

*NSF NANOSCALE SCIENCE AND ENGINEERING GRANTEES CONFERENCE:
NANO AND AI CONVERGENCE
DECEMBER 9-10, 2024*

Paul Lane
Program Director for the Electronic and Photonic Materials
(EPM)
National Science Foundation



Bio: Dr. Paul A. Lane is a Program Director for the Electronic and Photonic Materials (EPM) program in the Division of Materials Research. Dr. Lane earned a B.A. in Mathematics and Physics from Macalester College in St. Paul, Minnesota, and a Ph.D. in Experimental Condensed Matter Physics from Iowa State University. Following post-doctoral research at the University of Utah, he joined the faculty of the Physics Department at the University of Sheffield in the United Kingdom. He was a staff scientist at the Charles Stark Draper Laboratory from 2001 to 2003 and the U.S. Naval Research Laboratory Optical Sciences Division from 2003 to 2018. Since March 2018, he has served in the National Science Foundation as a program director in the Electronics, Photonics, and Magnetic Devices (EPMD) program in the Division of Electrical, Communications, and Cyber Systems (ECCS) and joined EPM program in October 2020. He is presently serving as the Acting Deputy Division Director of ECCS.

Dr. Lane's research focused on the photophysics of organic semiconductors and their applications to optoelectronic devices, particularly light-emitting diodes and solar cells. He is a co-author on over one hundred refereed papers published in archival journals and conference proceedings and has written ten chapters. He has presented over 100 seminars and conference presentations. Dr. Lane is a Fellow of the SPIE and a member of the American Physical Society, IEEE, and the AAAS.