Mahmud Farooque, Ph.D.
Clinical Professor, School for the Future of Innovation in Society; Associate Director, Consortium for Science, Policy and Outcomes; Senior Global Futures Scholar, Julie Ann Wrigley Global Futures Laboratory; Principal Coordinator, Expert and Citizen Assessment of Science and Technology; Arizona State University

BIOGRAPHY

Mahmud Farooque is the Associate Director of the Consortium for Science, Policy and Outcomes, and a Clinical Professor in the School for the Future of Innovation in Society at Arizona State University. Previously, he held research leadership positions at the New York Academy of Sciences, City University of New York, Northwestern University, and Purdue University.

Farooque is among the world's leading experts in participatory technology assessment (pTA), a reflexive, adaptable, and scalable method for engaging communities, stakeholders, and publics in social appraisal of science and technology. His expertise draws from science and technology studies, science of science, public administration, public engagement, and deliberative democracy.

Farooque leads the Expert and Citizen Assessment of Science and Technology (ECAST), a distributed network dedicated to research and applications of pTA. Since 2010, with support from public agencies and philanthropic organizations, he has overseen pTA processes on issues such as biodiversity, planetary defense, solar geoengineering, autonomous vehicles, human gene editing, nuclear waste management, and carbon dioxide removal.

Farooque serves on the editorial board of the Journal for Technology Assessment in Theory and Practice. He received a PhD. in public policy from George Mason University and an MPA from Syracuse University. He currently serves on the National Academies' Board on Environmental Studies and Toxicology, as well as additional committees focused on engaged research, collaborative platforms, and marine carbon dioxide removal.

PROFESSIONAL EXPERIENCE

Arizona State University, Washington, DC — 2009 - Present
- **Clinical Professor**—School for the Future of Innovation in Society (SFIS) — Aug 2023 –
- **Senior Global Futures Scholar**—Julie Ann Wrigley Global Futures Laboratory (GFL) — Aug 2021 –
- **Principal Coordinator**—Expert and Citizen Assessment of Science and Technology (ECAST) — Apr 2010 –
- **Associate Director**—Consortium for Science, Policy and Outcomes (CSPO) — Nov 2009 –
- **Associate Director DC Operations**—SFIS — Aug 2019 – May 2023
- **Associate Clinical Professor**—SFIS — Aug 2016 – May 2023

Purdue University, NEXTRANS Center, West Lafayette, IN — 2007 – 2009
- **Managing Director**—USDOT Region V Regional University Transportation Center (UTC)

Northwestern University, Office for Research Development, Evanston, IL — 2006 – 2007
- **Associate Director**—Research Development in the Physical Sciences and Engineering

City University of New York, Office of Academic Affairs, New York, NY — 2004 – 2006
- **Coordinator**—Special Research Projects, **Director**—Special Collaborative Projects

New York Academy of Sciences, Policy Program, New York, NY — 2001 – 2002
- **Deputy Director**, Technology in Economic Development Project

George Mason University, Center for Transportation Analysis, Fairfax, VA — 2000 - 2001
- **Research Assistant**

Columbia University, Center for Science, Policy and Outcomes, Washington, DC — 1998 - 1999
- **Research Assistant**

George Mason University, Center for Regional Analysis, Fairfax, VA 1996 - 1998
Research Assistant

Syracuse University, Center for Technology and Information Policy, Syracuse, NY 1995 - 1996
Research Assistant

Houston Advanced Research Center, Center for Global Studies, Woodlands, TX 1995 - 1995
Research Assistant

Kellogg, Brown and Root (formerly M.W. Kellogg Company), Houston, TX 1989 - 1993
Engineering Tech, Associate Engineer, Engineer—*Electrical Design Engineering Department*

City of Austin Electric Utility, Austin, TX 1986 - 1988
Cooperative Education Student; *Relay and Substation Control Engineering Department*

