



**The 14th Annual  
Spring  
Undergraduate  
Research  
Festival**

**Wednesday, April 18, 2018  
4:30pm-6:30pm**

University of Iowa  
University Capitol Centre  
2<sup>nd</sup> 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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**ICRU Director  
Bob Kirby  
bob-kirby@uiowa.edu**

**ICRU Program Coordinator  
Melinda Licht  
melinda-smits@uiowa.edu**

[www.uiowa.edu/icru](http://www.uiowa.edu/icru)  
319.335.8336  
[icru@uiowa.edu](mailto:icru@uiowa.edu)

The Spring Undergraduate Research Festival is proud to showcase over **100 visual presentations** given by the University of Iowa's student researchers and creative scholars. Presenters work in over **50 different departments** across campus and represent the senior, junior, sophomore, and freshman classes.

**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\*\*\***

We hope that you enjoy talking with these outstanding students and will see you again in for the 8th Annual Fall Undergraduate Research Festival!

**Programs with full abstracts are available on the ICRU website: [www.uiowa.edu/icru](http://www.uiowa.edu/icru).**

*Many thanks* to the over 100 graduate and professional students and postdocs who have volunteered their time to serve as poster judges for this event.



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# First Hour Presenters

## 4:30-5:30PM

(odd numbers only)

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### **1 - Ashley Arkfeld**

*Optimizing Scholarship Allocations to Shape a First-Year Class*

Major: Business Analytics & Information Systems, Marketing

Mentor: Jeffrey Ohlmann (Management Sciences)

### **3 - Serif Bacevac**

*Mechanisms for Insulin-dependent Regulation of Skeletal Muscle*

*Mitochondria by OPA-1*

Major: Health & Human Physiology

Mentor: Antenor Hinton (Internal Medicine)

### **5 - Jennifer Banks**

*Dismal River Housing: a comparative study of Apache housing structures*

Major: Anthropology

Mentor: Matthew Hill (Anthropology)

### **7 - Rachel Bartlett**

*Exploring Aural and Haptic Feedback for Visually Impaired People on a Track: A Wizard of Oz Study*

Major: Psychology & Informatics

Mentor: Kyle Rector (Computer Science)

### **9 - Marc Beer**

*Adaptive consequences of color variation among recently diverged varieties of a specialist insect*

Major: Biology

Mentor: Andrew Forbes (Biology)

### **11 - Mark Biangmano**

*Do Wishes Influence Expectations? Depends How You Ask*

Major: Psychology

Mentor: Paul Windschitl (Psychological & Brain Sciences)

### **13 - Aaron Buelow**

*Low Force Electrically Induced Exercise (LFEE) Attenuates Blood Metabolic Biomarkers in People with and without Spinal Cord Injury*

Major: Biomedical Engineering

Mentor: Richard Shields (Physical Therapy and Rehabilitation)

**15 - William Bui Tran**

*Fat-Derived FGF21 is Dispensable for the Resistance to Diet-Induced Obesity Observed in Mice Lacking OPA1 in Adipose Tissue*

Major: Biomedical Engineering

Mentors: Renata Pereira (Internal Medicine); E. Dale Abel (Internal Medicine)

**17 - Joseph Burba**

*Fluorescence-Monitored Assays for Binding Affinity of Calmodulin Mutants to NaV*

Major: Biochemistry

Mentor: Madeline Shea (Biochemistry)

**19 - Eleanor Burke**

*Errors in Estimation - Predictors and Consequences*

Major: Psychology

Mentor: Gary Gaeth (Marketing); Irwin Levin (Psychology)

**21 - Akanksha Chilukuri**

*Effects of Preeclampsia on Cortical Growth and Cortical-Dependent Behavior Using a Vasopressin Mouse Model*

Major: Neuroscience

Mentor: Hanna Stevens (Psychiatry)

**23 - Ross Clowser**

*Society for Ethnomusicology Podcast*

Majors: Music (Jazz Studies), International Relations

Mentor: Trevor Harvey (Music)

**25 - Liam Crawford**

*StoryCarnival: Developing Design Principles for Early Childhood Learning Environments*

Majors: Computer Science, Philosophy

Mentor: Juan Pablo Hourcade (Computer Science)

**27 - Christine Czarnecki**

*Formulation of novel dry powder antibacterial aerosols using central composite design of experiments*

Major: Chemical & Biochemical Engineering

Mentor: Jennifer Fiegel (Chemical & Biochemical Engineering)

