

FRANK B. DAZZO

Department of Microbiology & Molecular Genetics,
and Department of Plant, Soil and Microbial Sciences
Michigan State University, East Lansing, Michigan 48824-1101

Email: dazzo@msu.edu Office: 6174 Biomedical & Physical Sciences Bldg
Telephone: (office): (517) 884-5394 (cell): (517) 896-3986
My CMEIAS Software Development website: <http://cme.msu.edu/cmeias/>

Education

Undergraduate: Young Harris College 1966-1968 A.S. degree
Dept. of Biological Sciences, Florida State University 1968-1970
B.S. degree, Bacteriology

Graduate: Dept. of Microbiology, University of Florida 1970-1972
M.S. degree, Microbiology (Dr. Paul Smith, mentor)
Dept. of Microbiology, (Affiliate Dept. of Soil Science) 1972-1975
Univ. of Florida, Ph.D. degree, Soil Microbiology (Dr. D. Hubbell, mentor)

Postgraduate Appointments and Employment

Research Associate, December, 1975-December, 1977 (Dr. Winston Brill, mentor), Department of Bacteriology, University of Wisconsin, Madison, Wisconsin 53706.
Assistant Professor, January 1, 1978-June 30, 1982, the Departments of Microbiology and Public Health, and Crop and Soil Sciences, Michigan State University, East Lansing, MI 48824.
Associate Professor with tenure, July 1, 1982-June 30, 1988, Departments of Microbiology and Public Health, and Crop and Soil Sciences, Michigan State University.
Professor, July 1, 1988-present, Dept. of Microbiology and Molecular Genetics, and Dept. of Plant, Soil and Microbial Sciences (formerly Crop and Soil Sciences), Michigan State University.
Professor Appointments in All-University Research Centers at Michigan State University: National Needs in Agricultural Research (1981-1985), NSF Science & Technology Center for Microbial Ecology (1982-1996), MSU Research Excellence Center for Microbial Ecology (1996-present), MSU Center for Environmental and Evolutionary Biology (2000-present), MSU Center for Cellular and Molecular Biology (2000-present), NSF Long-Term Ecological Research Center at the MSU Kellogg Biological Station (2000-present); MSU Research Excellence Center for Renewable Organic Resources (2003-2012), MSU Research Excellence Center for Microbial Pathogenesis (2006-2012); MSU Research Excellence Center for Environmental Biogeochemistry (2007-2008), MSU Institute for Cyber-Enabled Research (2012-present).

Teaching Experience (Chronological Listing)

- Laboratory courses in **Introductory Microbiology, Bacterial Pathogens, Bacterial Physiology & Metabolism, Soil Microbiology**, (graduate student teaching, 1970-1975) Dept. of Microbiology, Univ. of Florida.
- Soil Ecology**, Marion County Board of Education (1973), environmental education for recertification of high school teachers.
- Guest lectures in **Introductory Microbiology, Bacterial Pathogens, Soil Microbiology, Soil Organic Matter, Microbial Ecology, Agricultural Quality and the Environment**, University of Florida (1972-1975); **Bacterial Diversity, Plant Host-Pathogen Interactions** Univ. of Wisconsin-Madison (1976-1977).
- Soil Microbiology** (graduate level, 1978-2002) Dept. of Microbiology & Molecular Genetics, and Dept. of Crop and Soil Sciences, Michigan State Univ.
- Advanced Microbial Physiology** (graduate level, 1979-2003), Dept. of Microbiology & Molecular Genetics, Michigan State Univ.
- Microbial Adhesion to Surfaces** (1980); **Plant Microbiology** (1983) graduate level special topics courses, Dept. of Microbiology & Molecular Genetics, Michigan State Univ.
- Advanced Soil Microbiology**, Postgrad. School of Agronomy, Central Univ. Venezuela (1981).
- Biological Nitrogen Fixation Workshop**, University of Wisconsin-Madison, (July 1983).
- Soil Ecology**, High School Biology Teachers Workshop in Environmental Biology, MSU-Kellogg Biological Research Station (1990, 1991).
- Microbial Diversity**, Summer Course at Woods Hole Oceanographic Institute, MA, (1992) guest lecture.
- Soil Microbial Ecology**, Dept. of Agricultural Biotechnology, Univ. of Padova, Padova Italy (1996) guest lecturer.
- Plant Microbiology**, NSF Frontiers in Science Program, Mich. State Univ. 1997 guest lecturer.
- Participant lecturer in team-taught courses at Mich. State Univ. (1978-present) **Microbial Ecology, Integrated Microbial Biology** (includes physiology & ecology of microorganisms), **Host-Parasite Relationships, Microbial Physiology, Bacterial Diversity, Perspectives in Plant Genetic Manipulation, Mechanisms of Plant Pathogenesis and Disease Resistance, Plant Interactions in Agroecosystems, Quantitative Biology, Soil Biology**.
- Participating faculty in **Industrial Mathematics** (graduate-level project-oriented course in mathematics research) supervisor for 2 projects: CMEIAS Sampling Statistics & Cluster Analysis.
- Prokaryotic Microbial Physiology** (MMG 421 senior undergraduate level) Dept. of Microbiology & Molecular Genetics, 2006-present (primary teaching responsibility)
- Introductory Microbiology** (MMG 301) 1999-2005; 2010
- Current Teaching Assignments (all at MSU):** all of **Prokaryotic Microbial Physiology** (MMG 421 senior undergraduate level), ~ 1/3 of **Integrated Microbial Biology** (MMG 801 graduate level), portions of **Microbial Ecology** (MMG 425) and **Soil Biology** (CSS 360)