

The 12th Annual



Fall Undergraduate Research Festival

Wednesday, November 10, 2021
4:30pm-6:30pm

University of Iowa
University Capitol Centre
2nd floor South Atrium
Iowa City, Iowa

**This event is hosted by the
Iowa Center for Research by
Undergraduates.**

**ICRU promotes undergraduate
involvement in research and creative
projects at the University of Iowa,
serving students, staff, and faculty.**

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The 2021 Fall Undergraduate Research Festival (FURF) is proud to showcase visual presentations focusing on the research and creative work performed by undergraduates at the University of Iowa. Presenters work in over **40 different departments** and major in over **35 different disciplines**, representing a broad range of sciences, arts, and humanities.

Odd numbered posters will present from 4:30-5:30PM
Even numbered posters will present from 5:30-6:30PM

****Please note that at 5:30, all of the boards will be turned around to show the even numbering and the second hour presenters' posters****

Many thanks to all of the people who make FURF a possibility - all undergraduates presenting their research and creative work, all poster judges, all mentors of undergraduate researchers, the Office of the Provost, the Office of the Vice President for Research and Economic Development, and the ICRU Research Ambassadors.

Programs with full abstracts are available on the ICRU website.

Upcoming ICRU Events and Opportunities

- Excellence in Undergraduate Research Award - February 1, 2022
- Distinguished Mentor Award - February 1, 2022
- ICRU Research Fellowship Applications Due:
 - *Summer - April 1, 2022
 - *Academic Year - April 22, 2022
- Research in the Capitol - February 21, 2022
- Spring Undergraduate Research Festival (SURF) - TBA

4:30-5:30PM Presenters (odd numbers only)

1 - Andrew Behrens

Three-Dimensional Coverage Maps in the Assessment of Chopart Subluxation in Progressive Collapsing Flatfoot Deformity

Major: Biomedical Engineering

Mentor: Dr. Kevin Dibbern (Orthopedics)

3 - Scott Bell

Macrophages harbor a Cryptococcus neoformans mutant with irregular extracellular proliferation

Major: Biomedical Engineering

Mentor: Dr. J. Muse Davis (Pediatrics)

5 - Esmee Belzer

Interaction of humic acid and uranyl cations in aqueous environments

Majors: Chemistry | Statistics

Mentors: Dr. Tori Forbes, Dmytro Kravchuk (Chemistry)

7 - Reese Bobitt

Who Should Be Held Accountable For the Climate Refugee Crisis?

Major: Political Science

Mentor: Dr. Brian Lai (Political Science)

9 - Cecelia Bonilla

Juvenile Justice: The Incarceration of Youth in the U.S.

Major: Criminology

Mentor: Dr. Karen Heimer (Sociology & Criminology)

11 - Hunter Briggs

Coronal bone rotation of the medial column in hallux valgus: A retrospective case control study with Weight-Bearing-CT assessment.

Major: Health & Human Physiology

Mentors: Drs. Cesar de Cesar Netto, Matthieu Lalevee, Dr. Kevin Dibbern (Orthopedic Functional Imaging Laboratory)

13 - Joshua Brown

Laying the groundwork for identifying neurodevelopmental impacts of PCB exposure during adolescence

Majors: Public Health

Mentor: Dr. Hans-Joachim Lehmler (Occupational & Environmental Health)

15 - Theodore Byrnes

Operationalizing Email Informality in the Flint Water Crisis

Majors: Chinese | Linguistics (TESL)

Mentor: Dr. Louise Seamster (Sociology & Criminology)

17 - Megan Christianson

Legislating the Landscape: The Battle for a Federal Wilderness Bill for Montana, 1979-1988

Majors: History | International Relations

Mentor: Dr. Tyler Priest (History)

19 - Maddy Daley

Probing Structural Evolution of Stationary Phase in Chemical Separations with Free Energy Imaging

Majors: Chemistry | Music | Science Education

Mentors: Dr. Max Lei Geng, Hong Bok Lee (Chemistry)

23 - Samuel Eliassen

Cypermethrin Induces Changes in Fetal Microglia Populations and in Placental Immune Cells

Major: Neuroscience

Mentor: Dr. Hanna Stevens (Psychiatry)

25 - Laura Evans

Facial Twitching In Sleeping Human Infants: Expression Of Emotion Or Mere Movement?

