



**Dr. Joan Redwing**  
**Penn State University**

<http://www.matse.psu.edu/directory/faculty/joan-redwing>

Joan M. Redwing received her Ph.D. in Chemical Engineering from the University of Wisconsin-Madison. She joined the faculty of the Department of Materials Science and Engineering at Penn State University in 1999. Her research focuses on understanding fundamental mechanisms of crystal growth and epitaxy of electronic materials, with a particular emphasis on thin film and nanomaterial synthesis by chemical vapor deposition. Dr. Redwing is a Fellow of the American Physical Society and the Materials Research Society and is a Senior Member of IEEE. She is an author or co-author on over 260 publications in refereed journals with over 6000 citations and holds 8 U.S. patents.