

11th Annual Saturday Morning Biophysics Image Life!

Fall 2018

September 15



Research Lecture:

Dr. Warren Zimmer
Professor – Department of Medical Physiology
Texas A&M University Health Science Center
Topic: "DNA forensics in genomics era"

Melodie Raese
PhD Student – College of Veterinary Science,
Texas A&M University
Topic: "A Modern Career in Veterinary Medicine"

Hands-on experience:

- 3D Printing
- Biomaterials: Behind the Scenes of Drug Delivery
- DNA Extraction from Strawberries
- Handheld Microscope
- Household Fluorescence

September 22



Research Lecture:

Dr. Sarah Bondos

Professor - Department of Molecular & Cellular Medicine
Texas A&M University Health Science Center
Topic: *"Drosophila as a genetic model for human disease"*

Dr. Jim Pennington

Professor - Department of Chemistry
Texas A&M University
Topic: *"Chemistry Road Show"*

September 29



Research Lecture:

Dr. Cynthia Meininger

Professor
Department of Medical Physiology
Texas A&M University Health Science Center
Topic: *"Amazing science: Crazy about cells!"*

Education Lecture:

Samantha Holt

PhD Student – Department of Biomedical Engineering
Texas A&M University
Topic: *"How did I get here? An unexpected journey in Biomedical Engineering"*

Hands-on Experience:

- Build Your Own Microscope
- Exploring Scattering: Why Is the Sky Blue?
- Visual effects: Seeing the invisible
- Communicating with Light
- Diffraction

Certificates of Completion

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**Texas A&M University Health Science Center
September 2018**