



ICE IGERT Student Research Seminar (Chem-Eng 797R)

Mission

The mission of this ***student-run*** research seminar is to expose students to a diverse array of interdisciplinary research topics in a relaxed environment that promotes peer networking, communication across disciplines and deeper insights into research and techniques not typically encountered in home department studies. This course is offered in the ***Fall semester***.

How does it work?

An initial, organizational meeting will be held to determine course time and location (approximately 1 hour per week). Each class size will be limited to 10 students, and multiple sections will be offered as necessary. Each week a different student will present their research and moderate group discussion. By participating in this seminar, presenters are challenged to:

- Prepare effective research presentations, being sure to balance sufficient technical background with detailed experimental data
- Effectively communicate to ***interdisciplinary*** audiences –presentations must engage peers within your discipline, as well as non-experts from other fields
- Moderate discussion and ensure audience engagement
- Expand peer networks! Learn “who does what” on campus – you never know when you need help with specific research techniques or access to specific equipment!

To improve interdisciplinary communication skills, presenters will be anonymously evaluated by their peers (survey monkey). Shana will compile and distribute to each presenter at the end of the semester. A student coordinator will record attendance and presentation schedules.

Who should participate?

This course is perfect for engineering, physical sciences, or life sciences graduate students looking for an opportunity to present their research in a comfortable peer forum. It is ideal for students seeking courses outside their home department, exposure to topics beyond their primary discipline, an opportunity to practice presentation and communication skills within a comfortable peer-centric environment, and a forum for networking with students outside their home department.

How do I register?

Interested students should register in SPIRE for Chem-Eng 797R. If you have trouble, email Shana Passonno (Passonno@ecs.umass.edu). All students registered for the course will receive an email regarding the time and location of the ***organizational meeting***.

This seminar is sponsored by the Institute for Cellular Engineering (ICE) Interdisciplinary Graduate Education and Research Traineeship (IGERT) program. For information about joining the **ICE IGERT Program** and our **\$30,000 fellowship competitions**, please visit: www.umass.edu/ice or contact Shana for more information.