EDUCATION

George Mason University, School of Public Policy, Fairfax, VA 2004
PhD in Public Policy (Science, Technology, Public Policy and Governance)
Syracuse University, Maxwell School of Citizenship and Public Affairs, Syracuse, NY 1996
Master of Public Administration (Technology and Information Policy)
University of Houston—Downtown, College of Natural Science and Mathematics, Houston, TX 1995
BS in Applied Physics (Scientific Computation)
University of Houston—University Park, Cullen College of Engineering, Houston, TX 1985-1990
Undergraduate Program in Electrical Engineering (Power, Controls and Communications)

GRANTS/CONTRACTS/COOPERATIVE AGREEMENTS

PI, "Building Informed and Involved Communities for Responsible Marine CDR," (NSF: $99,918) 2024-2025
PI, "Participatory Technology Assessment on Energy Demonstration Projects," (DOE: $490,960) 2023-2024
PI, "Global Center for Climate Intervention Research," (NSF: $ 99,963) 2023-2024
PI, "Consortium for Community Engagement Innovation and Learning," (DOE: $1,978,234) 2023-2025
PI, "Public Forums on CDR in the U.S. and Canada," (Alfred P. Sloan: $249,992) 2022-2024
PI, "Human Gene Editing Issue Guide," (Kettering Foundation: $20,000) 2019-2021
PI, "ECAST-ASTC Community Innovation Fellowship Program," (PIT-UN: $180,000) 2019-2021
Co-PI, "Preparing for Genomic Editing Technologies: An Anticipatory Approach," (NIH: $541,365) 2019-2022
PI, "Citizen Science, Civics, and Resilient Communities (CSCRC)," (NOAA: $100,898) 2018-2021
Senior Personnel, "Participatory Technology Assessment and Cultures of Expertise," (NSF: $5,200) 2018-2021
PI, "Navigating Our Shared Driverless Futures," (Charles Koch Institute: $200,000) 2018-2019
PI, "Look who's Driving," (Alfred P. Sloan Foundation: $60,000) 2018-2019
PI, "Mission Control for Earth Workshop," (Windward Fund: $28,701) 2018-2019
Co-PI, "Democratic Governance of Geoengineering Research," (Alfred P. Sloan: $299,574) 2017-2019
Co-PI, "Driverless Car Issue Guide," (Kettering Foundation: $20,000) 2017-2018
Co-PI, "Science Center Public Forums," (NOAA: $499,901) 2015-2018
PI, "Participatory Engagement for Energy Policy Planning and Decision-making," (DOE: $1,080,170) 2016-2017
Co-PI, "Participatory Technology Assessment of NASA's Asteroid Initiative," (NASA: $196,908) 2014-2015

CONSULTING AND ADVISING

National Academy of Science, Engineering and Medicine (NASEM) 2025-Present
Member, Marine Carbon Dioxide Removal Standing Committee
National Academy of Science, Engineering and Medicine (NASEM) 2025-Present
Member, Building Impactful Collaborative Platforms in the Land-Grant System
National Academy of Science, Engineering and Medicine (NASEM) 2024-Present
Member, Building Institutional Capacity for Engaged Research: A Workshop
USAID Science for Development Fellowships (SDF) 2024-2025
Member, Selection Committee
National Academy of Science, Engineering and Medicine (NASEM) 2023-Present
Member, Board on Environmental Studies and Toxicology
Journal for Technology Assessment in Theory and Practice (TATuP), 2021-Present
Member, Editorial Board
George Mason University, Fairfax, VA 2021-Present
Member, Advisory council, Institute for a Sustainable Earth
World Economic Forum, Strategic Intelligence Unit 2020
Contributor: Map on Civic Participation
OECD Open and Innovative Governance Division, Paris, France 2020
Contributor, Report: Innovative Citizen Participation and New Democratic Institutions
Oregon State University, Portland, OR 2019-Present
Advisor, NSF Award (#1906998): The Circuit: A Platform for Increasing Access to, Deepening and Researching patterns of Family and Adult Participation in Informal Science
Museum of Science, Boston, MA 2018-Present
Advisor, NSF Award (# 1811118): Building Capacity for Co-Created Public Engagement with Science
IEEE Standards Association & MIT Media Lab, Cambridge, MA 2018-2020
Member, Council on Extended Intelligence
Science and Technology Policy Institute (STPI), Washington, DC 2018
Member, U.S. Air Force Research Laboratory (AFRL) Science & Technology Futures Expert Panel
North Carolina State University, Raleigh, NC 2017-2019
Consultant, Public engagement, DARPA's Genetic Biocontrol of Invasive Rodents (GBIRd) Project
American Association for the Advancement of Science, Washington, DC 2011-2013, 2017-2019
Member, Science & Technology Policy Fellowship Selection Committee
American Geophysical Union, Washington, DC 2015-2019
Member, Advisory Board, Thriving Earth Exchange
University of Texas, Austin, TX 2015-2016
Consultant, NSF Award (# 1549578): Curriculum Development for I-Corps PNP Pilot Program
U.S. Department of Interior, Reston, VA 2014-2015
Member, Climate Science Center Federal Advisory Board, Actionable Science Work Group
Museum of Science, Boston, MA 2014-2016
Consultant, NSF Award (# 1421179): Multi-Site Public Engagement with Science-Synthetic Biology
International Social Science Council (ICSU), Paris, France 2014
Member, Expert Committee, Belmont Forum/Future Earth Trans-disciplinary Training Proposal

