@SciPolRev

MIT SPR Volume IV Solicitations, 2022-2023

The MIT Science Policy Review is a researcher-run journal at the intersection of emerging technology and public policy. Our goal is to impartially review policies that address current issues and bridge the gap between scientists, policymakers, and the general public. Volume III was released in Aug 2022 and featured articles on methane emissions, drug addiction, battery development, sustainability in space launches, and Section 230. Among many fascinating articles, there are also ones that discuss open access charges, policies for ransomware technologies, single-use plastic proliferation, and the future of treating aging.

We are looking to recruit Authors and Associate Editors to write on the Review Article topics listed below. Each article represents a collaboration between 2–5 experts on a given scientific topic. The authors submit three article drafts to their assigned Associate Editor and go through an anonymous peer-review process before receiving final publication approval.

We are also looking to recruit Interviewers to conduct interviews with experts at the intersection of science and policy. Each Interview Article represents a collaboration between two or more authors who work with the editorial staff to identify interviewees, research their backgrounds, prepare questions, conduct the interview, and publish a final transcript.

Candidates with a strong background in policy or one of the topics listed below are encouraged to apply. Please fill out the form found at the link below by 5pm on October 25, 2022 if you are interested in becoming an Author, an Associate Editor, or an Interviewer for MIT SPR Volume IV. Articles will be published in August 2023. If you are chosen, we will contact you shortly and provide additional information, including authorship team members, draft deadlines, and details on the editorial process.

Application form: https://forms.gle/rHdcVns4y1iXT6cc8

Review Article topic solicitations:

- Perfluoroalkyl and polyfluoroalkyl substances (PFAS)
- Decarbonizing aviation
- A Manhattan Project for climate change
- Sea level rise
- Grid-scale energy storage
- Research in Antarctica
- Heating / cooling infrastructure
- HIV vaccines
- Psychedelics for healthcare
- When should school start?
- Biomanufacturing in the U.S.
- How does the IRA affect drug development?
- Personalized / precision medicine

- FDA requirements for animal testing
- Rare diseases / orphan diseases
- Pharmacy benefit managers / drug supply chain
- Energy demands for cryptocurrency
- Deep-fakes and image manipulation
- Ownership for AI-generated art
- Algorithmic trading
- Algorithmic bias
- Automation in manufacturing
- Targeted advertisements
- Leaky pipeline in academia
- New and emerging open access bills
- Improving the peer review process
- Tenure in the life sciences
- Crafting policy around disruptive / emerging technology
- Science as a global enterprise in a multipolar world
- Cyber-attacks on the grid
- Private vs public vs private-public space enterprise
- Critical natural resources
- Maintaining critical infrastructure
- De-identification of public sector data
- Low Earth orbit satellites

Interview Article topic solicitations:

- Science of science
- Small modular reactors
- Pharmaceutical contamination in rivers
- Low Earth orbit satellites and broadband delivery
- Scientists as political advisors
- Staying up to date in the age of climate change
- Creating a national space agency from scratch
- Policy responses to algorithmic bias concerns
- Childhood exposure to science through museums