World-class research with students

Our faculty recruits physics students, including freshmen, into research programs such as nanotechnology, magnetics and high-energy astrophysics. All physics majors conduct research by their junior year. Recent students have won research awards from the Goldwater Scholarship program, the North Carolina Independent Colleges and Universities, the regional section of the American Association of Physics Teachers and the national Society of Physics Students.

Read More - www.elon.edu/e-net/Note.aspx?id=959065.

Innovative physics curriculum

In 2010, Elon University adopted the new Matter & Interactions freshman physics curriculum, making it the first private college in the state to do so. This curriculum introduces students to relativity and computing as freshman where most traditional programs do not cover this until the sophomore and junior years.

Students taking introductory astronomy classes learn what it is like to be a scientist through a new role-playing game, “The Pluto Debate.” This project, funded through a $190,000 grant from the National Science Foundation, builds upon the well-established Reacting to the Past pedagogy created at Barnard College.

Elon professors and students are assessing the learning that takes place in such games.

Read More - www.elon.edu/e-net/Note.aspx?id=953958.

For more information, visit the department’s website www.elon.edu/e-web/academics/elon_college/physics.