

# BIOLOGICAL SCIENCES

Fall 2019 Seminar Series

205 Natural Sciences – 4:00pm

Sponsored in part by the Orrin Foster Lecture Fund



September 12<sup>th</sup>

## Graduate Student Research Showcase

Featuring: **Shaunna Phipps** and **Baradwaj Ravi**

**Phipps Title:** "Salt-induced gene expression in *Chara longifolia* and *Chara australis*: Implications for salt tolerance mechanisms"

**Ravi Title:** "Mining the transcriptome of foxglove (*Digitalis lanata*) for elucidating the biosynthetic pathway of digoxin, a cure for heart failure"

Host: Dr. Laura Rusche



September 19<sup>th</sup>

## Dr. Stephen Free

Professor – University at Buffalo

**Title:** "Fungal Cell Wall Biogenesis"

Host: Biological Sciences Department



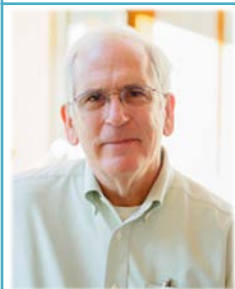
October 3<sup>rd</sup>

## Distinguished Speaker – Dr. Joan A. Steitz

Sterling Professor – Yale University

**Title:** "Lupus and Snurps: from bedside to bench and back again"

Host: Dr. Laura Rusche



October 10<sup>th</sup>

## Dr. Jasper Rine

Professor – University of California at Berkeley

**Title:** "Epigenetic Inheritance of Transcriptional States: What do Nucleosomes Actually Remember?"

Host: Dr. Laura Rusche



October 17<sup>th</sup>

## Dr. Ruben Gonzalez

Professor of Chemistry – Columbia University

**Title:** "TBA"

Host: Dr. Sarah Walker



October 24<sup>th</sup>

## Dr. Jason Breves

Assistant Professor – Skidmore College

**Title:** "Molecular endocrinology of hydromineral balance in fishes"

Host: Dr. Chris Loretz



November 7<sup>th</sup>

## Distinguished Alumni – Dr. Mamadi Yilla

Deputy Coordinator, Office of the US Global AIDS Coordinator and Health Diplomacy, US Department of State

**Title:** "Health and Diplomacy: A surprising approach to U.S. international interests"

Host: Dr. Gerald Koudelka



November 14<sup>th</sup>

## Dr. Sofia Origanti

Assistant Professor – St. Louis University

**Title:** "Translating Under Stress: Context-Dependent Regulation of the Eukaryotic Initiation Factor 6"

Host: Dr. Sarah Walker



December 5<sup>th</sup>

## Dr. Fernando Estrada

Assistant Professor – University at Buffalo

**Title:** "Structural and functional regulation of the mycobacterial enzyme CYP121; a drug target in the fight on Tuberculosis"

Host: Dr. Zhen Wan