“Syracuse University has a strong Soft Matter group, and I was fortunate to be part of it; but more importantly, I had a great advisor, Mark Bowick, whose mentorship and support I still receive today, after so many years.”

—Angelo Cacciuto, Class of 2002, Associate Professor at Columbia University

“In my opinion, it is very important for a graduate program to have national and international connections and collaborators, and SU Physics has them. In fact, it was the good international connections that initially drew me to Syracuse. I still benefit from the personal connections I made while at SU.”

—Bety Rodriguez-Milla, Class of 2008, Scientific Manager at the Center for Computation & Technology at Louisiana State University

“The SU Physics Department has the size to provide its graduate students ample opportunities to pursue any specific discipline that interests them the most, yet compact enough to make everyone feel they are in a place where everyone knows their names. My experiences at the Physics Department, especially those under the supervision of Professor Marchetti, has truly prepared me to take on my professional life in the semiconductor industry for the past 17 years.”

—Lee-Wen Chen, Class of 1996, Senior Modeling Engineer at Peregrine Semiconductor, San Diego, CA

THE DEPARTMENT OF PHYSICS AT SYRACUSE UNIVERSITY HAS been educating students and carrying out research for more than 125 years. Our faculty members, research associates, graduate students, and undergraduate majors are active in fields ranging from biological and condensed matter physics, through cosmology and particle physics, to gravitational wave detection and astrophysics. A culturally diverse department, our students, faculty, and staff hail from across the United States and around the world.
Graduate study in the Department of Physics provides a stimulating environment for students, who work closely with distinguished faculty members on leading-edge research projects. Graduate student progress is carefully monitored and students are educated about the wide variety of career paths available to physicists with advanced degrees. Our alumni work all over the world in many kinds of academic and industrial positions.

Our research groups collaborate with scientists from major universities and international laboratories. These include the CERN Large Hadron Collider in Geneva; the Fermilab neutrino detector outside Chicago; the LIGO Scientific Collaboration with observatories located in Hanford, Washington; and Livingston, Louisiana; the Jefferson National Accelerator Facility for nuclear physics in Virginia; and the Cryogenic Dark Matter Search at the Soudan Underground Laboratory in Minnesota.

PROGRAMS OF STUDY
We primarily admit students for the doctor of philosophy degree (Ph.D.) in Physics. Please visit our website as a resource for:

- Program requirements for the Ph.D.
- Details about the different research groups within our department
- Current and past graduate physics courses and syllabi

http://web.physics.syr.edu/graduate/

DEPARTMENT STATISTICS
There are currently 31 full-time faculty members and 18 research associates within our department, along with over 70 graduate students. All together, the department is supported by approximately $6 million per year in sponsored research grants.

DEPARTMENT CULTURE
The graduate school experience at Syracuse University is well-rounded, where our students’ exploration of physics is not limited to a classroom or lab. Students can engage in academic discussions within organizations such as the Women in Physics group and the Physics Graduate Student Organization (GSO). We host weekly departmental colloquia presented by scientists and faculty from around the country. In addition, interdisciplinary programs such as the Soft Interfaces IGERT program are available for interested students to enhance and diversify studies. Students also collaborate with faculty at the Syracuse Biomaterials Institute.

On the social side, the department annually hosts a welcoming breakfast, department picnic, and holiday party for all students, faculty and staff. Refreshments are always available before every seminar and colloquium. And, for those who like sports, we even have a department softball team: the “Bad News Bohrs!”

FINANCIAL SUPPORT
Most students receive full financial support through one or more of the following: graduate scholarships, teaching and research assistantships, and University Graduate fellowships. Every applicant for the Ph.D. program will be considered for either a fellowship or TA position.

APPLICATION PROCESS
Students who are interested in applying for admission are encouraged to explore the Department of Physics website and are required to complete the graduate program application available through the University’s Graduate School. Further information is available on the web at http://gradsch.syr.edu.

REQUIRED APPLICATION DOCUMENTATION
All applicants are required to provide a Personal Statement, three letters of recommendation, an official transcript, and general and physics GRE scores. International applicants are required to provide Test of English as a Foreign Language (TOEFL) scores. A how-to-apply guide (including advice for developing these documents) is available: http://physicsapply.syr.edu/

APPLICATION DEADLINE
It is strongly recommended that applications be completed and received by January 1 to be considered for fall admissions and financial support.

APPLY ONLINE AT: physicsapply.syr.edu