January 23:
Microbial Diversity and the Biosphere: the Human Interface
Norman R Pace, Distinguished Professor
Department of MCD Biology, University of Colorado, Boulder
Host: Charles Halfmann

January 30:
Evolution and engineering of symbiotic associations between plants and microbes
Jean-Michel Ané, Rotherm-Bascom Professor of Agronomy, Department of Agronomy
University of Wisconsin Madison
Host: Heike Bucking

February 6:
Evolving human (epi)genomes: a LINE-1’s perspective
Wenfeng An, Markl Faculty Scholar in Cancer Research
Department of Pharmaceutical Sciences
South Dakota State University
Host: Radhey Kaushik and Xiuqing Wang

February 13:
Identification and Characterization of Two Novel FOX Genes in Nitrogen-fixing Cyanobacteria; Expression of nifB is Regulated Developmentally in Anabaena cylindrica
Xinyi Xu & Huilan Zhu, Biology and Microbiology
South Dakota State University
Host: Ruanbao Zhou

February 20:
Cooperation and Punishment in the Arbuscular Mycorrhizal Symbiosis: Regulation of Nutrient Exchange in the Arbuscular Mycorrhizal Interactions
Jerry Mensah, Biology and Microbiology, South Dakota State University
Host: Heike Bucking

February 27:
UNDERSTANDING ABIOTIC STRESS TOLERANCE IN ALFALA (Medicago sativa L.)
Rokebul Anower, Biology and Microbiology, South Dakota State University
Host: Yajun Wu

March 6:
Title: TBA
Pamela Hines, Senior Editor, Science Magazine, AAAS,
Host: Charles Halfmann

March 20:
The role of extrahost environments in ecological divergence of Escherichia coli populations
Peter W. Bergholz, Department of Veterinary and Microbiological Sciences, North Dakota State University
Host: Volker Brozel

March 27:
Comprehensive analysis of root tip and mature root transcriptomes in wheat
Ghana Challa, Biology and Microbiology, South Dakota State University
Host: Wanlong Li

April 10:
Identifying virus host factors by CRISPR-based genome-wide screening
Haoquan Wu, Department of Biomedical Sciences
Center of Excellence in Infectious Diseases
Texas Tech University Health Sciences Center
Host: Feng Li

April 17:
Cellular polarity: Lessons from electricity and chitin
Mark Messerli, Department of Biology and Microbiology, South Dakota State University
Host: Xiuqing Wang

April 24:
Host communication mechanisms during infection with pathogenic agents
Ramin Hakami, National Center for Biodefense and Infectious Diseases, George Mason University
Host: Feng Li

May 1:
Innate immune response and vaccine development against swine influenza
Milton Thomas, Department of Biology and Microbiology, South Dakota State University
Host: Radhey Kaushik