

Nuclear Engineering Seminar

Dr. James L. Mohler,

*Associate Vice President of Scientific Integrity,
Research Compliance (AVPSIRC),
Research Integrity Officer—Purdue University*

Wednesday, September 3, 2025

3:30 pm | WTHR 200

RCR and Ethics

Abstract

This presentation explores responsible conduct of research, highlighting the federal definition of misconduct, reporting processes, and distinctions from poor scholarship. It also examines the ethical use of AI in research and addresses research security challenges, including foreign influence, cybersecurity, and compliance training.



Dr. Mohler is professor of Computer Graphics Technology (CGT). He has served in the following administrative roles at Purdue over the last 10 years: Senior Research Scientist of Multimedia and Web Development in Information Technology at Purdue; Director of the ITaP Informatics Group; Assistant Department Head, CGT; Associate Department Head, CGT; Interim Associate Dean for Graduate Programs, Associate Dean of Academic Affairs & Diversity; Interim Director of the Division of Interdisciplinary Technology Studies; and Associate Dean of the Graduate School.

Currently he serves as Associate Vice President of Scientific Integrity and Research Compliance (AVPSIRC) and Research Integrity Officer at Purdue University. As AVPSIRC, providing executive leadership and coordination amongst the various research compliance areas including IRB, IACUC, COI/COC, Export Control and Research Security.

He is a University Faculty Scholar, a member of the Purdue University Teaching Academy and a past faculty fellow for the Discovery Learning Center. He was a member of Purdue's ADVANCE team and has served as a Diversity Catalyst. Dr. Mohler has authored, co-authored, or contributed to over 21 texts related to computer graphics and media development and over 71 articles for refereed, reviewed, or trade publications. He has been the recipient of 1.5 million dollars in grants.