

Grady A. Nunnery

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Education

- **Georgia Institute of Technology** Atlanta, GA
Ph.D. Candidate, Materials Science and Engineering, 2009 (expected)
- **Clemson University** Clemson, SC
B.S., Polymer and Textile Chemistry, *summa cum laude*, 2005
- **Clemson University** Clemson, SC
B.A., History, *summa cum laude*, 2005

Employment History

- **Graduate Researcher** August 2005 - Present
Georgia Institute of Technology Atlanta, GA
 - explore alternative applications of natural materials, such as cellulose and kaolin
 - analyze materials with extensive techniques, including infrared spectroscopy, X-ray diffraction, electron microscopy, differential scanning calorimetry, thermogravimetric analysis, dynamic mechanical analysis, and laser light scattering
 - serve as lead teaching assistant for undergraduate classes and labs, including Introduction to Materials and Introductory Polymer Science
- **Engineering Associate** May 2005 - August 2005
Clemson Apparel Research Pendleton, SC
 - investigated stitchless seam technology for chemical and biological protective shelters
 - supervised the research of several high school students in a junior research program
- **Undergraduate Student Assistant** August 2003 - May 2005
Clemson University Clemson, SC
 - researched polymeric thin film foaming for the non-fouling lotus effect
 - acquired thin film formation, modification, and analysis skills
 - applied research techniques of surface analysis, including ellipsometry, atomic force microscopy, and contact angle measurement