

Physics Seminar

Wednesday 3/16/2011, 4:30 pm
Science & Engineering Building Auditorium

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Research with Undergraduates at Mercer

Is it possible to conduct physics research in a liberal arts college of the same quality as in a research university? Is it possible for undergraduate students to obtain such research experience here at Mercer? These are the questions that I have been asking myself since I came here. My interest in scanning probe microscopy grew out of my experience of designing and building microwave microscopes through my years in graduate school. Carrying that passion here, I am exploring the feasibility of realizing such a research project in a liberal arts college. In this talk, I will share my experience and accomplishments of the past few years in this area. I will discuss the strategy I took and how students were involved in this process. I will also discuss the lessons I have learned and how interdisciplinary collaboration could have helped me avoid many long hours of fruitless efforts.

Please join us for light refreshments at 4:15pm outside SEB 203.