



**School of
Medicine**

Biochemistry and Biophysics

**NEW STUDENT
TALKS**



**May 19, 2026
1:30 - 3:00 PM**



Bioinformatics 1131



Garrett Chappell
Biochemistry
“Developing new
molecular tools for
studying IDPs”
**Lab: Dr. Rebecca
Berlow**



Jimmy Pratas
Biochemistry
“Defining the Role of
Fumarase pY491 in
Oxidative Metabolism and
Mitochondrial
Homeostasis”
Lab: Dr. Tigist Tamir



Sydney D'Amaddio
Biochemistry
“Engineering the Next
Generation of Glycan
Binding Tools”
Lab: Dr. Robert Mealer



Rohan Shah
Biophysics
“Disruption of the HDCC
subcomplex within NuRD
as a novel strategy for
treatment of Sickle Cell
Disease”
Lab: Dr. David Williams



**Maria Lopez
Vasquez**
Biophysics
“The Expression and
Isolation to Characterize
mFeimin—A New Ligand
for TAM Receptors”
**Lab: Dr. Chrystal
Starbird**



Ivy Williams
Biophysics
“Structural Mechanisms
of α -Synuclein
Engagement with the AP-
2 Adaptor Complex”
Lab: Dr. Rick Baker