MICHAEL C. CHRISTIE

Degrees: Discipline, Institutions, Year:
Ph.D. Materials Science & Engineering, Rutgers University, 1999.
M.S. Mechanics & Materials Science, Rutgers University, 1994.
B.S. Mechanical Engineering, Rutgers University, 1988.

Academic Experience:
Florida International University

- Associate Teaching Professor**,** Department of Biomedical Eng'g, 2018-present, full-time
- Lecturer & Undergraduate Advisor, Department of Biomedical Eng'g, 2008- 2018, full-time
- Visiting Professor, Department of Biomedical Engineering, 2007 – 2008, part-time
- Adjunct Instructor. Department of Biomedical Engineering. 2005 –2007, part-time

Florida Memorial University

- Adjunct Professor. Graduate and Continuing Education Department, 2000-2008 part-time

Rutgers University

- Teaching Assistant. College of Engineering. 1992-96, part-time
- 1yr**.** Lecturer. College of Engineering, 1992-1993, part-time

Non-Academic Experience:

- Millennium Scientific Inc., Principal Scientist, Medical Device Development, Manufacturing Consulting, 2004-2008
- Johnson & Johnson
  - Worldwide Unit Manager, Quality Assurance Laboratory, 2002-2004
  - Manager, Quality Assurance – Analytical Testing, 2000-2002
  - Staff Engineer, Quality Assurance – 1999-2000

Certifications or Professional Registrations.
South Florida Inventor's Society

Professional Affiliations and Memberships:
Biomedical Engineering Society, Materials Research Society, American Physical Society, American Chemical Society, American Society for Mechanical Engineers

Honors and Awards: **(Selected)**

Johnson & Johnson Technical Excellence Award – Cypher Stent	2004
Johnson & Johnson Standards of leadership Award	2003
Johnson & Johnson Standards of leadership Award	2002
Process Excellence- Six Sigma- Black Belt	2001

Sigma Xi – Scientific Research Society

Outstanding Graduate Student – Materials Science & Engineering, Rutgers University
Outstanding Graduate Student - Packaging Engineering, Rutgers University
Tau Beta Pi – National Engineering Honor Society

Courses Taught (FIU- selected)
First Year Experience, Honors Introduction: Introduction to Leadership (FIU Honors College), Honors Seminar I (FIU Honors College) Honors Seminar II (FIU Honors College), Biomedical Engineering Transport, Clinical Rotations, Biomaterials, Principles of Biomedical Engineering, Data Evaluation Principles, Hemodynamics, Orthopaedic Biomechanic, Senior Design Project, Applied Biomedical Engineering Principles (Graduate) Advanced Biomaterials Science (Graduate), Masters Project (Graduate)

Courses Taught (Other Institutions- selected)
Materials Science and Engineering, Dept. of Mechanics and Materials Science, Physics I (Engineering Bridge Program), Calculus I (Engineering Bridge Program) ***Rutgers University***: Earth Science, Physical Science – ***Florida Memorial University***

Service Activities:
University
University Faculty Council (alternate) Fall 2015 (through spring 2016)
Academic Policies and Personnel Committee Fall 2015 (through spring 2017)
Undergraduate Council 2013-2015
University Sabbatical Committee 2011-2013
Ronald E. McNair Undergraduate Research Program, Board Member 2008-present
Pre-Health Profession Advising Dept. Evaluation/Recommendation Panel, 2008-present

College of Engineering and Computing
Faculty Advisor, Biomedical Engineering Honor Society, AEMB (2018-present)
Faculty Council, 2010-2012 – Vice chair (2011-2012)
Co-Faculty Advisor, National Society of Black Engineers, Fall 2007 – Spring 2018

Department of Biomedical Engineering *(selected)*
Biomedical Engineering Undergraduate Program Committee, 2007-present
Ph.D. Thesis Committee, Gallocher, Fall 2007

Grants: (selected)
- NASA Faculty Senior Design Workshop. Summer 2012 Travel Grant - $1000
- Center for the Advancement of Teaching. "Development of an Undergraduate Research Initiative in Biomedical Engineering. FIU. Fall 2011. $2000
- QEM Network Conference STEM Meeting and Workshop on Preparing Undergraduate students for the Ph.D. in STEM fields. Travel grant. $850 Fall 2010
- FASFEB-MARK U Star to BMES National Conference, Fall 2010, Pittsburg. Travel Grant: $1850

Invited talk
"Frontiers of Biomedical Engineering" Darton State College, Albany GA, Spring 2010