Major: Neuroscience

Mentors: Drs. Mark Blumberg and Greta Sokoloff (Psychological & Brain Sciences)

27 - Jordan Ewald

Toxicity of Novel Radiopeptides on Stem Cells

Major: Biomedical Engineering

Mentors: Drs. Sue O'Dorisio and Claudia Robles (Pediatrics)

29 - Meghan Funk

Determining whether aberrant vasopressin concentrations persist postpartum

Major: Mathematics

Mentor: Dr. Donna Santillan (Obstetrics & Gynecology)

31 - Bailey Garnica

The Role of ARHGAP29 in Keratinocyte Migration

Major: Health & Human Physiology

Mentor: Dr. Martine Dunnwald (Anatomy & Cell Biology)

33 - Sophia Gilbert

The Direction of Lesbian Organizing During the Reagan-Bush Era

Majors: History | Political Science

Mentor: Dr. Leslie Schwalm (History)

35 - Noah Gilkes

The role of type I interferon signaling in mice following experimental traumatic brain injury.

Major: Neuroscience

Mentor: Dr. Elizabeth Newell (Pediatrics)

37 - Will Golay

Spectroscopic Instrumentation for Small Optical Telescopes

Majors: Astronomy | Physics

Mentor: Drs. Robert Mutel, Caroline Roberts (Physics & Astronomy)

39 - Sean Michael Gomendoza

Validate PR regulators by CRISPR interference (CRISPRi)-mediated transcriptional repression

Major: Biomedical Sciences

Mentor: Dr. Xiangbing Meng (Pathology)

41 - Maria Gorham

Language, Social Stratification, and "Vínculos:" How the paisa dialect constructs social identity in Medellín, Colombia

Major: Spanish

Mentor: Dr. Kristine Muñoz (Spanish & Portuguese)

43 - Wesley Hanson

Evaluation of Novel Receptors Facilitating Ebolavirus Infection of Human Keratinocytes

Major: Microbiology

Mentor: Dr. Wendy Maury (Microbiology & Immunology)

45 - Reagan Hart

"Injure Their Reputation, and Terminate Their Life": Privacy for Venereal Disease Patients in Early Modern England

Major: History

Mentor: Dr. Elizabeth Yale (History)

47 - Bailey Hollis

Possible Neurodegenerative Impact of SARS-CoV-2 (COVID-19) on the Human Brain

Major: Health & Human Physiology

Mentor: Dr. Li-Chun (Queenena) Lin (Iowa Neurobank Core)

49 - Madi Holm

Comparing AHA gold standard blood pressure measurement in pregnant women to electronic home monitoring and clinical measurement

Major: Nursing

Mentors: Drs. Debra Brandt, Donna Santillan (Obstetrics & Gynecology)

51 - Hiatt Holman

The Effect of a State's Human Rights Record on Their Extradition Requests

Majors: Political Science | Ethics & Public Policy

Mentor: Dr. Brian Lai (Political Science)

53 - Lillian Jones

A scalable passive method for the quantification of airborne allergens

Major: Chemistry

Mentor: Dr. Elizabeth Stone (Chemistry)

55 - Andrew Kain

Biological vs Artificial Intelligence: Can Either Solve the Subdivided Concentric Rings Categorization Task?

Major: Neuroscience

Mentor: Dr. Ed Wasserman (Psychological & Brain Sciences)

57 - John Kamp

"It Ought to Be Possible": The Kennedy Administration, Black Radicalism, and the Civil Rights Movement, 1963

Majors: Political Science | History

Mentor: Dr. Landon Storrs (History)

59 - Hanna Konavaluk

Comparison between geochronologic and geochemical provenance models for Cretaceous sedimentary rocks in Southwestern Montana

Major: Geoscience

Mentors: Drs. Kenny Horkley, Emily Finzel (Earth & Environmental Science)

61 - Hannah McCumber

Tracking Bacterial Colonization In Association With The F508del Cystic Fibrosis Mutation

Major: Biology

63 - Abby Morrison

Measuring Differences in the Glucocorticoid Receptor's Interactome Using APEX2

Major: Biochemistry

Mentor: Dr. Miles Pufall (Biochemistry & Molecular Biology)

65 - Jack Motz

"Rudy Thinks He's Batman": Koch, Giuliani, and Dinkins in the 1989 Race for Mayor

Majors: English | History

Mentor: Dr. Tyler Priest (History)

67 - Sophia Nopoulos

Defining Clinical Progression of Juvenile-Onset Huntington's Disease: An Enroll-HD Analysis

