

Winter 2023 Joint Colloquium

Materials Department & Materials Research Laboratory

Margaret H. Hudson, PhD

Associate Editor
Physical Review journals

Friday, February 24, 2022
11:00 am | ESB 1001



Publishing interdisciplinary materials science research in the Physical Review journals

The Physical Review journals are well-known in the physics community for their high-quality research publications, rigorous peer review, and community engagement. As the research and publication landscape changes, the Physical Review journals are eager to support authors across physics and interdisciplinary topics. Associate Editor Maggie Hudson will present a brief overview of the Physical Review journals and discuss new initiatives in open science and interdisciplinary and applied topics, with an emphasis on renewable energy research. She will highlight where topics in interdisciplinary materials research fit within specific journals, including the high-selectivity journals PRL and PRX, a selection of topical journals (e.g., PRApplied, PRMaterials, PRB), and the new energy-focused journal PRX Energy. She will also lead a discussion on best practices for writing and reviewing scientific manuscripts.

Bio

Maggie Hudson received her Ph.D. in Chemistry from the University of Chicago in 2019, studying the synthesis, surface chemistry, and optoelectronic properties of colloidal quantum dots in Dmitri Talapin's group. She conducted postdoctoral research on the photophysics of colloidal semiconductor-functional molecule hybrids in the Castellano group at North Carolina State University. In 2021, she joined the Physical Review family of journals as an editor and covers topics in energy research and semiconductor optoelectronics for PRX Energy, Physical Review Materials, and Physical Review Applied.