

Microbiology

Department Information

- **Department Head:**
John McEvoy, Ph.D.
- **Graduate Coordinator:**
Danielle Condry, Ph.D.
- **Department Location:**
Van Es Hall
- **Department Phone:**
(701) 231-7512
- **Department Web Site:**
www.ndsu.edu/microbiology/ (<http://www.ndsu.edu/microbiology/>)
- **Application Deadline:**
January 15 for fall
- **Credential Offered:**
Ph.D., M.S.
- **English Proficiency Requirements:**
TOEFL iBT 81 (Speaking 23, Writing 21); IELTS 7 (Speaking 6, Writing 6); Duolingo 115

Samat Amat, Ph.D. (<https://www.ndsu.edu/agriculture/academics/academic-units/microbiological-sciences/research/amat-lab/>).

University of Calgary, 2019

Research Interests: Leveraging Livestock Microbiomes to Improve Nutrition and Animal Health and Reduce Antimicrobial Resistance.

Samiran Banerjee, Ph.D. (<https://www.ndsu.edu/agriculture/academics/academic-units/microbiological-sciences/research/banerjee-lab/>)

University of Saskatchewan, 2012

Research Interests: Soil and Plant Microbiome, Agricultural Intensification, Climate Change

Danielle Condry, Ph.D.

University of North Dakota, 2013

Research Interests: Discipline-Based Education Research; Equitable Grading Strategies in Large Enrollment Classes, Utilizing Concept Inventories to Inform Curricula Change, How Science Communication Impacts Decision-Making, and Community Engaged Learning and Its Impacts on Student Success in the Classroom

Glenn Dorsam, Ph.D.

Virginia Commonwealth University, 1998

Research Interests: Signaling by the Gut Hormone Vasoactive Intestinal Peptide and Its Role in Gut Microbiome Development, Abnormal Inflammation, and Fat Deposition

Barney Geddes, Ph.D.

University of Manitoba, 2014

Research Interests: Using Molecular Genetics, Functional Genomics, and Synthetic Biology Approaches to Understand Mechanisms of Beneficial Plant- Microbe Interactions

John McEvoy, Ph.D.

Ulster University, 2002

Research Interests: *Cryptosporidium* Ecology, Evolution and Host-Parasite Interactions; Environmental Microbiology

Birgit Pruess, Ph.D. (<https://www.ndsu.edu/agriculture/academics/academic-units/microbiological-sciences/research/pruess-lab/>)

Ruhr-Universität Bochum, 1991

Research Interests: Global Gene Regulation in Enteric Bacteria; Complex Regulatory Networks

Sheela Ramamoorthy, Ph.D.

Virginia Polytechnic Institute and State University, 2006

Research Interests: Virology and Vaccinology