Major: Biology

Mentor: Dr. Jordan Schultz (Psychiatry)

69 - Rachel Orpano

*Hormonal control of stem cell initiation in the fern *Ceratopteris richardii*.*

Major: Biochemistry

Mentor: Dr. Chi-Lien Cheng (Biology), Chris Youngstrom (Biology)

71 - Benjamin Pappas

The role of iRhom2-dependent signaling pathways in colorectal cancers

Major: Biomedical Sciences

Mentor: Dr. Thorsten Maretzky (Internal Medicine)

73 - Katherine Pauley

Exploring the Efficacy of Inhalation Aromatherapy in the Oncology Population: A Narrative Review

Major: Nursing

Mentor: Dr. Catherine Cherwin (Nursing)

75 - Cade Rahlf

Calmodulin Binds Conserved Motifs in Fibroblast Growth Factor Homologous Factors

Major: Biochemistry

Mentor: Dr. Madeline Shea (Biochemistry & Molecular Biology)

77 - Olivia Rauzi

Retirement in the United States: Gender Gap, Covid-19 Impacts, and Solutions to Accumulate More Wealth

Major: Finance

Mentor: Dr. Catherine Zaharis (Finance)

79 - Ana Rodriguez

Simulating Molecular Diffusion in Separation Science

Major: Interdepartmental Studies

Mentors: Dr. Max Lei Geng, Hong Bok Lee (Chemistry)

81 - Grant Salvucci

Investigating genetic interactions between genes encoding the Myb oncoprotein and key repressive chromatin and insulator binding proteins.

Major: Biology

Mentor: Dr. John Manak (Biology)

83 - Sushma Santhana

Measuring Tunnel Placement in ACL Reconstruction from Weight Bearing CT

Major: Biomedical Engineering

Mentor: Dr. Donald Anderson (Orthopedics & Rehabilitation)

85 - Sophia Shubatt

Best Practices for Teaching Higher Education in Iowa Prisons

Majors: Criminology, Law, & Justice | Political Science

Mentor: Dr. Stephanie DiPietro (Sociology and Criminology)

87 - Jack Smith

Cosolvent Effects on Crystallization of Novel Uranium Dimer

Majors: Neuroscience | Biochemistry

Mentor: Dr. Tori Forbes, Samantha Kruse (Chemistry)

91 - Michael Toops

Pseudomonas aeruginosa biofilm sterilizing on Thermoelectric Devices

Major: Chemical & Biochemical Engineering

Mentor: Dr. Eric Nuxoll (Chemical & Biochemical Engineering)

93 - Emerson Tran Lam

Potential Electrochemical Applications in Green Chemistry

Major: Chemistry

Mentor: Dr. Christian Haas (Chemistry)

95 - Cally Tucker; Joshua Peterson

Mice with DRP1 Depletion in Skeletal Muscle are Resistant to Age-related Weight Gain Associated with Activation of Endoplasmic Reticulum-dependent Stress Response.

Majors: Neuroscience | Biochemistry; Biology | Biochemistry

Mentor: Dr. Marcelo Correia (Internal Medicine)

97 - Zach Vig

Using a Camsizer to improve grain-size based Hydraulic Conductivity Estimates

Majors: Physics | Geology

Mentor: Dr. Emily Finzel (Earth & Environmental Sciences)

99 - Rachael Volkman

Characterizing the role of indirect-projecting D1-MSNs in movement and interval timing

Major: Neuroscience

Mentor: Dr. Kumar Narayanan (Neurology)

101 - Matthew Wells

SETDB1 Promotes Tumor Growth Through Suppression of Macrophage Infiltration Into the Tumor Microenvironment

Major: Human Physiology

Mentor: Dr. Shujie Yang (Pathology)

103 - Amisha Mohanty; Isabel Meade; Allen Li; Maryam Mohammed

Foreign Policy - The Effective Use of Force in Human Rights Interventions

Majors: International Relations | Economics ; Political Science; Business; International Relations

Mentor: Brian Lai (Political Science)

**5:30-6:30 Presenters
(even numbers only)**

2 - Kesten Anderson

Training and Certification in Transcranial Magnetic Stimulation

Major: Neuroscience

Mentor: Dr. Kanchna Ramchandran (Internal Medicine)

4 - Laxmi Annapureddy; Emily Severino

The Role of Parental Input and Dialogue in Children's Number Processing Development: A Behavioral Study

