2:00 - 2:05  Introduction of Dr. Thomas R. Cech  
Prash Rangan, Assistant Professor  
Biological Sciences

2:05 - 2:30  Keynote Lecture, Nobel Laureate  
Thomas R. Cech, Distinguished  
Professor, University of Colorado Boulder  
“How to win a Nobel Prize”

2:30 - 2:40  Award Presentations  
Rick Cunningham, Chair, Biological  
Sciences

2:40 - 3:00  Closing remarks and tour of Biology  
Department and Life Sciences Research Building  
Cathleen Green and Justin Waldern,  
Graduate Students, Biological Sciences

4:00 - 5:00  Please join us for the Life at the  
Interface of Science and Engineering  
Lecture at the Performing Arts Center  
featuring Nobel Laureate Thomas R. Cech  
“Long noncoding RNAs and  
Epigenetic Gene Silencing”

Thank you for attending!!
9:00 – 9:30  Registration and refreshments

9:30 – 9:45  Welcome remarks  
**Paolo Forni, Assistant Professor, Biological Sciences**

**Session I talks** (Session Chair, Kevin O’Keefe)

9:45 – 9:55  Michael Lutz, LeMoyne College  
**Investigating the Effects of Stress on Reovirus Translation**

9:55 – 10:05  Dhruv Patel, University at Albany  
**Determining the Role of Secondary Structure in Translational Control.**

10:05 – 10:15  Deniece Brown, University at Albany  
**Unraveling the Role of RCK/p54 Interactions with Recapping Complex Proteins and Effects on Hepatitis C Virus Infection.**

10:15 – 10:25  Mohammed Nasrallah, University at Albany  
**The Cell Cycle-Dependent Transcriptional Landscape of Stem Cell Differentiation**

10:25 – 10:35  Israt Maruf, University at Albany  
**Analysis of αVβ3 Ligands (Thyroid Homologues) on the Regulation of Microvesicle-Release in Glioma Cells**

10:35 – 10:55  Break

**Session II talks** (Session Chair, Kara DeSantis)

10:55 – 11:05  Oksana Levchenko, University at Albany  
**DNA Nanoswitches Towards Viral RNA Detection**

11:05 – 11:15  Tyler Pocchiari, University at Albany  
**RNA Helicases Shape the Immortality of the Germline**

11:15 – 11:25  Aimee Capellan, University at Albany  
**Exploring the Effects of the Trifluorome thyl-lambda 6-tetrafluorosulfanyl Substituent on Peptide Conformation and Reactivity**

11:25 – 11:35  Sarah Montgomery, Russell Sage College/ The Wadsworth Center  
**Determining the Requirements for Acquisition of New CRISPR Immunity Elements in Escherichia coli**

11:35 – 11:45  Winston Heslop, University at Albany  
**The Moderating Effects of Black identity Between Perceived Discrimination and Common Fate in African Americans**

11:45 – 11:55  Allix Coon, University at Albany  
**Forensic Identification of Condom Residues by Chemometric Processing of Mass Spectrometry-derived Chemical Fingerprint Signatures**

11:55 – 2:00  Lunch and poster session