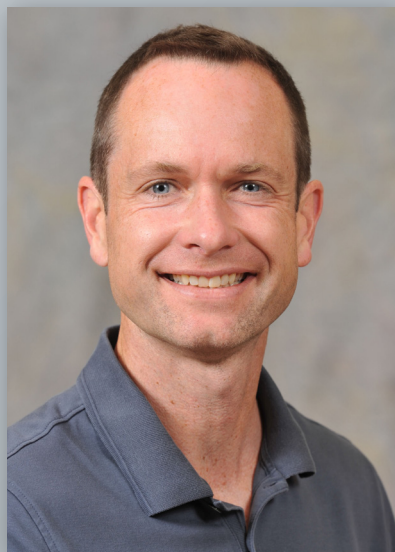


# Westinghouse Distinguished Professorship in Materials Science & Engineering



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## MATTHEW MCCLUSKEY

Professor

Department of Physics and Astronomy

An experimental physicist with broad research interests in semiconductors, high-pressure physics, and optical characterization, Matthew McCluskey is a recognized leader in understanding and addressing defects in semiconductors, technologically important materials in lighting, computing, and high-power applications.

His research is largely funded by the National Science Foundation (NSF), the U.S. Department of Energy, and the U.S. Air Force. His work has led to more than 100 peer-reviewed publications, one of which has been cited more than a thousand times.

McCluskey chaired the physics and astronomy department at WSU from 2012 to 2016 and was the principal investigator and faculty coordinator for the department's first NSF Research Experiences for Undergraduates Site. He teaches a wide range of courses, including lower- and upper-division physics and graduate-level physics and materials science. Highly regarded by students for his knowledge, enthusiasm, and clarity, he co-authored a definitive graduate textbook, *Dopants and Defects in Semiconductors*, and authored an undergraduate text, *No-Frills Physics*. He received the college's New Faculty Performance Award in 2002.

He has served on the International Advisory Committee for the International Conference on Defects in Semiconductors since 2003 and as chair of several major physics research conferences.

Based on the novel microscopy methods developed in his laboratory, McCluskey co-founded Klar Scientific in 2016. The WSU spin-out company was awarded an NSF Small Business Innovation Research grant of nearly \$1 million and is located in the WSU Research and Technology Park.



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