PUBLICATIONS

Journal Articles/Book Chapters

Owens, J., Diem, S., Farooque, M. A., & Verma, A. (2024). Public Engagement and Participatory Design Preparedness: Adapting Participatory Technology Assessment Methods for Design Science. In *Proceedings of the ASME Design Engineering Technical Conference*.

Dorit Barlevy, Eric Juengst, Jeffrey Kahn, Jonathan Moreno, Lauren Lambert, Alta Charo, Hervé Chneiweiss, **Mahmud Farooque**, David H Guston, Insoo Hyun, Paul S Knoepfler, Cynthia Selin, Rebecca Wilbanks, Manar

Zaghlula & Christopher Thomas Scott (2024). "Governing with public engagement: an anticipatory approach to human genome editing." *Science and Public Policy*, scae010, https://doi.org/10.1093/scipol/scae010

Farooque, M. A. (2024). Editorial. *Zeitschrift Fur Technikfolgenabschatzung in Theorie Und Praxis / Journal for Technology Assessment in Theory and Practice.*

Selin, C., Lambert, L., Morain, S., Nelson, J. P., Barlevy, D., **Farooque, M**., Manley, H., & Scott, C. T. (2023). "Researching the future: scenarios to explore the future of human genome editing." *BMC Medical Ethics*, 24(1), Article 72. https://doi.org/10.1186/s12910-023-00951-8

Farooque, M., ed. 2022. *The Rightful Place of Science: New Tools for Science Policy, vol. II*. Tempe, AZ: Consortium for Science, Policy & Outcomes.

Sittenfeld, D., **Farooque, M.,** Helmuth, B., Benson, S., Hostetler, E., Choi, F., Weller, N., Nickerson, C., Todd, K. and Cavalier, D. (2022). "Citizen Science, Civics, and Resilient Communities: Informing Community Resilience Policies Through Local Knowledge, Community Values, and Community-Generated Data." *Citizen Science: Theory and Practice*, 7(1): 33.

Farooque, M. A. (2022). Editorial. *Zeitschrift Fur Technikfolgenabschatzung in Theorie Und Praxis / Journal for Technology Assessment in Theory and Practice.*

Jennifer Richter, Michael J. Bernstein, **Mahmud Farooque**, (2022). The process to find a process for governance: Nuclear waste management and consent-based siting in the United States. *Energy Research & Social Science*, Volume 87, 102473, ISSN 2214-6296.

