

Anthony Maurelli

Professor at University of Florida

Gainesville, FL, US

Anthony Maurelli studies bacterial genetics to address questions about how bacteria cause gut disease and sexually transmitted infections.

Biography

Tony Maurelli is a preeminence professor in the College of Public Health and Health Professions Department of Environmental and Global Health. He is a bacterial geneticist who specializes in how bacteria cause disease. His particular research interest focus on diarrheal disease caused by Shigella and sexually transmitted infections caused by Chlamydia. He also studies how sewage can be used to monitor community health. A product of these studies is Gator WATCH (Wastewater Analysis to Track Community Health), a comprehensive program of testing, analysis, detection, and measurement of pathogens and molecular signatures of pathogens and diseases in wastewater. Gator WATCH also uses molecular tools to test sewage for chemical signals of drug use.

Industry Expertise

Health Care - Services

Areas of Expertise

Laboratory Capacity Building, Wasterwater Epidemiology, Sexually Transmitted Diseases, Shigella Genetics and Pathogenesis, Bacterial Pathogenesis, Chlamydia Genetics and Pathogenesis, Diarrheal Disease, Antimicrobial Resistance, Global Health

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