Microbial Systems Symposium
Wednesday, February 3, 2016
Perkins Student Center
Rodney Room

8:30 am – 9:20 am  Poster set up (refreshments provided)

9:20 am – 9:30 am  WELCOME - Professor Robin Morgan, Chair, Biological Sciences

9:30 am – 10:30 am  First session of oral presentations (Graduate students)

- Jake Hilzinger (Dr. Tom Hanson’s group) - “Transcript Start Site Identification In Chlorobaculum Tepidum”
- Sabarinath Neerukonda (Dr. Mark Parcells’ group) - "Induction Of Unfolded Protein Response (UPR) By Marek's Disease Virus (MDV)"
- Colleen Pike (Dr. Ramona Neunuebel’s group) - "Developing Pathogen-derived Lipid Biosensors For Monitoring Eukaryotic Membrane Traffic"
- Ian Rambo (Dr. Jennifer Biddle’s group) - "Regulatory Potential At The Genomic And Metagenomic Scale"
- Amanda Rosier (Dr. Harsh Bais’ group) - "Quorum Sensing Interactions In The Rhizosphere May Alter The Activity Of Plant Beneficial Bacteria"
- Ryan Moore (Dr. Eric Wommack’s group) - "Presence Of Pathogenic Escherichia Coli Is Correlated With Bacterial Community Diversity And Composition On Pre-harvest Cattle Hides"

10:30 am – 10:45 am  Coffee break

10:45 am – 12:00 pm  Poster session (Odd numbered posters)

12:00 pm – 1:00 pm  Lunch break

1:00 pm – 2:15 pm  Second session of oral presentations (Postdoctoral fellows and faculty)

- Dr. Carl Rosier (Dr. Tara Trammell’s group) - "Seasonal Dynamics Of The Soil Microbial Community Structure Within The Proximal Area Of Tree Boles: Possible Influence Of Stemflow"
- Dr. Cassandra Marnocha (Dr. Clara Chan’s group) - "Properties Of Extracellular Elemental Sulfur Globules Produced And Degraded By Chlorobaculum Tepidum"
- Dr. Amy Biddle (new faculty member, Animal and Food Sciences ) - "The Equine Gut Microbiome"
- Dr. Ryan Arsenault (new faculty member, Animal and Food Sciences ) - "Kinomic Analysis Of A Mutant Salmonella Infection Of The Gut"
- Dr. Pei Chu (faculty) - "Wood-derived Black Carbon (Biochar) As A Microbial Electron Donor And Acceptor"

2:15 pm – 2:30 pm  Coffee break

2:30 pm – 3:45 pm  Poster session (Even numbered posters)

4:00 pm – 4:15 pm  Awards for best presentations and closing remarks

3:00 pm – 5:00 pm  Reception (Wine and beer)

Organizing Committee
Dr. Ramona Neunuebel - Biological Sciences
Dr. Catherine Grimes - Chemistry and Biochemistry
Dr. Julie Maresca - Civil Engineering
Betty Cowgill - Biological Sciences

Sponsors
Biological Sciences
Civil Engineering
College of Engineering
Chemistry & Biochemistry
Chemical and Biomolecular Engineering

Chemistry-Biology Interface Program
COBRE (NIGMS/P20GM104316)
Delaware Environmental Institute
UD ADVANCE Institute (Supported by NSF Grant No. HRD-1409472)