Kaplan, L. R., **Farooque, M**., Sarewitz, D., & Tomblin, D. (2021). Designing Participatory Technology Assessments: A Reflexive Method for Advancing the Public Role in Science Policy Decision-making. Technological Forecasting & Social Change, 171(C), 120974–. https://doi.org/10.1016/j.techfore.2021.120974

Karen L. Akerlof, Taryn Bromser-Kloeden, Kristin Timm, Katherine E. Rowan, James L. Olds, Chris Clarke, Elizabeth Ban Rohring, Emily Therese Cloyd, K. Curran, Elizabeth C. Duesterhoeft, **Mahmud Farooque**, Erica Goldman, Lisa Gring-Pemble, Stephanie E. Hampton, Sojung Claire Kim, John Kotcher, Darren Milligan, Carlos L. Muñoz Brenes, Cynthia Sandoval, Dann Sklarew, Cynthia Smith, Elizabeth Suhay, David Tomblin, Crystal Upperman, Andrew Wingfield & Xiaoquan Zhao, (2021). "Categorizing Professionals' Perspectives on Environmental Communication with Implications for Graduate Education." *Environmental Communication.*

John S. Dryzek, Dianne Nicol, Simon Niemeyer, Sonya Pemberton, Nicole Curato, André Bächtiger, Philip Batterham, Bjørn Bedsted, Simon Burall, Michael Burgess, Gaetan Burgio, Yurij Castelfranchi, Hervé Chneiweiss, George Church, Merlin Crossley, Jantina de Vries, **Mahmud Farooque**, Marit Hammond, Baogang He, Ricardo Mendonça, Jennifer Merchant, Anna Middleton, John E. J. Rasko, Ine Van Hoyweghen, Antoine Vergne 2020. "Global citizen deliberation on genome editing." *Science*, 369(6510): 1435-1437.

Cockerill, K., Glynn, P., Chabay, I., **Farooque, M**., Hämäläinen, R., Miyamoto, B., and McKay, P. "Records of engagement and decision making for environmental and socio-ecological challenges." *EURO Journal on Decision Processes* (2019). https://doi.org/10.1007/s40070-019-00104-6

Bednarek A., Wyborn C., Cvitanovic C., Meyer R., Colvin R., Addison P.F.E., Close S.L., Curran K., Farooque M., Goldman E., Hart D., Mannix H., McGreavy B., Parris A., Posner S., Robinson C., Ryan M., and P. Leith (2018). Boundary-spanning at the science-policy interface: The practitioners' perspectives. *Sustainability Science*, 13: 1175.

Tomblin, David, Zachary Pirtle, **Mahmud Farooque**, David Sittenfeld, Erin Mahoney, Rick Worthington, Gretchen Gano, Michele Gates, Jason Kessler, Amy Kaminski, Jason Lloyd, and David Guston (2017). Integrating Public Deliberation into Engineering Systems: Participatory Technology Assessment of NASA's Asteroid Initiative. *Astropolitics 15:2*. Pp. 141-166.

Hoffman, Catherine, Caren Cooper, Eric Kennedy, **Mahmud Farooque** and Darlene Cavalier, 2016. "SciStarter 2.0: A Digital Platform to Foster and Study Sustained Engagement in Citizen Science," in Ceccaroni and Piera (Eds.) *Analyzing the Role of Citizen Science in Modern Research*, Hershey, PA: IGI Global.

Farooque, Mahmud. 2004. *The evolution of technological forecasting and contemporary policy systems, 1935–1999*. PhD Dissertation. School of Public Policy, George Mason University, Fairfax, Virginia.

Porter, Alan, Vary Coates, **Mahmud Farooque**, Richard Klavans, Hal Linstone, Koty Lapid and Carl Pistorius, "The Future of Technological Forecasting," *Technological Forecasting and Social Change*, Vol. 67, Spring 2001, pp. 1-17.

Quddus, Munir, Michael Goldsby and **Mahmud Farooque**, "Trust: The Social Virtues and the Creation of Prosperity—A Review Article," *Eastern Economic Journal*, Vol. 26, No. 1, Winter 2000, pp. 87-98.

