The Cornell NanoScale Facility
at the Weill Cornell Medical College

“Your partner for nanomedicine research”

The Cornell NanoScale Science & Technology Facility (CNF) has opened a remote office at the Weill Cornell Medical College.

The purpose of this office is to lower any barriers to the adoption of nanotechnology techniques by the medical community. The CNF staff is available for consultation, and to help students, postdocs, and faculty develop projects in the area of nanomedicine. Examples of current projects at CNF include microfluidic devices, drug delivery systems, implantable electrodes, and biosensors.

Contact the CNF today to learn how nanotechnology can help you further your research.

About the CNF: The Cornell NanoScale Science & Technology Facility (www.cnf.cornell.edu), the nation’s premier nanofabrication user facility, supports a broad range of nanoscale science and technology projects by providing state-of-the-art resources coupled with expert staff support. Research encompasses physical sciences, engineering, and life sciences, with a strong interdisciplinary emphasis. Over 700 users use CNF’s fabrication, synthesis, computation, characterization, and integration resources to build structures, devices, and systems. The CNF is open 24 hours a day, and provides the interactive and exciting learning and practicing environment critical to successful cutting-edge research. External users typically spend a week to two to complete their work with strong staff support. Many projects can also be accomplished remotely.

CNF staff who are available for consultation at the Weill Cornell Medical College

Beth Rhoades received a Ph.D. in microbiology in 1997 from Colorado State University where she completed a thesis on the immune response to Mycobacterium tuberculosis. She pursued post-doctoral training at Washington University and Cornell University where she concentrated on infectious models of inflammation, immunology, cell and molecular biology and lipid biochemistry. Prior to joining the CNF, Beth was a Senior Research Associate with Cornell’s College of Veterinary Medicine where she conducted independent research and taught. As a biology liaison for the CNF, Beth offers a broad perspective in health biology, and she brings a range of experience in training scientists. She has trained technicians and doctors in flow cytometry in Malawi, mentored graduate students and visiting scientists and trained research laboratory personnel in scientific protocols. Beth enjoys the variety in the opportunities to assist CNF users and looks forward to helping with new projects.

Michael Skvarla is a CNF User Program Manager, responsible for the technical coordination of CNF research projects. He received a Bachelor of Science in Physics from Wilkes University in Wilkes-Barre, PA, and a Master of Science in Physics from Rensselaer Polytechnic Institute in Troy, NY. He joined the CNF in 1982, investigating micro- and nano-fabrication technologies. Mike works with new projects and users to ensure smooth application and process integration.