Majors: Neuroscience | Journalism & Mass Communication; Psychology | Criminology, Law, & Justice

Mentor: Dr. Ece Demir-Lira (Psychological & Brain Sciences)

6 - Shalini Birari

Tracking the dissemination of Leishmania Infantum in mice

Major: Microbiology

Mentor: Dr. Mary Wilson (Microbiology & Immunology)

8 - Daniel Bloch

Eastern Iowa Dune Orientation as a Proxy for Effective Wind-Direction During the Late-Wisconsinan

Major: Environmental Hydroscience

Mentor: Dr. Phil Kerr (Earth & Environmental Science)

10 - Nicole Boodhoo

The role of the 5-HT_{2c} receptor on breathing and mortality following an induced seizure in amygdala kindled mice: the possible role of corticosterone

Major: Biomedical Sciences

Mentor: Dr. Gordon Buchanan (Neurology)

12 - Christian Brandt

Computational Analysis of Mutation In Kv8.2

Major: Biochemistry

Mentor: Dr. Shelia Baker (Biochemistry & Molecular Biology)

14 - Brianna Brennecke

Establishment of the functional monolayer of human pancreatic beta cells as a model to study interactions of intracellular organelles

Major: Biomedical Engineering

Mentor: Dr. Yumi Imai (Internal Medicine)

16 - Benjamin Colbert

Analyzing Correlations between Self-Report and Accelerometer-based Physical Activity Assessment Across Activity Levels

Major: Human Physiology

Mentor: Dr. Laura Frey-Law (Physical Therapy & Rehabilitation Sciences)

18 - Kalynn Culver

TRPM7 and TYRP1 detoxify melanin-synthesis: a shared pathway involving zinc?

Major: Biology

Mentor: Dr. Robert Cornell (Anatomy & Cell Biology)

20 - Cole Dorman

The Development of the MAGIC Magnetic Screening Apparatus

Majors: Physics | Astronomy

Mentor: Dr. David Miles (Physics & Astronomy)

22 - Joshua Doucette

Search for Dark Matter in mono-H(bb) channel with the ATLAS detector

Majors: Physics | Mathematics

Mentor: Dr. Usha Mallik (Physics & Astronomy)

24 - Grace Drinane

Blood pressure measurements in pregnant women comparison of the American Heart Association guidelines to inpatient clinical measurement

Major: Human Physiology

Mentor: Dr. Donna Santillan (Obstetrics & Gynecology)

26 - Bridget Easler

Obtaining Baseline Characteristics of Longitudinal Study Participants with Clinically Isolated Syndrome and Relapsing-Remitting Multiple Sclerosis

Major: Public Health

Mentor: Dr. Terry Wahls (Internal Medicine)

28 - Greg Eckley

Sensitivity of white oak growth to past climate variability in eastern and central Iowa

Majors: Environmental Science | Spanish

Mentor: Dr. Matthew Dannenberg (Geographical & Sustainability Sciences)

30 - Khalid Elhadi

Effect of the Morphine Metabolite M3G on VEGF Protein Expression in SPARC-null Intervertebral Discs

Major: Health & Human Physiology

32 - Hanlong Fan

Complex Rule Learning in Pigeons

Major: Psychology

Mentor: Dr. Leyre Castro (Psychological & Brain Sciences)

34 - Hope Fury

Regulatory T Cells Require the Transcription Factor GATA3 for Optimal Suppression of Graft-versus-Host Disease

Major: Biomedical Sciences

Mentor: Dr. M Nedim Ince (Internal Medicine)

36 - Alexandra Gilchrist

Consequences of Pay for Play

Major: Accounting

Mentor: Dr. Andrew Hosmanek (Management & Entrepreneurship)

38 - Megan Grunst

Carbon Fiber Ankle Foot Orthoses in Individuals with Impairments: A Systematic Review

Major: Biomedical Engineering

Mentor: Dr. Jason Wilken (Physical Therapy & Rehabilitation Sciences)

40 - Henry Hammer

Frequency Correlation Measurements of Wavefront-shaped Light in Round, Square, and Rectangular Multimode Fiber Core Geometries

Majors: Physics | Mathematics

Mentor: Dr. Ravitej Uppu (Physics & Astronomy)

42 - Maxwell Herrmann

Automation and Quality Control for Upgrades to the CMS Outer Tracker

Majors: Physics | Mathematics

Mentors: Drs. Jane Nachtman, Yasar Onel (Physics & Astronomy)