**29 - Sarah DeLong-Duhon**

*Resolving phylogenetic relationships between three endemic *Stereum* fungi species*

Major: Environmental Science

Mentor: Andrew Forbes (Biology)

**31 - Monica Derby**

*Personalizing symptom management strategies to meet the needs of rural residents with advanced cancer*

Major: Nursing

Mentor: Stephanie Gilbertson-White (Nursing)

**33 - Joshua Dunigan**

*Calcium-Triggered Activation of Calcineurin: Release of the Auto-Inhibitory Domain is Regulated by Calmodulin*

Majors: Genetics & Biotechnology

Mentor: Madeline Shea (Biochemistry)

**35 - Lauren Dunlay**

*Neuronal activity in the infralimbic cortex during cocaine seeking: representations of environment and decision making*

Major: Psychology

Mentors: Ryan LaLumiere (Psychological & Brain Sciences); Victoria Muller Ewald (Psychological and Brain Sciences)

**37 - Ryder Fink**

*Genetic Modifiers of a *Drosophila* model of sodium channelopathies*

Major: Human Physiology

Mentor: Toshihiro Kitamoto (Anesthesia)

**39 - Kathryn Gabel**

*Narrative Skills in School-Age Children who are Hard of Hearing*

Major: Speech & Hearing Science

Mentor: Elizabeth Walker (Communication Sciences & Disorders)

**41 - Manisha Gore**

*The effects of semioccluded vocal tract (SOVT) techniques on the vocal tract and vocal folds*

Majors: Speech and Hearing Science

Mentor: Eileen Finnegan (Communication Sciences & Disorders)

### **43 - Christina Grimes**

*Characterization of infralimbic cortical activity in rats while seeking or abstaining from cocaine*

Major: Psychology

Mentors: Victoria Muller Ewald (Psychological & Brain Sciences); Ryan LaLumiere (Psychological & Brain Sciences)

### **45 - Emily Hanson**

*Quantifying and Identifying Hidden Hearing Loss*

Major: Communication Sciences & Disorders

Mentors: Inyong Choi (Communication Sciences & Disorders); Shawn Goodman (Communication Sciences & Disorders)

### **47 - Carolyn Hoemann**

*Young, Urban Cambodian's Perceptions of Local Healthcare Services: an Exploratory Qualitative Analysis*

Major: Ethics & Public Policy

### **49 - Jessica Janota**

*Aphasia Reading Club Outcomes: Acquisition and Use of Metacognitive Reading Strategies*

Major: Speech & Hearing Science

Mentor: Alison Lemke (Communication Sciences & Disorders)

### **51 - Tiara Kane**

*Social Justice in Dickens' A Tale of Two Cities and today*

Major: English

Mentor: Takis Poulakos (Rhetoric)

### **53 - Alethea Kapolas**

*Sandstone:shale ratio maps of the Pennsylvanian lower Cherokee Group in southern Iowa*

Major: Environmental Science

Mentors: Emily Finzel (Earth & Environmental Sciences); Justin Rosenblume (Earth and Environmental Sciences)

### **55 - Madison Kasperek**

*Acceptability of Measures assessing Environmental Confounders of Dietary Habits*

Major: Physiology

Mentor: Teresa Marshall (Preventative & Community Dentistry)

### **57 - Morgan Kemerling**

*Investigating the Effects of Exercise on Adipose Tissue Metabolism*

Major: Human Physiology

Mentor: Kathleen Markan (Pharmacology)

### **59 - Eric Knapp**

*Determining Parameters for Optimal Transferrable Shadow Cure Polymerization*

Major: Chemical Engineering

Mentor: Julie Jessop (Chemical & Biochemical Engineering)

### **61 - Virginia Lamas Meza**

*Analysis of Extractable Lipids and PCB 136 (2,2',3,3',6,6'-hexachlorobiphenyl) in Transgenic Mice Tissues*

Major: Environmental Chemistry

Mentor: Hans-Joachim Lehmler (Occupational and Environmental Health)

### **63 - Josh Larson**

*CaNoRock - The Canada-Norway Student Sounding Rocket Field School*

Majors: Electrical Engineering, Physics

Mentor: David M. Miles (Physics & Astronomy)

### **65 - Rikki Laser**

*Deficits in REM sleep twitching indicate developmental delay in a mouse model of autism*

Major: Neuroscience

Mentors: Mark Blumberg (Psychological & Brain Sciences); Cassandra Coleman (Psychological & Brain Sciences)

