



## REVISED LOCATION

### Department of Chemistry 2018-19 Seymour Rothchild Lecture

*Presents*

**Professor Frances Arnold**

Division of Chemistry and Chemical Engineering  
Caltech, CA



***“Innovation by Evolution: Bringing  
New Chemistry to Life”***

Wednesday, April 24, 2019

12:00 p.m.

141 Hubbell Auditorium, Hutchison Hall

**Welcome Reception 5:15 pm,  
Goergen 100, Munnerlyn Atrium**

**Professor Frances Arnold** is the first American woman to win the Nobel Prize in Chemistry (2018). She is the Linus Pauling Professor of Chemical Engineering, Bioengineering and Biochemistry and the Director of the Donna and Benjamin M. Rosen Bioengineering Center at the California Institute of Technology, where she has been on the faculty since 1986. At Caltech, Arnold pioneered methods of directed protein evolution used to make proteins for applications in alternative energy, chemicals, and medicine. Her methods are used throughout the world to tailor proteins for consumer products, gene sequencing, clinical diagnostics, neuroscience, pharmaceuticals, textiles, agriculture and more. Arnold was the first woman to receive the Charles Stark Draper Prize of the National Academy of Engineering (2011), the Millennium Technology Prize (2016) and election to all three US National Academies of Science, Medicine, and Engineering. She received the US National Medal of Technology and Innovation from President Obama in 2013 and has been elected to the American Academy of Arts and Sciences, the American Philosophical Society, the National Inventors Hall of Fame, and is an international fellow of the UK Royal Academy of Engineering.

**Host: Viktoria Steck, [viktoria.steck@rochester.edu](mailto:viktoria.steck@rochester.edu), (585) 275-6761**

**Host: Jennifer Le, [ple@ur.rochester.edu](mailto:ple@ur.rochester.edu), (585) 275-2980**