Reports/Magazine Articles

Farooque, Mahmud, and Jason L. Kessler. "How Would You Defend the Planet From Asteroids?" *Issues in Science and Technology* 39, no. 2 (Winter 2023): 74–80.

Weller, Nicholas, Govani M. and **Farooque M**. Public Value Evidence for Public Value Outcomes: Integrating Public Values into Federal Policymaking. *Day One Project* (October 2022).

Quach, Kimberly, Dorit Barlevy, **Mahmud Farooque**, Lauren Lambert, Haley Manley, Janine Myszka, Christopher Scott, Cynthia Selin and David Tomblin. "Framing Our Biological Futures: Preliminary Results from Human Gene Editing Public Forums." Consortium for Science, Policy & Outcomes (March 2022)

Weller, Nicholas, Michelle Sullivan Govani, and **Mahmud Farooque**. "Need Public Policy for Human Gene Editing, Heatwaves, or Asteroids? Try Thinking Like a Citizen." *Issues in Science and Technology* 37, no. 3 (Spring 2021): 12–15.

Nicholas Weller, Michelle Sullivan Govani, and **Mahmud Farooque**. "Supporting Federal Decision Making through Participatory Technology Assessment." *Day One Project* (December 2020).

Weller, Nicholas, **Mahmud Farooque**, Michelle Sullivan Govani, and Leah Kaplan. "Blinded by the Frontier." *Issues in Science and Technology* (July 17, 2020).

Kaplan, Leah, John Nelson, David Tomblin, Mahmud Farooque, Jason Lloyd, Mark Neff, Bjørn Bedsted, and Dan Sarewitz. "Cooling a Warming Planet? Public Forums on Climate Intervention Research." Washington, DC: ASU Consortium for Science, Policy & Outcomes (November 2019).

Farooque, M., S. Kathleen Barnhill-Dilling, Julie Shapiro, and Jason Delborne. "Exploring Stakeholder Perspectives on the Development of a Gene Drive Mouse for Biodiversity Protection on Islands" Workshop Report. June 2019.

Farooque, M., Kaplan, L., Quash, K., and Lloyd, J. "Boundary Practitioners Workshop Report – Missions Control for Earth." Washington, DC: ASU Consortium for Science, Policy & Outcomes (February 2019).

Jason Delborne, Julie Shapiro, Mahmud Farooque, Tyler Ford, Dalton George, and Sonia Dermer. "Exploring Stakeholder Perspectives on the Development of a Gene Drive Mouse for Biodiversity Protection on Islands." Summary Report of Stakeholder Interviews. February 2019.

Lloyd, Jay, David Tomblin, Mahmud Farooque, Kimberly Quach and Daniel Sarewitz (2018). "Driverless Vehicles: What Priorities Should be at the Top of Our List." *Issues Advisory*, Dayton, OH: National Issues Forum Institute.

Delborne, J., Farooque, M., and Shapiro, J. (2017). *Genetically Engineered Algae Public Engagement Strategies: A Stakeholder Workshop Report*. Expert and Citizen Assessment of Science and Technology (ECAST) Network.

Tomblin, D., R. Worthington, G. Gano, M. Farooque, D. Sittenfeld, and J. Lloyd, 2015. *Informing NASA's Asteroid Initiative: A Citizen's Forum.* Washington DC: Expert and Citizen Assessment of Science and Technology.

Beier P, D. Behar, L. Hansen, L. Helbrecht, J. Arnold, C. Duke, M. Farooque, P. Frumhoff, L. Irwin, J. Sullivan, J. Williams, 2015. *Guiding principles and recommended practices for co-producing actionable science: a How-To Guide for DOI Climate Science Centers and the National Climate Change and Wildlife Science Center*. Washington, DC: Advisory Committee on Climate Change and Natural Resource Science.

Worthington, Richard, Darlene Cavalier, Mahmud Farooque, Gretchen Gano, Henry Geddes, Steven Sander, David Sittenfeld and David Tomblin, 2012. *Technology Assessment and Public Participation: From TA to pTA*. Washington, DC: Expert and Citizen Assessment of Science and Technology.

