



## STIP: Science and Technology Intensive Path

The Science and Technology Intensive Path (STIP) provides students interested in science, math, and computer sciences with a more rigorous path of study, helping them reach a high level of mastery in these areas that will position them for advanced college level work. In addition to challenging coursework, students in the STIP Program must also participate in speaker seminars and events. Below is a list of STIP Speakers for the 2018-2019 school year:

### SEMESTER 1

#### **September 24, 2018**

2:15-3:15pm, Room 221

Rob Lindeman, B.A. Computer Science, Brandeis University, M.Sc., Systems Management, University of Southern California, Topic: My Journey to Researching Virtual Reality of Middle Earth

#### **October 17, 2018**

2:15-3:15pm, Room 221

Karen Ottemann, B.Sc., Bacteriology, UC Davis, Ph.D., Microbiology, Harvard University  
Topic: Microorganisms

#### **November 19, 2018**

2:15-3:15pm, Room 221

Marco Rolandi, M.Sc., Physics, Queen Mary and Westfield College, University of London (now Queen Mary University of London), Ph.D., Applied Physics, Stanford University.  
Topic: CruzFoam: From Shrimp Shells to Surfboards and Beyond

### SEMESTER 2

#### **January 11, 2019**

2:15-3:15pm, Room 221

Reuben Saunders, B.Sc., MIT, Ph.D. Candidate, UCSF. Awarded Hertz Fellowship in Global Health and Development from Bill and Melinda Gates Foundation  
Topic: TBD

#### **February 1, 2019**

2:15-3:15pm, Room 319

Jo-Ann Panzardi, Head of Engineering, Cabrillo College  
Pathways and Careers in Engineering (for Prospective Engineering Students)

#### **STIP Senior Conference**

March 27, 2019

2:15-4:00pm, Great Hall

Poster and PowerPoint Presentations

#### **April 19, 2019 (Earth Day)**

2:15-3:15pm, Room 221

Kate Bergeron, S.B., MIT, M.Sc., Mechanical Engineering, University of Colorado, Boulder, MBA, along with Connie Yang

Topic: Sustainability and Packaging at Apple