44 - Ben Hinz

In silico and in vivo analysis of amino acid substitutions that cause laminopathies

Major: Biomedical Engineering

Mentor: Dr. Lori Wallrath (Biochemistry & Molecular Biology)

46 - Madeleine Hodgson

Acceptability of mHealth blood pressure monitoring in pregnant women

Major: Communication Studies

Mentors: Drs. Debra Brandt, Donna Santillan (Obstetrics & Gynecology)

48 - John Horne

Detection of emerging Volatile Organic Compounds using infrared spectroscopy

Majors: Physics | Astronomy

Mentor: Dr. Tom Folland (Physics & Astronomy)

50 - Brandon Hu

A Novel Treatment Strategy for Drug Resistant Melanoma Cells

Major: Biomedical Engineering

Mentors: Drs. Christopher Stipp, Maurine Neiman (Biology)

52 - Lauren Johnson

Holding Out For a Hero(ine): A Postfeminist Analysis of Superhero Stories from the 1980s

Major: History

Mentor: Dr. Tom Midtrød (History)

54 - Spenser Johnson

Superoxide dismutase mimetic GC4419 sensitizes head and neck cancer to conventional fractionated and stereotactic body radiation therapy combined with cisplatin.

Major: Biochemistry

Mentors: Drs. Melissa Fath, Doug Spitz (Radiation Oncology)

56 - Preston Johnson

Examining the Effects of Mood and Anxiety on Functional Outcomes in Schizotypy

Major: Neuroscience

Mentor: Dr. Amanda McCleery (Psychological & Brain Sciences)

58 - Allysa Jones

Effect of stimulation of serotonergic terminals in the PPT on arousal

Major: Neuroscience

Mentor: Dr. Gordon Buchanan (Neurology)

60 - Jack Lauer

Breaking Bread: The Equal Rights Amendment and the Politicization of Foodways, 1972-1982

Majors: History | Gender, Women's & Sexuality Studies

Mentor: Drs. Landon Storrs (History) and Caroline Radesky (History | Gender, Women's & Sexuality Studies)

62 - Linette Leng

Radiation-induced long-term endothelial senescence and barrier damage.

Majors: Spanish | Interdepartmental Studies - Health Sciences

Mentors: Drs. Karima Ait-Aissa and Isabella Grumbach (Internal Medicine)

64 - Bin Rui Li

Establishment of Two Patient-derived Neuroendocrine Carcinoma Spheroid and Xenograft Models for Drug Testing

Majors: Medical Anthropology | Music

Mentor: Dr. Po Hien Ear (Surgery)

66 - Haley Lightfoot

Exploring the Synthesis and Formation of Extended Uranyl Solid Materials Through a Mild Temperature Flux Reaction

Major: Chemistry

Mentor: Dr. Tori Forbes (Chemistry)

68 - Alexandra Loren

Early Timepoint Prenatal Stress and its Effects on GABAergic Migration

Major: Neuroscience

Mentor: Dr. Hanna Stevens (Psychiatry)

70 - Haley Losh

Overcoming aggressive p53 mutations in gynecologic cancer

Major: Neuroscience

Mentors: Drs. Kimberly Leslie and Kristi Thiel (Obstetrics & Gynecology)

72 - Pedro Marra

Mortality among patients with sepsis associated with a bispectral electroencephalography (BSEEG) score

Major: Biomedical Sciences

Mentors: Drs. Gen Shinozaki (Psychiatry), Sangil Lee (Emergency Medicine)

74 - Katie McAllister; Yuvraj Thakor

Theory-based, Student-Delivered Health Coaching Intervention Improves Physical Activity

Majors: Health & Human Physiology; Health & Human Physiology

Mentor: Drs. Lucas Carr, Erin Litton (Health & Human Physiology)

76 - Delia Mozqueda

Digitization of the Switching Stroop Task

Major: Neuroscience

Mentor: Dr. Kanchna Ramchandran (Internal Medicine)

78 - Claire Murphy

*Decreased phosphatidylglycerol synthesis increases daptomycin resistance in *C. difficile**

Major: Microbiology

Mentor: Dr. Craig Ellermeier (Microbiology & Immunology)

80 - Stella Murphy

COVID-19 Vaccine Hesitancy Among African Immigrant Populations in Johnson County, IA: A Qualitative Study

Major: Public Health

Mentor: Dr. William Story (Community & Behavioral Health)

