Seminar  
Harvard Kennedy School Ash Center for Democratic Governance  
Tufts University Science, Technology, and Society Lunch Seminar  
Brattleboro Literary Festival  
New York Law School Innovation Center for Law and Technology  
NYU Law School Privacy Research Group  
University of New Hampshire Law School  
Drexel Law School, Governance in the Age of Algorithms workshop  
Carleton University Master of Public Policy and Administration program  
Seton Hall Law School Institute for Privacy Protection Spring Conference  
American Institute of Architects, New York  
Boston Society of Architects  
University of California, Irvine  
Berkman Klein Center Luncheon Series  
ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW)  
ACM Conference on Fairness, Accountability, and Transparency (FAT\*)  
Crime Lab New York  
AI Now Institute at NYU  
Harvard Applied Computation 221: Critical Thinking in Data Science (guest lecture)  
Harvard Sociology 98AB: Urban Politics in the Global City (guest lecture)

2018

Privacy Task Force for New Jersey Municipalities  
Strategic Leadership Development for Senior Vietnamese Government Officials  
Berkman Klein Center Attorney General Tech Forum  
Seton Hall Law School Artificial Intelligence and the Law Conference

MetroLab Annual Summit (panel moderator)  
University of Indiana Ostrom Workshop on Smart Cities  
Humboldt University of Berlin Faculty of Law

2017 Future of Privacy Forum Smart Cities working group  
Seton Hall Law School Institute for Privacy Protection Conference  
National Network for Safe Communities National Conference  
Harvard Data Privacy Lab Talks on Technology Science  
LibrePlanet  
Boston Area Research Initiative Spring Conference

2016 Digital Communities Mid-Year CIO Leadership Group Meeting  
City of Cambridge Open Data Review Board  
Harvard Law School 2813: City Use of Technology (guest lecture)

2015 ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD)  
Collective Intelligence

#### SERVICE

##### Institutional Service

UMSI BSI Committee (2023-2025)  
UMSI Postdoctoral Fellows Mentor (2024-2025)  
Michigan Interactive and Social Computing Group Faculty Co-organizer (2023-2024)  
Michigan Institute for Data Science Program Committee (2022–2023)

##### External Boards and Committees

Electronic Privacy Information Center (EPIC) Advisory Board (2022–Present)  
National Book Foundation Science + Literature Selection Committee (2022–2023)

##### Workshop and Conference Organizing

Doctoral Consortium Co-chair (ACM FAccT, 2021)  
The Future of IoT in Cities (Harvard Law School, 2016)  
Best Practices in Municipal Open Data Management (Harvard Law School, 2016)

##### Conference Program Committees

ACM Conference on Fairness, Accountability, and Transparency (FAccT) 2019–2023, 2025–2026  
AAAI/ACM Conference on AI, Ethics, and Society (AIES) 2023–2025  
Hybrid Human-Artificial Intelligence Conference (HHAI) 2022–2024  
AAAI Conference on Human Computation and Crowdsourcing (HCOMP) 2022  
Undone Computer Science 2026  
International ACM Web Science Conference (WebSci) 2019  
Debugging Machine Learning Models (ICLR workshop) 2019  
Mechanism Design for Social Good (EC workshop) 2019

##### Reviewing

National Science Foundation (ad hoc review)  
MIT Press (5x)  
ACM CSCW (2020–2025)  
ACM CHI (2020, 2023, 2024, 2026)  
ACM Journal on Responsible Computing  
Big Data & Society (4x)  
ACM Transactions on Computing Education  
NeurIPS Ethics Reviews (2021–2024)  
Black in AI (NeurIPS workshop) 2018–2024  
Oxford University Press  
University of Toronto Press  
Polity Books

Information, Communication & Society (2x)  
Communications of the ACM  
Internet Policy Review  
Patterns  
Online Information Review  
AI & Society  
Data Mining and Knowledge Discovery  
Journal of Urban Affairs  
Journal of Law and Political Economy  
npj Digital Medicine  
RAND Corporation research report  
Open Data Research Symposium  
Black in AI Innovation and Research Summer Research Grant Program (2021)  
ETH Zurich Research Commission