Course Description: The objective of this course is to provide a forum for discussion of student research on topics related to any area of biomechanics. The format is a once-weekly informal meeting during which one or more people will present progress on their research project(s) or analysis of a recent peer-reviewed journal publication; practice a PhD proposal or conference presentation; or discuss a fellowship proposal under preparation (chalk talk format). This is an ideal place to discuss research-in-progress and receive feedback on new ideas or research directions.

Prerequisites: Graduate status or instructor consent

Course Outcomes: This course will allow students to present and communicate their on-going research projects and biomechanics interests to a broad audience and receive constructive feedback from their peers and faculty. Following the end of this course, students will be able to:

1. Effectively organize and clearly communicate a scientific presentation
2. Critically analyze and evaluate research methods, results, and interpretations
3. Interact constructively with peers to give and receive feedback
4. Appreciate the breadth and depth of the biomechanics field, yet common problem formulation and approach

Lectures: F 12:55 – 1:45 pm; MEB 2475

Instructor: Lucas H. Timmins, Ph.D.
Office: MEB 2474
(801) 581-8112
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Office Hours: By appointment

Grading: Presentation (50%)  
Attendance (50%)

Schedule: The schedule of speakers will be determined after the first class and distributed to course participants. Students are required to submit (email) a title and 200 word abstract on their presentation to the course instructor by 5pm on the Wednesday before their presentation.

Attendance: Students are expected to attend and actively participate in class each week. Planned absences must be discussed with the course instructor in advance. In the event of an unplanned absence, the reason for the absence must be communicated and documentation evidence provided (e.g., a doctor’s note in the case of illness) to the course instructor.

Text: There is not an official textbook for BIOEN 6480.

University Policies:  
The Americans with Disabilities Act. The University of Utah seeks to provide equal access to its programs, services, and activities for people with disabilities. If you will need accommodations in this class, reasonable prior notice needs to be given to the Center for Disability Services, 162 Olpin Union Building, (801) 581-5020. CDS will work with you and the instructor to make arrangements for accommodations. All written information in this course can be made available in an alternative format with prior notification to the Center for Disability Services.

Addressing Sexual Misconduct. Title IX makes it clear that violence and harassment based on sex and gender (which includes sexual orientation and gender identity/expression) is a civil rights offense subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories such as race, national origin, color, religion, age, status as a person with a disability, veteran’s status or genetic information. If you or someone you know has been harassed or assaulted, you are encouraged to report it to the Title IX Coordinator in the Office of Equal Opportunity and Affirmative Action, 135 Park Building, 801-581-8365, or the Office of the Dean of Students, 270 Union Building, 801-581-7066. For support and confidential consultation, contact the Center for Student Wellness, 426 SSB, 801-581-7776. To report to the police, contact the Department of Public Safety, 801-585-2677(COPS).