82 - Ethan Page

Life along the Mississippian Corridor 900-1200 AD

Majors: Art History | Anthropology

84 - Ryan Parian

Cooling Tests for the Barrel Timing Layer of the Compact Muon Solenoid Detector

Major: Physics

Mentor: Dr. Jane Nachtman (Physics & Astronomy)

86 - Sydney Pearl

Mechanisms of COVID-19 Related Poor Pregnancy Outcomes

Major: Biomedical Sciences

Mentor: Dr. Donna Santillan (Obstetrics & Gynecology)

88 - Isa Perales

Nuclear lamina distortion is not sufficient to cause checkpoint activation in Drosophila GSCs

Major: Biochemistry

Mentor: Dr. Pamela Geyer (Biochemistry & Molecular Biology)

90 - Camellia Pham

Antiquated Past and Storm-Tossed Modernity: Rethinking Comparative Modernisms through Intercultural Translation in Vietnam and China

Majors: Comparative Literature | Chinese

Mentor: Dr. Adrienne Rose (Comparative Literature, Classics)

92 - John Piaszynski

LESYMAP: A Statistical Tool For Analyzing Neurological Data

Majors: Statistics | Computer Science

Mentor: Dr. Kanchna Ramchandran (Internal Medicine)

94 - Andrea Kathryn Pingol

Evaluating concordance between patient self-reported and provider-documentation symptoms during treatment of cancer

Major: Nursing

Mentors: Dr. Stephanie Gilbertson-White, Alaa AlBashayreh, Dr. Catherine Cherwin (Nursing)

96 - Amanda Qi

Dual PI3K/Akt and HDAC Inhibitor, CUDC-907, Effectively Inhibits Obesity-Driven Endometrial Cancer Tumor Growth

Major: Biomedical Sciences

Mentor: Dr. Shujie Yang (Pathology)

98 - Salvatore Quaid

Projective Black Holes

Majors: Physics | Astronomy | Mathematics

Mentor: Dr. Vincent Rodgers (Physics & Astronomy)

100 - Ajla Rahmanovic

The Impact of COVID-19 on Pregnant Women

Major: Public Health

Mentors: Drs. Donna Santillan, Debra Brandt (Obstetrics & Gynecology)

102 - Madeline Rhomberg

Calcium Signaling Involvement in Spiral Ganglion Neuron Pathfinding in Response to Biochemical Cues

Major: Health & Human Physiology

Mentors: Drs. Marlan Hansen, Ray Fagenbaum (Otolaryngology) Allen Guymon (Chemical & Biochemical Engineering), Joseph Vecchi (Molecular Physiology & Biophysics)

104 - Jackson Russian

Memorialization of the Confederacy in Iowa - (1890-1920) vs. (1990-2020)

Major: History

Mentor: Dr. Nicholas Yablou (History)

106 - Jacob Sindt

Development of Next Generation Mid-Infrared Sensors for Monitoring Emissions of Greenhouse Gases and Volatile Organic Compounds

Major: Electrical Engineering

Mentor: Dr. Fatima Toor (Electrical & Computer Engineering)

108 - Regan Smock

The Impact of Sexual Assault Prevention Education on Bystander Intervention at Iowa

Major: Sociology

Mentor: Dr. Mary Noonan (Sociology & Criminology)

110 - Ayushi Sood

Ceramide Regulated Gene modulates adipose tissue metabolism

Major: Microbiology

Mentor: Dr. Bhagirath Chaurasia (Internal Medicine)

112 - Tuan Truong

The Roles Of The Dorsomedial Striatum & The Dorsolateral Striatum In Rat Category Learning

Majors: Neuroscience | Health & Human Physiology

Mentors: Dr. John Freeman, Matthew Broschard (Psychological & Brain Sciences)

114 - Demir Tuken; Eva Donnelly

The Acceptability and Efficacy of an Active Sitting Device among Sedentary Office Workers

Majors: Biomedical Engineering | Health & Human Physiology

Mentors: Drs. Lucas Carr, Nathaniel Jenkins (Health & Human Physiology)

116 - Joseph Verry

Heart Failure Medications are Associated with Long-Term Improvement in LV Systolic Function in Patients with Chemotherapy-Induced Cardiomyopathy

Major: Biomedical Engineering

118 - Grant Welk

Innate Immune responses associated with viral, bacterial, and parasitic infection stress of the NAD metabolome

Major: Biochemistry

Mentor: Dr. Charles Brenner

