

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.