

NANOBIOLOGY CERTIFICATE PROGRAM SEMINAR SERIES

APPHYS514-099

Winter 2010

Room: 4515 BSRB

Time: Mondays, 5:00 pm to 6:00 pm

<http://www.umich.edu/~nanocert/>

APPPHYS514-099@umich.edu

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The Nanobiology Certificate Program aims to integrate students from a number of existing graduate programs within this interdisciplinary research structure and thereby to provide a coherent strategy for educating students more broadly in nanobiology while still maintaining intellectual depth in a core discipline.

The key features of the training program will be the breadth of the required course work, a requirement for multidisciplinary research experience, and the creation of a new student-led seminar program. They are:

- Complete a nanoscience class within his or her Ph.D. area (3 credits).
- Complete two nanoscience classes outside of his or her specific Ph.D. area (6 credits)
- Perform collaborative research in a second laboratory or with a second research group
- **Attend APPPHYS514-099 seminar series (2 credits/semester, 3 semesters)**

Required Seminar:

In order to ensure intellectual cohesion and exchange of knowledge between students within the training program, a research seminar will be required.

Goals for seminar:

- Professors discussing basic science research and clinical translation
- Academic and industrial career related
- Tools for multidisciplinary research (effective communication skills, CV/research plan)

Seminar Schedule:

Room: 4515 BSRB

Time: Mondays, 5:00 pm to 6:00 pm

1/11: Attend MNIMBS Monthly Seminar at 12:00 pm

1/18: No Class: Martin Luther King Jr. Holiday

1/25: Dr. Jens-Christian Meiners, U of M Department of Physics

2/1: Dr. Chad Hershock, Assistant Director, Center for Research on Learning and Teaching

2/8: Attend MNIMBS Monthly Seminar at 12:00 pm

2/15: Dr. Aileen Huang-Saad, U of M College of Engineering Center for Entrepreneurship

2/22: Dr. Nils Walter, U of M Department of Chemistry/Biophysics

3/1: Spring Break, No class meeting

3/8: Attend MNIMBS Monthly Seminar at 12:00 pm

3/15: Dr Mark Burns, U of M Department of Chemical Engineering

3/22: Dr. Nicholas Steneck, Director, Research Ethics and Integrity Program, U of M Institute for Clinical and Health Research

3/29: Dr. Tarek Fahmy, Yale Universtiy Department of Biomedical Engineering

4/5: Yunbo Guo, Student Presentation

4/12: Attend MNIMBS Monthly Seminar at 12:00 pm