



College of Science and Mathematics

MBIG Seminar - Fall 2014 schedule

Fridays, 1:00 pm - 1:50 pm

Clendenin Building, room 2010 (CL 2010)

Date	Speaker	Seminar Title	Affiliation	Description
8.29.14	Tom Kukar	"Investigating Fused in Sarcoma (FUS): A pathogenic protein at the crossroads of Amyotrophic Lateral Sclerosis, Frontotemporal Dementia, and DNA damage"	Emory University	Dr Kukar's lab works on the mechanisms behind neurodegenerative disorders such as Alzheimer's disease
9.05.14	Michelle Dawson	"Mechanics and Malignancy: Biophysical Approaches for Investigating the Tumor Microenvironment"	Georgia Tech	The Dawson lab uses cutting edge techniques to better understand tumor growth in cancer
9.12.14	Cecelia Bellcross	"Genetics and Genomics: The Future is Now"	Emory University	Dr Bellcross is a human genetics researcher and director of the Genetic Counseling training program at Emory University
9.19.14	Sarah Coffey Boyd	"Design and Production of a Novel, Recombinant FliC Vaccine Adjuvant."	Georgia State University	Dr Coffey Boyd works on vaccine systems that selectively target the way bacteria move
9.26.14	Jennifer Louten	"Biomarkers of Disease and Treatment in Models of Asthma"	Southern Polytechnic State University	Dr Louten's research is aimed at identifying biological indicators associated with asthma and responses to steroid treatment
10.03.14	Vincent Rehder	"Gaseous neuromodulation, intracellular calcium and growth cone motility"	Georgia State University	Dr Rehder's group works on basic mechanisms behind nervous development
10.10.14	Takanori Hirano	"Bacterial flagellar assembly and protein export"	Kennesaw State University	Dr Hirano is an expert on understanding how bacteria move and colonize infection sites
10.17.14	Dmitri Ermolenko	"Mechanics of ribosomal translocation"	University of Rochester Medical Center, NY	The ribosome is responsible for all protein synthesis in cells. Dr Ermolenko aims to understand how this fascinating molecular machine works
10.24.14	Ashley O'Neill Bohn	"World War Flu: How influenza alters host immunity to kill so many"	Georgia State University	Ashley's research focuses on how immune responses change after viral infection.
10.31.14	Kristin Bell	"Krüppel-like Factor 5 is Required for Normal Intestinal Proliferation and Homeostasis."	University of Cincinnati/ Cincinnati Children's Hospital	Kristin's aims to understand basic mechanisms of cell renewal in the intestine
11.07.14	Mark Liles	"The origin and control of a catfish killer: An epidemic due to Aeromonas hydrophila"	Auburn University, AL	Catfish ponds are threatened by a bacterial epidemic and Dr Liles' lab, in collaboration with Don McGarey at KSU are racing for a cure
11.14.14	Yuhong Fan	"Linker Histones in Stem Cells and Cancer"	Georgia Tech	Dr Fan's group works on understanding how changes in gene expression lead to disease
11.21.14	Erik Lundquist	"Mechanisms of UNC-6/Netrin-mediated repulsion in axon guidance"	University of Kansas, KS	Dr Lundquist's research seeks to understand how the nervous system is formed and how neurons find their correct targets in the brain