



UNIVERSITY OF
GEORGIA
College of Engineering

2017-2018
**Lecture
Series**



Christine E. Schmidt, Ph.D.

*J. Crayton Pruitt Family Department
of Biomedical Engineering
University of Florida*

“Biomaterials for Nerve Repair Therapies”

ABSTRACT

Damage to spinal cord and peripheral nerve tissue can have a devastating impact on the quality of life for individuals suffering from nerve injuries. Our research is focused on analyzing and designing biomaterials that can interface with neurons and specifically stimulate and guide nerves to regenerate. These biomaterials might be required for facial and hand reconstruction or in trauma cases, and potentially could be used to aid the regeneration of damaged spinal cord.

BIOGRAPHY

Christine E. Schmidt is the J. Crayton Pruitt Family Endowed Chair and Department Chair of the J. Crayton Pruitt Family Department of Biomedical Engineering at the University of Florida. Dr. Schmidt received her B.S. degree in Chemical Engineering from the University of Texas at Austin in 1988 and her Ph.D. in Chemical Engineering from The University of Illinois at Urbana-Champaign in 1995 (with D. Lauffenburger). She conducted postdoctoral research at MIT (with R. Langer) as an NIH Postdoctoral Fellow, joining the University of Texas at Austin Chemical Engineering faculty in 1996. She was one of the founding faculty members of the Department of Biomedical Engineering at UT Austin, and was at UT Austin until December 2012, when she moved to become the Chair of Biomedical Engineering at the University of Florida.

Dr. Schmidt is a Fellow of the American Institute for Medical and Biological Engineering (AIMBE), the American Association for the Advancement of Science (AAAS), the Biomedical Engineering Society (BMES), and a Fellow of Biomaterials Science and Engineering (FBSE) of the International Union of Societies of Biomaterials Science and Engineering. She is currently the President-Elect for AIMBE.

FRIDAY

JANUARY 26, 2018

NOON - 1:30 P.M.

**COVERDELL CENTER
AUDITORIUM
(Room 175)**