

<b>Date</b>	<b>Speaker and Affiliation</b>	<b>Topic/Title</b>
Jan 24	<b>Sam Bechara and Nathan Trujillo</b> SBME Graduate Students (Popat lab)	<u>Bechara</u> : <i>Polymeric nanowires as a potential biomaterial for healing and functional regeneration following traumatic spinal cord injuries</i> <u>Trujillo</u> : <i>Antibacterial Effects of Sputter Deposited Silver-doped Hydroxyapatite Thin Films</i>
Jan 31	<b>Dr. Carmen Menoni</b> , CSU Professor, SBME/ECE and <b>Dr. Dean Crick</b> , CSU Professor, Microbiology	<i>Mass spectroscopy and Tuberculosis</i>
<b>To Be Rescheduled</b>	<b>Dr. Ron Weiss</b> , Associate Professor, Electrical Engineering, Massachusetts Institute of Technology	<i>Engineering circuits in living cells</i>
Feb 7	<b>Dr. Tammy Haut Donahue</b> , Associate Professor, Department of Mechanical Engineering- Engineering Mechanics, Michigan Technological University	<i>Orthopaedic Biomaterials</i>
<b>Feb 8- Tues Time and location TBD</b>	<b>Dr. Seth Donahue</b> , Associate Professor, Department of Mechanical Engineering- Engineering Mechanics, Michigan Technological University	<i>Bone mechanics</i>
Feb 28	<b>Trey Rodgers and Barb Smith</b> SBME Graduate Students (Popat lab)	<i>Biological Interfaces for Biomedical Devices</i>
Mar 14	<b>No Seminar – Spring Break</b>	
Mar 28	<b>Kristen Jevsevar and Aubrey Weigel</b> , SBME Graduate Students (Krapf lab)	<u>Jevsevar</u> : <i>Detection of Tuberculosis specific antigens</i> <u>Weigel</u> : <i>Single molecule studies of Kv2.1 channel dynamics</i>
Apr 4	<b>Dr. Christine Schmidt</b> , B.F. Goodrich Endowed Professor in Materials Engineering, Cockrell School of Biomedical Engineering, University of Texas-Austin	<i>Tissue Engineering</i>
Apr 11	<b>Dr. Darryl Thelan</b> , Associate Professor, Department of Mechanical Engineering, University of Wisconsin-Madison	<i>Neuromuscular Biomechanics</i>
Apr 18	<b>Brennan Johnson and Kevin Migita</b> , SBME Graduate Students(Dasi lab)	
Apr 25	<b>Dr. Jeff Squier</b> , Professor, Department of Physics, Colorado School of Mines	<i>Optics, Lasers, Bioimaging</i>
May 2	<b>Dustin Berger</b> (Prasad lab) and <b>Canek Phillips</b> , SBME Graduate Students	
May 9	<b>No Seminar – Finals</b>	

**Purpose of BIOM 592:** To expose SBME students to the breadth and depth of the field of biomedical engineering through presentations from academia and industry and to provide a forum where synergistic projects can be presented to educate and inspire faculty and students in further collaborative efforts.

**Attendance is mandatory.** If you are not able to make a class please contact Brett Eppich Beal at 970-491-7077 or [brett.beal@colostate.edu](mailto:brett.beal@colostate.edu) to discuss an excused absence. Any unexcused absences and more than two excused absences will result in a failing grade for the class. Updates will be reflected on [www.engr.colostate.edu/sbme](http://www.engr.colostate.edu/sbme). **Purpose of the BIOM 592:** To expose SBME students to the breadth and depth of the field of biomedical engineering through presentations from academia and industry and to provide a forum where synergistic projects can be presented to educate and inspire faculty and students in further collaborative efforts. **Attendance is mandatory.** If you are not able to make a class please contact Brett Eppich Beal at 970-491-7077 or [brett.beal@colostate.edu](mailto:brett.beal@colostate.edu) to discuss an excused absence. Any unexcused absences and more than two excused absences will result in a failing grade for the class.