Farooque, Mahmud, Veronica Hendrickson and My Linh Nguyen (Eds.), *Tri-State Trends*, New York: New York Academy of Sciences, July 2001-Aug 2002.

Schintler, Laurie and Mahmud Farooque, *Partners in Motion and Traffic Congestion in the Washington, D.C. Metropolitan Area*, Washington DC: Federal Highway Administration, Virginia Department of Transportation, July 2001.

PANELS/PRESENTATIONS

Farooque, M.A. and Harvey, S. (2025, September). "International Perspectives on Promising Practices (North America)" in a *Workshop on Communicating Science Policy in a Populist World*. Fairfax, VA: George Mason University.

Farooque, M. A. (Mod), Dostilio, L., Crowley, M. McLaren, A., and Campbell, S. (2025, June). "Measuring and communicating the collective impact of collaborations" in a *Workshop on Fulfilling the Public Mission of the Land Grant System: Building Platforms for Collaboration and Impact*. Washington, DC: National Academies of Science, Engineering and Medicine, Division of Earth and Life Studies, Board on Agriculture.

Farooque, M. A. (Mod), White, B. P., Fitzgerald, C., Marshall, M., and Ellingson, P. C. (2025, June). "The Staying Power and Stickiness of Collaborations: Defining the Foundations of Enduring Innovation" in a *Workshop on Fulfilling the Public Mission of the Land Grant System: Building Platforms for Collaboration and Impact*. Washington, DC: National Academies of Science, Engineering and Medicine, Division of Earth and Life Studies, Board on Agriculture.

Farooque, M. A. (2025, May). "Some Assembly Required: Starting with socio in a technical universe to bridge the data and feelings divide" in a *Workshop on US–DK Collaboration for Participatory Science in Health, Sustainability, and Tech Innovation*. Odense, Denmark: University of Southern Denmark.

Farooque, M. A., Kaminski, A., & Cavalier, D. F. (Mod) (2024, December) "Democratizing expertise and participatory Technology Assessment" in a *Symposium on CSPO @25*. Washington, DC: ASU Consortium for Science, Policy and Outcomes.

Dreyfus, G., Jackson, R., Stein, L., Anthony, K., Turner, A., Cadillo-Quiroz, H., … Jacobson, R. (2024, December). "Advancements in Atmospheric Methane Removal Research: Building on the National Academies Research Agenda" in *AGU 2024 Fall Meeting*. Washington, DC: National Academy of Science, Engineering and Medicine.

Farooque, M. A. (mod), Bailey, K., McCoy, I., & Wilson, F. (2024, November). "Community engagement with science and technology initiatives" in FAS-CSPO Workshop: *Community & Federal Capacity for S&T Participation*. Washington, DC: ASU Consortium for Science, Policy and Outcomes and Federation of American Scientists.

Farooque, M. A., Madonsela, A., & Thoto, F. (2024, November). "Your Evidence Journey" in *2024 Transforming Evidence Network Conference*. Cape Town, South Africa: Pew Charitable Trusts.

Farooque, M. A., Verma, A., Diem, S., & Owens, J. (2024, February). "From Participatory Assessment to Participatory Design of Fusion Energy Systems" in *White House Office of Science and Technology Policy Fusion Coordination Meeting*. Online: White House Office of Science and Technology Policy (WHOSTP).

Farooque, M. A. (2024, February). "Surveying the Potential for Augmenting Democratic Governance Using AI: The tools of governance (as opposed to government)" in a *Workshop on Governing (with) AI*. New Haven, CT, USA: Yale University Institution for Social & Policy Studies.

Farooque, M. A. (2024, March). "Lightning Talk: Participatory Research Center" in *Federal Capacity Workshop*. Washington, DC: Inclusive Abundance Initiative.

Farooque, M. A. (2024, April). "Regional Innovation with the Public: Measuring what matters" in a *Workshop on Assessing Innovation Hubs and Regional Innovation Engines: New Methods*. Washington, DC: ASU Consortium for Science, Policy and Outcomes.

