2019 Deans’ Summer Research Fellows

**Student:** Adams, Alexander  
**Graduation Year:** 2020 Spring  
Identifying the Physiological Role of SIRT5 in Skeletal Muscle Stem Cells

**Student:** Allen, Ariana  
**Graduation Year:** 2020 Spring  
Role of the Mechanosensitive Piezo Ion Channels in the Ocular Lens Architecture and Function

**Student:** Bui, Natalie  
**Graduation Year:** 2020 Spring  
Effects of geographical complementarities on license valuation: the case of the Broadband Personal Communications Service auctions

**Student:** Cai, Elise  
**Graduation Year:** 2020 Spring  
Endocytosis of TGF-beta Receptors in Endothelial Cells

**Student:** Chen, Jessica  
**Graduation Year:** 2020 Spring  
Traumatic realism and the art of migration: Nadia Kaabi-Linke and Tiffany Chung

**Student:** Cho, Catherine  
**Graduation Year:** 2020 Spring  
Effects of the Anti-LGBTQ Backlash of 2016 in Indonesia

**Student:** Gambuti, Kristiana  
**Graduation Year:** 2020 Spring  
A Study of Life Narratives

**Student:** Guenther, Helena  
**Graduation Year:** 2020 Spring  
White, But Colored: The Emancipated Slaves of New Orleans
Student: Huang, Richard  
Graduation Year: 2020 Spring  
Changes in the White Matter Anatomical Connectivity as a Predictor for Postoperative Cognitive Dysfunction in Elderly Surgical Patients

Student: Hundley, Morgan  
Graduation Year: 2021 Spring  
The Impact of Segregationist Theology within the Southern Baptist Church in Alabama from 1935-1960

Student: Jin, Lingrong  
Graduation Year: 2020 Spring  
Interactive Effects of Salt Stress and Plant-Association on Soil Microbial Communities in North Carolina Coastal Wetlands

Student: Joseph, Suzanna  
Graduation Year: 2020 Spring  
Precision of a Non-Contact Cancer Detection System for use in Intraoperative Glioblastoma Margin Detection

Student: Juan, Conan  
Graduation Year: 2019 Fall  
Olfactory receptors for the discrimination of specific enantiomers

Student: Kadis, Lexi  
Graduation Year: 2020 Spring  
Victorian Women Travel Authors: Recruitment and Development, 1830-1900

Student: King, Connor  
Graduation Year: 2019 Fall  
Identifying Extracellular Vesicle-Associated Biomarkers for DYT1 Dystonia

Student: Li, Zilu (Lucian)  
Graduation Year: 2020 Spring  
Knowing the Empire: British Academics and the Indian Bureaucracy
Student: Mayle, Corinne  
Graduation Year: 2020 Spring  
Structural Inequality and Reproductive Health in Puerto Rico

Student: Moroof-Mustapha, Morenike  
Graduation Year: 2020 Spring  
Swedish Counterterrorism Policy in Re-integration of Former Terrorist Fighters

Student: Nuzzolillo, Eugene (Gino)  
Graduation Year: 2020 Spring  
The New South: The 1906 Atlanta Race Riot and Southern Urban Development, 1880 – 1930

Student: Ocal, Selin  
Graduation Year: 2020 Spring  
Addressing Hepatitis C in the American Prison Population: Strategies for Nationwide Elimination

Student: Puccio, Elena  
Graduation Year: 2020 Spring  
Developments of a Prochelator as a Strategy to Inhibit Metallo-Beta-Lactamase

Student: Ready, Ethan  
Graduation Year: 2020 Spring  
Investigation of the Effects of Climate Change on Tree Fecundity and on Associated Consumers in the French Alps

Student: Robinson, James  
Graduation Year: 2020 Spring  
The Last Nomads: A Documentary Study

Student: Rothenbuccher Natasha  
Graduation Year: 2020 Spring  
Where are you from? Complications in the Belief of the National Identity in Jordan
Student: Ruffin, Isabel  
Graduation Year: 2020 Spring  
Simulating adsorption of tau protein onto RNA

Student: Sharma, Annika  
Graduation Year: 2020 Spring  
Neuroanatomical Distribution of Oxytocin Receptors in Eulemur

Student: Simpson, Olivia  
Graduation Year: 2020 Spring  
Examining the Relationship Between Border-infrastructure/Enforcement and Border-adjacent Community Members

Student: Slingerland, Anna  
Graduation Year: 2020 Spring  
Using evolutionary fitness bottlenecks as a therapeutic vulnerability for osteosarcoma

Student: Steinruecke, Felix  
Graduation Year: 2021 Spring  
Mechanisms governing the regulation of system xCT by ABL kinases in brain metastatic NSCLC and glioblastoma

Student: Wu, Shitong  
Graduation Year: 2021 Spring  
Molecular Regulation of Laminar Shear Stress-Dependent Caskin2 Expression

Student: Xiong, Barbara  
Graduation Year: 2021 Spring  
Molecular Regulation of Laminar Shear Stress-Dependent Caskin2 Expression

Student: Xu, Frederick  
Graduation Year: 2020 Spring  
Effects of sexual selection on sex combs in previously-mated Drosophila simulans
**Student:** Yeh, Robin  
**Graduation Year:** 2020 Spring  
Promotion of alveolar type 2 epithelial cell to alveolar type 1 epithelial cell differentiation

**Student:** Zhao, Barbara  
**Graduation Year:** 2020 Spring  
Examining the role of GAK inhibitors on the growth of alveolar epithelial stem cells

**Student:** Zhaxi, Sangjie  
**Graduation Year:** 2020 Spring  
The Last Nomads: An ethnographic study of transformation on the Tibetan Plateau