Predoctoral
Nano-Bio Graduate Training Program

Learn the principles of nanoscience and the foundation of cell biology. Develop experimental skills in nanoparticles synthesis, microfabrication, cell culture and microscopy. Learn both classical and state-of-the-art methods and discoveries in the field.

The Nano-Bio Graduate Training program is recognized by the National Institutes of Health and the National Science Foundation as an innovative new approach to multidisciplinary training, integrating research and education. It combines traditional disciplinary coursework and laboratory training with peer-to-peer teaching, co-advising and professional development.

- earn an accredited certificate in nanobiotechnology
- obtain a PhD from participating departments such as Biomedical Engineering, Materials Science and Engineering, and Physics
- be co-advised by faculty experts from outside as well as inside your specialty
- work in a variety of lab setting and build collaborative skills
Program Requirements

Nano-bio graduate training students take two core courses and one lab course. They learn alongside other INBT-sponsored students in cross-disciplinary journal clubs. To enhance their graduate experience, they attend professional development seminars and present research at the annual Nano-Bio Symposium. Students are given the opportunity to participate in research collaborations with industry partners.

Eligibility / How to Apply

Prospective students must apply to and be accepted by a participating department before pursuing this predoctoral program. For additional information, contact Ashanti Edwards at aedwards@jhu.edu or (410)516-6572.

Women and minorities are encouraged to apply.

More info online at http://inbt.jhu.edu/education