### **67 - Yahang Li**

*DRP-1 and Mitochondria-associated endoplasmic reticulum membranes are important for inducing fission during exercise*

Major: Biomedical Engineering

Mentors: E. Dale Abel (Internal Medicine); Antentor Hinton (Internal Medicine)

### **69 - Kaylee Lindburg**

*Economic Effects of Johnson County Minimum Wage Increase on Local Business Activity*

Major: Economics

Mentor: John Solow (Economics)



**71 - Michael Lord**

*The Role of Uncoupling Protein 2 (UCP2) in Platelet Mitochondrial Function*

Major: Human Physiology

Mentor: Rhonda Souvenir (Internal Medicine)

**73 - Lucas Maakestad**

*The Effects of Protein Architectures on Polymerase Selection During Translesion Synthesis*

Majors: Biochemistry, Chemistry

Mentor: Todd Washington (Biochemistry)

**75 - Russell Martin**

*Using zebrafish to test potential drugs for their efficacy against epileptic seizures*

Major: Biomedical Engineering

Mentors: Robert Cornell (Anatomy & Cell Biology); Alexander Bassuk (Pediatrics)

**77 - Hailey Moore**

*Polarization in the Radio Arc in the Galactic Center*

Major: Physics & Astronomy

Mentor: Cornelia Lang (Physics & Astronomy)

**79 - Sarah Nguyen**

*The role of the surface completion in the convexity context effect*

Major: Psychology

Mentor: Cathleen Moore (Psychological & Brain Sciences)

**81 - Claire O'Connell**

*Validating Rotamer Optimization Using Goldstein Elimination Criteria*

Major: Biomedical Engineering

Mentor: Michael Schnieders (Biomedical Engineering)

**83 - McKenna Pierson**

*Adolescent Risk Taking and Sensitivity to Negative Outcomes*

Major: Psychology

Mentor: Jatin Vaidya (Psychiatry)

**85 - Morgan Rafferty**

*Artificial Intelligence for Financial Services*

Major: Mathematics

Mentor: Isabel Darcy (Mathematics)

**87 - Alex Rice**

*How Technology is Transforming the Retail Space*

Major: Economics

Mentor: Julia Garlick (Economics)

**89 - Amy Schembari**

*The Effect of Career Preparation and Perceived Proactivity on Anticipated Person-Environment Fit*

Majors: Marketing, Entrepreneurial Management

Mentor: Amy Kristof-Brown (Management & Organizations)

**91 - Cassandra Sheridan**

*The Role of Category Density in Pigeon's Tracking of Relevant Information*

Major: Psychology

Mentors: Ed Wasserman (Psychological & Brain Sciences); Leyre Castro (Psychological and Brain Sciences)

**93 - Neevetha Sivagurunathan**

*The Effects of ADHD and Depression on Sensitivity to Reward and Punishment*

Majors: Psychology, Statistics

Mentor: Molly Nikolas (Psychological & Brain Sciences)

**95 - Brittany Stephanie**

*Car Insurance Factors*

Major: Mathematics

Mentor: Isabel Darcy (Mathematics)

**97 - Sarah Stueve**

*Uncoupling Protein (UCP)-2 and Thrombosis Risk*

Major: Biology

Mentor: Rhonda Souvenir (Internal Medicine)

**99 - Keely Sybesma**

*Effects of Biomass Burning Emissions on Pregnancies in Temuco, Chile*

Majors: Mathematics, Chemistry

Mentor: Elizabeth Stone (Chemistry)

**101 - Ravjot Virdi**

*Effect of combination therapy with Annexin V and CTLA 4 in a mouse model of breast cancer*

Major: Bioomedical Sciences

Mentors: Joel Shilyansky (Surgery, Pediatrics); Chaobo Yin (Surgery)

### **103 - Bowen Wang**

*Effect of Country-by-Country Reporting on Multinational Enterprise Tax Avoidance Strategy*

Major: Accounting

Mentors: Kevin Markle (Accounting); Jaron Wilde (Accounting)

### **105 - Nicole Wendel**

*Monitoring and Modeling Drug Dissolution Kinetics: New Experiment for Pharmaceutical Education*

Major: Chemistry

Mentor: Lei Geng (Chemistry)

### **107 - Ziling Xia**

*How to Improve the Health of International Students in American Colleges*

Major: Health & Human Physiology

Mentor: Gayle Walter (Health & Human Physiology)

