**Collaborative third-party evaluation of MSM projects**

**can lead to technical and scientific benefits for funded U01 projects**

Blemker, Linderman, Kirschner and Peirce-Cottler

Silvia Salinas Blemker is an Associate Professor of Biomedical Engineering at the University of Virginia. She directs the Multi-scale Muscle Mechanophysiology Laboratory at UVA and is currently the Program Chair of the 2018 American Society of Biomechanics meeting. Dr. Blemker develops multi-scale computational models of skeletal muscle that integrate both biomechanics and cell physiology in order to predict how muscle adapts to disuse, aging, injury, and disease.

Jennifer Linderman is Professor of Chemical Engineering and Professor of Biomedical Engineering at the University of Michigan.  She is also Director of the ADVANCE Program, which focuses on faculty recruitment, retention, climate and leadership, and was previously Associate Dean of Graduate Education in the College of Engineering.  She is a Fellow of the American Institute for Medical and Biological Engineering.  Her research interests include mathematical/computational modeling in immunology, cancer, and tissue engineering.

Denise Kirschner is a Professor of Microbiology and Immunology and serves as Editor in Chief of the Journal of Theoretical Biology and also as President for the Society of Mathematical Biology. She is the Director of the Center for Systems Biology at the University of Michigan, which seeks to promote pioneering research, research training, education and outreach programs focused on systems-level inquiries of biomedical phenomena. Her research interests are related to immune responses to persistent pathogen infection, and includes mathematical and computational models of host infection with HIV-1/AIDS, H. pylori, and *Mycobacterium tuberculosis.*

Shayn Peirce-Cottler is Professor of Biomedical Engineering at the University of Virginia. She is President of the Microcirculatory Society and a Fellow of the American Institute for Medical and Biological Engineering.  Dr. Peirce-Cottler develops and uses computational models, in conjunction with novel experimental assays, to study complex, dynamic, and multi-cell biological systems. Her research focuses on understanding how heterogeneous cell behaviors and their interactions enable tissues to adapt over time, during physiological growth and in response to disease.