

Assistant Professor of Chemistry
Major-Specialty: Biochemistry
Office Locale: Stern Hall 222E
Office Telephone: 504-816-4410
Email Address(es): rstanton@dillard.edu

Courses Taught:(all course abbreviations are CHE)
General Chemistry and Labs (111, 112)
Biochemistry and Labs (303, 304)
Chemistry Research (405)
Chemistry Seminar (410, 411)

Research Interest:
Composition of Clays from Local Sources
Computer Modeling of Simple Collisions
Recursive Algorithms

Teaching Interest:
Solid Foundations in Chemistry

University Services:
Department Chairman (1999 - 2005)
SACS Ad Hoc Committee on Academic Program Reviews
NSPH Prehealth Professions & Grad. School Placement Comm.
NSPH Website Committee
MSIRP Undergraduate Research Poster Judge, New Orleans, LA, New Orleans Hilton;
05/13/2008.
2008 Undergraduate Research & Creative Work Competition Judge, New Orleans, LA, Dillard University.
Faculty Advisor for the Mississippi Club
2007 Undergraduate Research & Creative Work Competition Judge, New Orleans, LA, Dillard University.

Professional Affiliations:
American Chemical Society, ACS
National Organization for the Professional Advancement of Black Chemists and Chemical Engineers, NOBCChE

Selected Presentations:
Josiah, J. and Stanton, R.O. (2001). Developing a simple particle simulator in C++. LS-LAMP and Louisiana's Department of Energy's EPSCoR conference, "Sustaining SMET Opportunities in the New Millennium", Baton Rouge, LA. and the LAMP Student's Symposium, Dillard University, New Orleans, LA.

Nwosu, H. and Stanton, R.O. (2000). Characterization of the absorption properties of the azo dye, trypan blue. LAMP student's symposium, Dillard University, New Orleans, LA.

Lee, R. and Stanton, R.O. (1995). Degradation of malachite green and nigrosin by the fungus, *Phanerochaete chrysosporium*. LESP Science Fair, Dillard University, New Orleans, LA.

Selected Awards:

Excellence in Teaching award, 2003-2004

Outstanding Service, LAMP Advisory Committee, 2000-2001

Commitment to Excellence in Mentoring Service, LAMP, 2001-2002

Outstanding Mentoring, LESP and LAMP Program, 1998-1999

Selected Grants:

Enhancement of Biochemical Instruction and Research, 05-08, \$30,000, Board of Regents, PI.

Enhancement of Biochemical Instruction and Research, 02-03, \$30,400, Board of Regents, PI.