### **109 - Ziyang Yu**

*Social media sentiments and company performance*

Majors: Finance, Mathematics

Mentor: Shagun Pant (Finance)

### **111 - Cody Zak**

*Role of infralimbic projections to the nucleus accumbens core in extinction of cocaine seeking behavior.*

Majors: Psychology, Neurobiology

Mentors: Ryan LaLumiere (Psychological & Brain Sciences); Kelle Nett (Psychological and Brain Sciences)

### **113 - Shao Yang Zhang**

*Angiotensin AT1A Receptors on AVP-expressing Neurons Contribute to Vasopressin Secretion*

Major: Biomedical Engineering

Mentor: Justin Grobe (Pharmacology)

### **115 - Shiwen Zhou**

*Parents' Mind-Mindedness in Infancy and Children's Theory of Mind at Preschool Age*

Majors: Psychology, Communication Studies

Mentor: Grazyna Kochanska (Psychological & Brain Sciences)

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# Second Hour Presenters

**5:30-6:30PM**

**(even numbers only—boards will be turned around)**

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## **2 - Kevin Blicharski; Alexander Powers**

*Bootstrapping Using Machine Learning to Create Training Datasets for Automatic Cerebellum Segmentation*

Major: Computer Science and Engineering; Computer Science and Engineering

Mentor: Hans Johnson (Electrical and Computer Engineering)

## **4 - Alexis Brannan**

*Teaching Boronic Acids New Tricks: Hydrogen-donor templates and supramolecular catalysts of [2+2] photocycloadditions in the solid state*

Major: Human Physiology

Mentors: Leonard MacGillivray (Chemistry); Gonzalo Campillo (Chemistry)

## **6 - Ashely Chong**

*Exploring the Creative Process*

Major: International Studies

Mentor: Natasa Duricova (International Writing Program)

## **8 - Greg Collins**

*OPA1 deletion results in ER stress, cardiac dysfunction and death*

Major: Human Physiology

Mentors: E. Dale Abel (Internal Medicine); Helena Kenny (Internal Medicine)

## **10 - Geoff Collins**

*The formation and tracking of 3D breast cancer cellular spheroids in a high throughput format*

Major: Biochemistry

Mentor: Meng Wu (Pharmaceutical Sciences and Experimental Therapeutics)

## **12 - Cody Crawford**

*Revitalization of the University of Iowa's Bird Egg Collection after 100 Years of Dormancy*

Major: Biology

Mentor: Cindy Opitz (Pentacrest Museums)

## **14 - Mackenzie Cross**

*Analyzing the Faunal Assemblage Produced by Woodland Hunters*

Major: Anthropology

Mentor: James Enloe (Anthropology)

## **16 - Victoria Cunningham**

*Familial Characteristics of Urinary Chronic Pelvic Pain Syndrome (UCPPS) in the MAPP Research Network Data*

Major: Human Physiology

Mentor: Susan Lutgendorf (Psychological & Brain Sciences)

## **18 - Riley Deutsch**

*An Ex Vivo Staining Technique for Enhanced Image Contrast of Tissue Samples in Micro Computed Tomography*

Major: Biomedical Engineering

Mentor: Jessica Sieren (Radiology)

## **20 - Alayna Dieter**

*Skeletal Muscle-Specific DRP1 Deficiency Alters Autophagy, Increases ER Stress and Apoptosis and Reduces Force Generation in Skeletal Muscle*

Major: Biochemistry

Mentor: Marcelo Correia (Internal Medicine)

## **22 - Gabrielle Duncan**

*Epigenetic Investigation of Military Sexual Trauma in Post-Traumatic Stress Disorder*

Majors: Human Physiology, Cell & Developmental Biology

Mentor: Gen Shinozaki (Psychiatry)

## **24 - Caroline Emory**

*Efferent Auditory Feedback During Human Vocalization*

Majors: Speech & Hearing Science, Psychology

Mentor: Shawn Goodman (Communication Sciences & Disorders)

### **26 - Zhiting (Jack) Feng**

*Boronic ester coordination enables [2+2]-photodimerizations in the solid state - a green chemistry approach for the synthesis of useful building blocks*

Majors: Biochemistry, Ethics & Public Policy

Mentor: Leonard MacGillivray (Chemistry)

### **28 - Rebecca Frederick**

*What's in front? Measuring figure-ground segregation across the visual field*

Majors: Psychology, English

Mentor: Cathleen Moore (Psychological & Brain Sciences)

