

Alyssa Panitch Bio

Dr. Panitch received bachelor's degrees from Smith College in Biochemistry and from the University of Massachusetts-Amherst in Chemical Engineering. She completed her Ph.D. in Polymer Science and Engineering from the University of Massachusetts. After a postdoctoral fellowship at the Swiss Federal Institute of Technology (ETH) and University of Zurich she accepted a position of Assistant Professor in the Harrington Department of Bioengineering at Arizona State University. In 2006 she joined the faculty in the Weldon School of Biomedical Engineering at Purdue University and in 2013 was named the Leslie A. Geddes Professor of Biomedical Engineering. In January 2015 she accepted a position as Vice Provost for Faculty Affairs at Purdue University. In June, 2016 she was appointed as the Edward Teller Professor and Chair of Biomedical Engineering at University of California Davis, where she currently serves as the Executive Associate Dean and the Associate Dean for Academic Personnel and Planning. She is a member and Fellow of the Biomedical Engineering Society, the American Institute for Medical and Biological Engineers (AIMBE) and the National Academy of Inventors. She also serves as the Secretary and Treasurer and on the Executive Board for AIMBE and as an Editor for the Journal of Colloids and Surfaces B: Biointerfaces.

Dr. Panitch specializes in biopolymer design and controlled release. Her research interests include the design and synthesis of biomaterials for drug delivery and the development of biomimetic therapeutics for vascular, cartilage, dermal, neural and fibrotic diseases. Her laboratory has been continuously funded for over 20 years. She has co-founded three companies based on technologies developed in her laboratory. The companies have advanced compounds into Phase I and II clinical trials.