Seminars will be held on Wednesdays at 2:00 p.m. in K-307 (3-6408) or otherwise noted.

February 17
Karyn Schmidt, Ph.D., Postdoctoral Fellow, Dana-Farber Cancer Institute, Harvard Medical School, Boston, MA
“‘SLNC’-ing Towards Invasion: A Long Non-Coding RNA Implicates the Androgen Receptor and Brn3a in Melanoma Invasion”
Host: Dr. Lynne Maquat (Co-sponsored by Graduate Women in Science and by the RNA Structure and Function Cluster)

February 24
Hani Zaher, Ph.D., Assistant Professor, Department of Biology, Washington University in St. Louis, MO
“Ribosomal Response to Damaged mRNA”
Host: Dr. Xin Li (Co-sponsored by the RNA Structure and Function Cluster)

March 2
Jonathan Flax, M.D., Research Assistant Professor, Department of Urology, University of Rochester, NY
“The Regulation of Poly(A) Site Utilization by Intragenic Transcriptional Enhancers”
Host: Dr. Lynne Maquat (Co-sponsored by the RNA Structure and Function Cluster)

March 9
Roger K. Sunahara, Ph.D., Professor, Department of Pharmacology, University of California San Diego, CA
“GPCRs, Powerful AllostERIC Switches to Regulate G Proteins and Cell Signaling”
Host: NIH T32 Training Grant in Cellular, Biochemical and Molecular Sciences Graduate Students (Isaac Fisher)

March 16
Manuel Ares, Jr., Ph.D., Professor, Department of Molecular, Cell and Developmental Biology, University of California, Santa Cruz, CA
“Competition for a Hungry Spliceosome Shapes mRNA Populations and Cell Phenotypes”
Host: Dr. Clara Kielkopf (Co-sponsored by the RNA Structure and Function Cluster)

March 18
Guy Riddihough, Ph.D., Senior Editor; Research, Perspectives Editor at Science, Washington, D.C.
“An Editor’s Eye View of Publishing in Science”
Host: Dr. Lynne Maquat (Co-sponsored by Graduate Women in Science)

March 23
Paul L. Fox, Ph.D., Professor, Department of Cellular and Molecular Medicine, Lerner Research Institute, Cleveland Clinic, Cleveland, OH
“VEGF-Ax, an Anti-angiogenic VEGF-A Isoform Generated by Programmed Stop Codon Readthrough of vegfa mRNA”
Host: Dr. Eric Phizicky

March 30
Richard G. Brennan, Ph.D., James B. Duke Professor of Biochemistry; Chairman, Department of Biochemistry, Duke University School of Medicine, Durham, NC
“The Structures of E. coli HipBA-promoter Complexes Reveal the Molecular Basis of HipBA Repression and Heritable Multidrug Tolerance”
Host: NIH T32 Training Grant in Cellular, Biochemical and Molecular Sciences Graduate Students (Lauren Rice)

April 6
Kin Fai Au, Ph.D., Assistant Professor, Departments of Internal Medicine and Biostatistics, University of Iowa, Iowa City, IA
“Transcriptome Analysis by Integrating Third Generation Sequencing and Second Generation Sequencing”
Host: Dr. Xin Li (Co-sponsored by the RNA Structure and Function Cluster and by the Bioinformatics Cluster)

April 13
Carl Wu, Ph.D., Senior Fellow and Lab Head, Howard Hughes Medical Institute, Janelia Research Campus, Ashburn, VA
“Chromatin Dynamics of Histone Variants H2A.Z and CENP-A at Yeast Promoters and Centromeres”
Host: Dr. Jeffrey Hayes

April 20
Elizabeth Rhoades, Ph.D., Associate Professor, Department of Chemistry, University of Pennsylvania, Philadelphia, PA
“Order from Disorder: Defining Functions of Dysfunctional Proteins”
Host: Dr. Alan Grossfield (Co-sponsored by Graduate Women in Science)

April 27
Andrei Korostelev, Ph.D., Associate Professor, RNA Therapeutics Institute & Department of Biochemistry and Molecular Pharmacology, University of Massachusetts Medical School, Worcester, MA
“Structural Dissection of the Ribosome as a Cellular Stress Sensor”
Host: Dr. Dmitri Ermolенко

May 4
Rohit Pappu, Ph.D., Edwin H. Murty Professor of Engineering; Professor of Biomedical Engineering; Director of the Center for Biological Systems Engineering, Washington University School of Medicine in St. Louis, MO
“Connecting Sequence-Encoded Information to Form and Functions of Intrinsically Disordered Proteins”
Host: Dr. Alan Grossfield (Co-sponsored by the Bioinformatics Cluster)