### **30 - Diana Garcia**

*Stone Tool Manufacture at Woodpecker Cave: Results from Raw Material Analysis*

Major: Anthropology

Mentor: James Enloe (Anthropology)

### **32 - Austin Greenough**

*A Comparison of the Critical Accounting Policies Between Significant U.S. Companies and Their Chinese Counterparts*

Major: Accounting

Mentor: Cristi Gleason (Accounting)

### **34 - Ye Guo**

*Interpretable Models for Explaining and Assisting Convolutional Neural Networks*

Majors: Finance, Business Analytics & Information Systems

Mentor: Tong Wang (Business)

### **36 - Cameron Hauser**

*Role of locus coeruleus noradrenergic neurons in CO<sub>2</sub>-induced arousal from sleep*

Major: Human Physiology

Mentor: Gordon Buchanan (Neurology)

### **38 - Kaelynn Heiberg; Rachel Maller**

*Equity Implemented: A Research-Practice Partnership with the Iowa City Community School District*

Major: Sociology, Ethics & Public Policy; Sociology

Mentor: Sarah Bruch (Sociology)

**40 - Elise Heitmann**

*Don't be so Dense: The Creation of Density Contour Maps*

Major: Anthropology

Mentor: James Enloe (Anthropology)

**42 - Brenda Herrera**

*Mechanisms Impacting Oral Health Equity in an Expanded Medicaid Program: Narratives from Program Members and Dentist*

Major: Global Health

Mentor: Julie Reynolds (Dentistry, Public Policy Center)

**44 - Joshua Hjelmaas**

*State Surveillance Using Quantum Processor-Backed Cryptography: The Future of Electronic Privacy Law*

Major: Business Analytics and Information Systems

Mentor: Andrew Hosmanek (Management & Organizations)

**46 - Zachary Juron; Mohamad Abdullah Mohd Kamal**

*Topological Data Analysis (TDA) & the Chicago Cubs*

Majors: Mathematics; Statistics, Mathematics

Mentor: Isabel Darcy (Mathematics)

**48 - Khaled Kayali**

*Effects of Cypermethrin on the Morphology and Number of Microglia in the Embryonic Brain*

Major: Biomedical Engineering

Mentor: Hanna Stevens (Psychiatry)

**50 - Katelyn Kelly**

*Use and Discard: Analyzing Piece Plotted and Screened Artifacts from Woodpecker Cave*

Majors: Anthropology, Psychology

Mentor: James Enloe (Anthropology)

**52 - Breanna Kramer-Riesberg**

*Ebola Virus Infection of Skin*

Major: Microbiology

Mentor: Al Klingelhut (Microbiology)

#### **54 - Yunyi Li**

*Self-exciting risk modelling for predicting next location of series crimes*

Major: Business Analytics

Mentor: Tong Wang (Management Science)

#### **56 - Carter Lilly**

*Comparing the Impact of Modified Paleolithic Diet and Low Saturated Fat Diet on Motor Function in the Setting of Fatigued Relapsing-Remitting Multiple Sclerosis Patients*

Major: Human Physiology

Mentor: Terry Wahls (Internal Medicine)

#### **58 - Lingyi Liu**

*Probing Molecular Transport in Nanoporous Silica Particles by Single-Molecule Spectroscopy*

Majors: Chemistry, Biochemistry

Mentor: Lei Geng (Chemistry)

#### **60 - Leigha Meredith**

*Characterizing Urban Forest Communities through Tree Surveys and Soundscape Recordings*

Major: Environmental Science

Mentor: Heather Sander (Geography)

#### **62 - Alissia Milani**

*Lake Michigan Ozone Study: Characterization and Sources of Airborne Particles*

Major: Chemistry

Mentor: Elizabeth Stone (Chemistry)

#### **64 - Prince Morkeh**

*ATL-1, the *C. elegans* ATR homolog, is required for maintaining chromosomal integrity in aging germline*

Major: French

Mentor: Sarit Smolikove (Biology)

#### **68 - Margaret Mungai**

*MFN-2, a mitochondria-associated endoplasmic reticulum membrane protein may be important for the formation of insulin mediate ER-Mitocontacts*

Majors: Biology, Neuroscience

Mentor: Antentor Hinton (Internal Medicine)



**70 - Matthew Murry**

*Autophagy protects cardiomyocytes against palmitate-induced death*

Major: Biology

Mentor: Quan Jiang Zhang (Internal Medicine)

