



Northeastern University
College of Engineering

Department of Bioengineering
Fall 2021 Student Seminar Series
Fridays at 12:00 PM
Churchill Hall 101

Friday, October 22 at 12:00 PM

Joshua Pace

“In Vivo Detection of Circulating Tumor Cells using a Receptor-Targeted Fluorescent Molecular Probe”

Edward Xu

“Pilot clinical validation of optical mammographic co-imaging device”

Friday, October 29 at 12:00 PM

Mengdi Yang

“Fine Tuning Chemical Modifications towards Highly Specific Inhibitors in Fusobacterium”

Narges Yazdani

“The Influence of Integrin-mediated Mechanotransduction on Neural Stem Cell Self-renewal and Differentiation”

Friday, November 5 at 12:00 PM

Julia Clarin

“Biomechanical Assessment of the Tricuspid Valve Following Mitral Valve Annuloplasty and Reasoning for Concomitant Repair”

Matthew Eden

“Development of a murine model of wildland fire smoke inhalation: Leveraging experimental-computational methods to investigate cardiopulmonary dysfunction”

Friday, November 12 at 12:00 PM

Kevin Bardon

“Improved Sensor Response via Contrast Agent Optimization”

Noa Grooms

“Multiple neuron types in *C. elegans* display different regenerative capacities”

Friday, December 3 at 12:00 PM

Hector Millan Coto

“Longitudinal effects of electronic cigarette smoking on lung mechanics on Apoe Mice”

Amber Williams

“Non-Invasive, Real-Time detection of Circulating Tumor Cell Clusters using Diffuse Light”