

Kathy Lu joined the Department of Materials Science and Engineering in 2004. She obtained her B.S in Ceramics (Tianjin University, 1990), her MS in Materials Science and Engineering (Ohio State University, 1999), and her PhD in Materials Science and Engineering (Ohio State University, 2000). Additional professional experience includes Director of Materials Processing at Center for Innovative Sintered Products of Pennsylvania State University (2000-2001) and Materials Development and Processing Scientist at Energizer Battery Company (2001-2004). During 2012-2013, Dr. Lu completed a sabbatical year at Technischen Universität Darmstadt in Germany. Current and past advisees include 18 MS and PhD (4 females) students, several of them are university professors or work at national labs, 4 international exchange students (one female), and 12 post-docs/visiting scholars (4 females). She has also funded ~60 undergraduate students (18 females) in her lab to conduct research. Dr. Lu has published ~170 peer-reviewed journal papers, 10 peer-reviewed proceeding papers, and ~10 other proceeding papers. She has single-authored 2, edited 5 books, and given >140 presentations/posters. Kathy has been honored with several awards including American Ceramic Society Fellow (2017), Virginia Tech Alumni Award for Research Excellence (2016), Virginia Tech College of Engineering Faculty Fellow Award (2012), Friedrich Wilhelm Bessel Research Award of Alexander von Humboldt Foundation (2011), Karl Schwartzwalder-Professional Achievement in Ceramic Engineering (PACE) Award from American Ceramic Society (2008), and the Ralph E. Powe Junior Faculty Award from Oak Ridge Associated Universities (2005).