**72 - Danielle Nauman**

*The effects of vocal effort on bilabial contact pressure and intraoral air pressure*

Major: Speech & Hearing Sciences

Mentor: Jerry Moon (Communication Sciences & Disorders)

**74 - Nhan Nguyen**

*Wnt5b is required for endoderm morphogenesis*

Major: Biomedical Engineering

Mentor: Fang Lin (Anatomy & Cell Biology)

**76 - Aleisha Norton**

*Psychosocial Well-Being and Depression in Ovarian Cancer Survivors*

Majors: Biology, Psychology

Mentor: Susan Lutgendorf (Psychological & Brain Sciences)

**78 - Danielle Pellack**

*Is Mitochondrial Fission Protective in Glaucoma*

Major: Human Physiology

Mentor: Michael Anderson (Molecular Physiology & Biophysics, Ophthalmology & Visual Sciences)

**80 - Marissa Roseman**

*Do parasites help drive life history variation in natural populations?*

Majors: Biology, Environmental Science

Mentor: Maurine Neiman (Biology)

**82 - Alexi Rubin**

*Analyzing the Effect of the Wahls and Swank Diets on Fatigue, Mood, and Cognition in Multiple Sclerosis Patients*

Major: Nursing

Mentor: Terry Wahls (Internal Medicine)

**84 - Eli Schmidt**

*The guidance of visual attention through learned feature probabilities*

Major: Psychology

Mentor: Shaun Vecera (Psychological & Brain Sciences)

**86 - Victoria Shihadah**

*Framing Expectations: The Effects of Transient Degraded Speech Conditions on Competition in Spoken Word Recognition*

Major: Speech & Hearing Science

Mentor: Bob McMurray (Psychological & Brain Sciences)

**88 - Katie Sinwelski**

*Evidenced-Based Interventions for Chemotherapy-Induced Dysgeusia*

Major: Nursing

Mentor: Catherine Cherwin (Nursing)

**90 - Zach Theiler**

*Homoleptic Neodymium(III) and Uranium(III) Phosphinodiboranates*

Majors: Biochemistry, Chemistry

Mentor: Scott Daly (Chemistry)

**92 - Maegan Tyrrell**

*Initial Qualitative Assessment of The Passport Project*

Major: Health Promotion

Mentor: Jon Winet (Art & Art History)

**94 - Allison Vaske**

*Role of CDK8 Activity in Cardiovasuclar Disease*

Major: Chemical Engineering

Mentor: Chad Grueter (Internal Medicine)

**96 - Sophia Vogeler**

*Maternal NR supplementation during lactation promotes NAD metabolism for milk production and neonatal development*

Major: Biochemistry

Mentor: Charles Brenner (Biochemistry)

**98 - Olivia von Gries**

*#getsmART! - A Digital Art Series*

Majors: Studio Art, Art History

Mentor: Veronica Rose Smith (Museum of Art)

**100 - Jesse Weiss**

*Introducing e-consents in a Clinical Setting*

Major: Nursing

Mentor: Debra Brandt (Obstetrics & Gynecology)

**102 - Michaela Wiltgen**

*Identifying risk factors for preeclampsia in subsequent pregnancies in women with a history of preeclampsia*

Major: Nursing

Mentor: Debra Brandt (Obstetrics & Gynecology); Donna Santillan (Obstetrics & Gynecology)

**104 - Arthur Wold**

*The Shellfish Informant: Using Bivalve Remains to Reconstruct Ancient Environments*

Major: Anthropology

Mentor: James Enloe (Anthropology)

**106 - Audrey Wood**

*Beyond the Text: Using Illustrations and Text Readers to Support Reading Comprehension in Post-Secondary Students with Intellectual or Developmental Disabilities*

Major: Speech & Hearing Science

Mentor: Meredith Saletta (Communication Sciences & Disorders)

**108 - Cole Wymore**

*Surveying Parents at a Health Fair About Attitudes and Practices Related to Helmet Use*

Major: Human Physiology

**110 - Yuanxi Zhang**

*Failure to Timely Remediation of ICFR Weaknesses and Audit Pricing*

Majors: Accounting, Finance

Mentor: Cristi Gleason (Accounting)

**112 - Shiwen Zhou**

*Parent-child Conversations about Road-crossing Safety in an Immersive Virtual Environment*

Majors: Psychology, Communication Studies

Mentor: Jodie Plumert (Psychological & Brain Sciences)

