The Gettysburg College Cross-Disciplinary Sciences Seminar Series

presents

Steve Finkbeiner

Associate Director and Senior Investigator at Gladstone Institutes
and Professor of Neurology and Physiology at the
University of California, San Francisco

Understanding the causes and finding treatments for
Alzheimer’s and Parkinson’s disease:
the great biomedical challenge of the 21st century

In this talk, the audience will be briefly introduced to some of the amazing capabilities of the brain, including how it stores memories and executes movements, and how those functions go awry in neurodegenerative diseases such as Alzheimer’s and Parkinson’s disease. The magnitude of the growing burden of these diseases to society and the challenges of finding therapies will be discussed. Some of the latest scientific advances in our understanding of these diseases will be described, including how the application of robotics and induced pluripotent stem cell technology is being used to unravel the causes of disease and to find therapies.

Tuesday, February 12, 2013 • 7:00 P.M.
Bowen Auditorium, McCready Hall, Room 115