

MCBI 7490 Introduction to Research – Fall 2025

When and where: Mondays 1-3 PM - Biotech. Bldg. Conference room.

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- Aug. 25** Intro by Eb Pesci. John Baumgartner - Safe handling of Blood-borne Pathogens.
- Sept. 1** Labor Day holiday – no class
- Sept. 8** Dr. Dan Martin. Laboratory Safety.
- Sept. 15** Pesci. Lab equipment safety and care issues. Centrifuges, autoclaves, electricity, security. Working with radioactivity.
- Sept. 22** Pesci. Lab notebooks, figures, ethics, posters, seminars, teaching, jobs.
- Sept. 29** Pesci. Papers – writing a paper. **Assignment** – write an outline of your next paper.
- Oct. 6** Pesci. Papers – submitting a paper, reviews and responses. **Assignment** – write a review.
- Oct. 13** Fall break
- Oct. 20** Pesci. Papers – reviews and responses discussion. **Assignment** – write a response to a reviewer’s comment and read “Guide to Effective Grant Writing” (provided)
- Oct. 27** Roop. Grant writing part 1. **Assignment** for Nov. 18 – write 4 page grant for your current project.
- Nov. 3** Reading
- Nov. 10** Dr. Vittoria Capria. Considerations with the use of research animals and tour of facilities.
- Nov. 17** Roop. Grant writing part 2.
- Nov. 24** Roop. Grant writing part 3. **Assignment** – write reviews for grants from class.
- Dec. 1** Roop and Pesci. Mock study section on student grants. **Assignment** – write 1 page response to reviews.
- Dec. 8** Roop. Grants – Mock study section review of responses.

Grades will be based on attendance and assignments, which must be handed in promptly.