Farooque, M. A. (mod), Akintobi, T., Rios, M., & Callan, M. J. (2024, June). "Addressing Tensions Related to Values, Traditions, and Priorities" in *Building Institutional Capacity for Engaged Research: A Workshop*. Washington, DC: National Academies of Science, Engineering and Medicine, Division of Behavioral and Social Sciences and Education Board on Science Education.

Farooque (mod), M. A., & Barrett, N. (2024, June). "Aligning Core Values and Measurement" in *Building Institutional Capacity for Engaged Research: A Workshop*. National Academies of Science, Engineering and Medicine.

Farooque, M. A. (2023). "Inclusive, informed and innovative deliberation strategies for energy transitions projects in the U.S. What dialogue strategies to overcome obstacles in energy transition projects?" Paris, France: Missions Publiques.

Farooque, M. A. (2023). "Methane Removal: A Participatory Technology Assessment Approach" in a *Workshop on Atmospheric Methane Removal: Needs, Challenges, and Opportunities*. Washington, DC: National Academy of Science, Engineering and Medicine (NASEM) Committee on Atmospheric Methane Removal.

Farooque, M. A. (2023). "They bought your argument, now what? The ECAST story, from socializing to institutionalizing" in *4S 2023 Annual Meeting*. Honolulu, HI: Society for Social Studies of Science.

Farooque, M. A., Genatios, C., & Sanders, A. (2023, June). "Public interest technology: The emergence of a new academic discipline and its relationship to public interest communications" in *Public Interest Communications Summer Institute 2023* . Houston, TX: College of Journalism and Communications, University of Florida.

Farooque, M. A. (2023). "Public and Stakeholder Engagement in Environmental Policy and Decision-making" in *Environmental Measurement Symposium 2023*. Minneapolis, MN: The NELAC Institute's (TNI), National Environmental Monitoring Conference (NEMC).

Farooque, M. A. (2023, March). "A Case for Assessing and Integrating Public Value in STI/STP through Participatory Technology Assessment" in a *Workshop on Strategic Intelligence for technology governance and transitions: new requirements and new techniques*. Paris, France: Organisation for Economic Co-operation and Development (OECD).

Farooque, M. A. (2023, March). "Reflexive Methods for Advancing the Public Role in Science and Technology. S&T Policy 2025 in a workshop on *Engaging society in science, technology and innovation policy*. Paris, France: Organisation for Economic Co-operation and Development (OECD).

Farooque, M. A., & Tomblin, D. (2023, April). "Reflexive Methods for Advancing the Public Role in Science and Technology" in *Artemis and Ethics Workshop*. Washington, DC: National Aeronautics & Space Administration (NASA).

Farooque, M. A. (2023, June). "Frameworks and Resources for Inclusive, Informed and Deliberative Public Engagement" in *Carbon Removal Deployment Symposium*. Washington, DC: Carbon Business Council, Institute for Carbon Removal Law and Policy, XPrize Carbon Removal, Carbon Development Council.

Farooque, M. A. (2021). "Science for the Public Good: Who is Benefiting?" *Baker Institute for Science & Technology Policy Seminar*. Online: Rice University.

Farooque, M. A. (2021, June). "Public Engagement: Techniques for Bi-Directional Conversations with the Public about M-CELS" in a *Workshop on Multicellular Engineered Living Systems (M-CELS)*. Virtual: MCELs at MIT.

Farooque, M. A. (2021, July). "Ensuring Strong Public Support for Automation in the Planning Process" in *TRB Automated Road Transportation Symposium 2021*, Breakout Session. Virtual: NASEM TRB.

Farooque, M. A. (2021, May). "A Research Infrastructure for Maximizing Public Value of Science" in *Testimony before the U.S. House of Representatives: Advancing Research for the Future of U.S. Innovation Part II*. Virtual: Committee on Science, Space, and Technology, Subcommittee on Research and Technology.

