There will be a pre-seminar gathering starting at 1:30 pm in K307 where faculty/students can interact & enjoy cookies/coffee.

September 20
Cassandra Hayne, PhD. Assistant Professor, Department of Biochemistry and Molecular Biology, University of Chicago, Chicago, IL
“Recent Breakthroughs in tRNA Splicing Using Cryo-EM and Biochemistry”
Hosts: Dr. Paul Boutz & Dr. Lynne Maquat (co-sponsored by the RNA Society & Lexogen and Graduate Women in Science GWIS)

September 27
Nicholas R. Guydosh, PhD. Senior Investigator, NIH/NIDDK (National Institute of Diabetes and Digestive and Kidney Diseases), Bethesda, MD
“How the Cell Regulates Gene Expression by Monitoring the Ribosome”
Host: Dr. Beth Grayhack (co-sponsored by the Protein Synthesis Cluster and the RNA Structure & Function Cluster)

October 4
Michael Guertin, PhD. Associate Professor, Department of Genetics and Genome Sciences, UConn Health, University of Connecticut School of Medicine, Farmington, CT
“Molecular Tracking of Differentiation Cascades and Mechanisms of Direct Repression by a Transcription Activator”
Host: Dr. Eric Wagner

October 11
Marlies P. Rossmann, MD. PhD. Assistant Professor, Department of Biomedical Genetics, University of Rochester, Rochester, NY
“Dissecting Metabolic Gene Regulatory Networks in Hematopoiesis”
Host: Dr. Josh Munger

October 18
V. Alessandro Gennarino, PhD. Assistant Professor, Departments of Genetics & Development, Pediatrics and Neurology, Columbia University Medical Center, New York, NY
“From Genes to Proteins: A New Lens for Understanding Neurological Disease”
Host: T32 Graduate Student Emily Britt and Dr. Eric Wagner (co-sponsored by the NIH NIGMS T32 Training Grant in Cellular, Biochemical and Molecular Sciences, Dr. Lynne Maquat, PI & Dr. Jeffrey Hayes, Co-PI)

October 25
Sarah Loerch, PhD. Assistant Professor, Department of Chemistry & Biochemistry and Center for Molecular Biology of RNA, University of California, Santa Cruz, CA
“The Space Between Notes: Unraveling the Role of Idle Ribosomes through Cryo-EM”
Host: Dr. Clara Kiellkopf (co-sponsored by the Protein Synthesis Cluster)

November 1
Jiangbing Zhou, PhD. Professor, Department of Neurosurgery, Yale School of Medicine, New Haven, CT
“Drug and Gene Delivery to the Brain”
Host: Dr. Yi-Tao Yu (co-sponsored by the RNA Structure & Function Cluster)

November 8
Robert Schneider, PhD. Albert Sabin Professor, Department of Molecular Pathogenesis; Professor, Department of Radiation Oncology, NYU School of Medicine, New York, NY
“Translational Control of Breast Cancer Metastasis”
Host: Dr. Peng Yao (co-sponsored by the Protein Synthesis Cluster)

November 15
Adolph Lower Aud (1-7619)
*SPECIAL EVENT* T32 in CBMS Minisymposium
Featuring the T32 External Advisory Committee for the NIH NIGMS T32 in Cellular, Biochemical and Molecular Sciences (CBMS)

- Anita Corbett, PhD. Samuel C. Dobbs Professor, Department of Biology; Senior Associate Dean of Research, Emory College of Arts and Sciences, Atlanta, GA
  “An RNA Binding Protein Modulates m6A Modification of Key RNA Targets”

- Kimberly Mowry, PhD. Robin Chomers Neustein Professor of Biomedicine; Chair, Department of Molecular Biology, Cell Biology and Biochemistry, Brown University, Providence, RI
  “Novel RNP Transport Granules Drive mRNA Localization”

- KarinMusier-Forsyth, PhD. Professor and Ohio Eminent Scholar, Department of Chemistry and Biochemistry, The Ohio State University, Columbus, OH
  “How a Two-Nucleotide Difference in a 9.4 Kilobase Genome Determines HIV-1 Viral RNA Fate”
  Hosts: Dr. Lynne Maquat (PI), and Dr. Jeff Hayes (Co-PI) (co-sponsored by the NIH NIGMS T32 Training Grant in Cellular, Biochemical and Molecular Sciences, the RNA Society & Lexogen, and Graduate Women in Science)

December 6
Anita K. Hopper, PhD. Professor, Department of Molecular Genetics, The Ohio State University, Columbus, OH
“The Lives and Deaths of tRNAs and Their Introns”
Host: Dr. Eric Phizicky (co-sponsored by the Protein Synthesis Cluster and the RNA Structure & Function Cluster)