

The program for **A. D. White Professors-at-Large**  
presents a public seminar and panel discussion

## Academic Entrepreneurship: Creating Impact Beyond Publishing Papers



### Stephen Quake, Ph.D.

Professor of Bioengineering and Applied Physics,  
Stanford University

Co-president, Chan Zuckerberg Biohub

Andrew D. White Professor-at-Large, Cornell University

Dr. Stephen Quake is a scientist, inventor and entrepreneur whose research is at the nexus of biology, physics and technology development. He has invented many measurement tools for biology, including new DNA sequencing technologies that have enabled rapid analysis of the human genome and microfluidic automation that allows scientists to efficiently isolate individual cells and decipher their genetic code. Dr. Quake is also well known for his work inventing new diagnostic tools, including the first non-invasive prenatal test for Down syndrome. His innovations have helped to radically accelerate the pace of discovery in biology and have made medicine safer by replacing invasive biopsies with simple blood tests.

Dr. Quake has received numerous awards for his discoveries and has been elected to the National Academy of Sciences, the National Academy of Engineering, The National Academy of Medicine and the National Academy of Inventors. He received a B.S. in Physics and M.S. in Mathematics from Stanford University (1991) and a doctorate in Theoretical Physics from the University of Oxford (1994).

**MONDAY**  
**OCT 7**  
**Statler**  
**Auditorium**  
**3:30PM**

Panel discussion led by **David Erickson** • Public reception to follow