REVIEWS

Journal Article, *Innovation: The European Journal of Social Science Research*	2024
Journal Article, *Public Relations Review*	2023
Journal Article, *Journal of Deliberative Democracy*	2023
Funding Proposal, *National Science Foundation*	2020, 2022, 2023
Journal Article, *Review of Policy Research*	2022
Journal Article, *Environmental Science and Policy*	2021, 2022
Journal Article, *Journal of Responsible Innovation*	2019, 2021, 2022
Funding Proposal, *Alfred P. Sloan Foundation*	2018, 2021
Journal Article, *Journal of Contemporary European Studies*	2019-2020
Journal Article, *Cogent Social Sciences*	2019
Journal Article, *Environmental Communication*	2018
Journal Article, *Science*	2018
Journal Article, *Sustainability*	2017

TEACHING, TRAINING, MENTORING

Arizona State University, School for the Future of Innovation in Society

PIT 504 Public Engagement Strategies	2021-Present
PIT 593 Applied Project (Matt Rogers)	2024
HSD 590 Independent Study (Ben Gansky)	2022
HSD 593 Applied Project (Jacob Robertson)	2021
FIS 499 Individualized Instruction (Serita Sulzman)	2018
FIS 336 Science and Technology Policy	2017 - 2018

Participatory Technology Assessment Workshop/Seminar

FIDE NA NCL CSPO Deliberative Democracy Capacity Building Workshop	2024
USAID Science for Development Fellowship Orientation Workshop	2024

ASU Annual Winter School on the Social Studies of Emerging Technologies 2020-2021
ASU Science Outside the Lab 2015-2021
AAAS Science and Technology Policy Fellowship Professional Development 2020, 2022
PIT-UN Public Interest Technology Community Innovation Fellowship 2020

Mentoring

Postdoctoral Researchers
- Mara Karageozian, Arizona State University 2024-Present
- Amanda Borth, Arizona State University 2023-Present
- Michael Bernstein, Arizona State University 2016

Graduate Students
- Toby Shulruff, Arizona State University 2024-Present
- David Gillum, Arizona State University 2024-2025
- Vishrudh Sriramprasad, Arizona State University 2024-2025
- Bonnie Ervin, Arizona State University 2024-2025
- Farah Arevalo, Arizona State University 2023-2025
- Somaly Hurtado, Arizona State University 2023-2025
- Nmasinachi Agada, Arizona State University 2023-2023
- Amanda Borth George Mason University 2022-2023
- Marianna Milkis-Edwards, Arizona State University 2022-2023
- David Morrison, Arizona State University 2021-Present
- Lauren Lambert, Arizona State University 2020-2022
- Melissa Smallwood, Arizona State University 2020-2021
- John P. Nelson, Arizona State University 2018-2019
- Sarah Geren, Arizona State University 2017
- Nicholas Weller, Arizona State University 2015-2019

Science Policy Interns
- Edward Carino, University of Virginia, Charlottesville 2025
- Molly Maher, University of California, Santa Cruz 2025
- Leela Fredlund, Massachusetts Institute of Technology 2024
- Jaden Uram, Yale University 2024
- Alexa Panati, Georgetown University 2024
- Brandon Stoll, George Washington University 2022-2023
- Alison Ross, Yale University 2021
- Adit Mahmood, Virginia Tech 2021
- Ekedi Foster Keys, Boston University 2020-2021
- Avery Barbera, Western Washington University 2020-2021
- Lilian Law, New York University 2020-2021
- Zane Encinas, Arizona State University 2021
- Matthew Long, James Madison University 2020
- Leah Kaplan, University of Arizona 2018
- Rajeev Chhetri, Arizona State University 2018
- Sonia Dermer, William and Mary 2018
- Sean Gunther, Pomona College 2017

Legislative Policy Intern
- Tyler Hughes, Arizona State University 2021

AWARDS & HONORS

- Faculty Member Charter Award, Arizona State University 2025
- Service Excellence Award, Northwestern University 2007
- Cooperative Education Excellence Award, University of Houston—University Park 1988