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<tr>
<td>9 - 10 a.m.</td>
<td>Oral presentations, morning session A</td>
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<tr>
<td>10 - 11 a.m.</td>
<td>Poster presentations, morning live session</td>
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<tr>
<td>10:30 - 11 a.m.</td>
<td>Musical performance, live session</td>
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<tr>
<td>11 - 12 p.m.</td>
<td>Oral presentations, morning session B</td>
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<tr>
<td>12 - 1 p.m.</td>
<td>Artistic displays, live session</td>
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<td>1 - 2 p.m.</td>
<td>Oral presentations, afternoon session A</td>
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<td>3 - 4 p.m.</td>
<td>Oral presentations, afternoon session B</td>
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**Wednesday, April 14**

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**Thursday, April 15**

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<td>Oral presentations, afternoon session B</td>
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</table>
Artistic Presentations: April 14 &15

Live Sessions 12:00 p.m. - 1:00 p.m.

Alternatives
Nia Hemmitt | Photography
Faculty Sponsor: Dr. Joshua Greer

Appealing Wallpaper
Michaela Cooper | Studio Arts
Faculty Sponsor: Dr. Christina West

Black Lives Matter
Cashay Johnson | Textiles
Faculty Sponsor: Dr. Jessica Jones

Boobs
Kale Norton | Textiles
Faculty Sponsor: Dr. Jessica Jones

Box of Sins
Hussien Osman | Ceramics Faculty
Sponsor: Dr. Christina West

Crown
Markiesha Thornton | Studio Arts
Faculty Sponsor: Dr. Jill Frank

Garden
Ansley Zachocki | Ceramics Faculty
Sponsor: Dr. Christina West

Mycophobia
Chloe Hyatt | Art Education
Faculty Sponsor: Dr. Kevin Hsieh

Necrotic Transmutation
Ethan Price | Sculpture
Faculty Sponsor: Dr. Ruth Stanford

Quarantine Quilt
Kinley Davis | Textiles
Faculty Sponsor: Dr. Jessica Jones

Refuge
Jaclynn Lollar | Art Education
Faculty Sponsor: Dr. Kevin Hsieh

The Tree Line
Riley McBride | Photography Faculty
Sponsor: Dr. Jill Frank

Unearth
Tyler Brantley | Photography Faculty
Sponsor: Dr. Jill Frank

Wardrobe
Jay Haden | Textiles
Faculty Sponsor: Dr. Jessica Jones

Women’s PTSD Therapeutic Center
Karhtat Wallace | Interior Design
Faculty Sponsor: Dr. Ryan Crooks
**Film Presentations**

**Breathe**  
Jack Hettinger | Film & Media  
Faculty Sponsor: Dr. Robbie Land

**Light, Life and Death**  
Paul Bourlet & Edmond Souter | Film & Media  
Faculty Sponsor: Dr. Robbie Land  
Live Session: April 14, 4:00p.m. - 5:00 p.m.

**Park Mobility Project**  
James Ly & Carden Wycoff | Film & Media  
Faculty Sponsor: Dr. Niklas Vollmer

**Musical Performance**

**Gray Matter**  
Anna Spiller | Music Composition  
Faculty Sponsor: Sarah Ambrose  
Live Session: April 14, 10:30a.m. - 11:00 a.m
Morning Session A: 9 a.m. - 10 a.m.

'Off the Pigs'?: The Black Panther Party and Masculinity
Chandani Desai | Room 1
Faculty Sponsor: Dr. Joe Perry

Two Accounts of Necessary Violence: Comparing Kling and Mitchell’s “Communicative Requirement” and Pasternak’s “Only Means Available”
Davis Homrich | Room 1
Faculty Sponsor: Dr. Andrew I. Cohen

In Relative Opacity: A Critical Review of the Humanist Philosophy of Frantz Fanon
Trevor Kosloski | Room 1
Faculty Sponsor: Dr. Ryan Carlin

Attitudes Toward and Willingness to Use Internet-Based Cognitive Behavioral Therapy During the COVID-19 Pandemic
Praful Gade, Maria Peraltilla, Sarah Jamal | Room 2
Faculty Sponsor: Dr. Page Anderson

Examination of Reversal Learning Behavior and Proteostasis in Activity-Regulated Cytoskeleton-Associated Protein Knock-In (ArcKR) Aged Mice
Nitheyaa Shree, Dina Yakout, Angela Mabb | Room 2
Faculty Sponsor: Dr. Angela Mabb

The Effects of Probiotics on Locomotor Activity in Rodent Models of Addiction
Emem Ukpong | Room 2
Faculty Sponsor: Dr. Kyle Frantz

A Case Study on Artist-Level Jazz Improvisation Practice
Charlotte Dennison | Room 3
Faculty Sponsor: Dr. Martin Norgaard

Hacking Pinyin: How to Learn Mandarin Chinese Faster, Better, and Smarter
Ebi Poweigha | Room 3
Faculty Sponsor: Dr. Shuai  Li
Morning Session B: 11 a.m. - 12 p.m.

Stigmatization Hidden in Patriotic Discourses Promoting Assimilation: The Islamophobic Political Narrative of France and The United States
Mariama Campbell | Room 1
Faculty Sponsor: Dr. Carrie Manning

The Unrelated Correlation Between Catharism and Kabbalism in Medieval Europe From 1100-1300
Carlos Cosby | Room 1
Faculty Sponsor: Dr. Rachel Ernst

Maritime Piracy in the South China Sea
Kenny Jean-Baptiste | Room 1
Faculty Sponsor: Dr. Ghulam Nadri

Reimagining Crisis as a Transformation of Contemporary Realities: A Focus on Southern Europe
Sarah Mendes | Room 1
Faculty Sponsor: Kathryn Kozaitis

Gris-Gris and Ghosts: Trauma and Spirituality in Sing, Unburied, Sing
Catherine Dalton | Room 2
Faculty Sponsor: Dr. Jay Rajiva

Prosody and Cultural Style in Ricardian Verse
Benjamin Dollar | Room 2
Faculty Sponsor: Dr. Scott Lightsey

A Surrogate Scoundrel: Perversion by Proxy
Amy Sims | Room 2
Faculty Sponsor: Dr. Leeanne Richardson
Afternoon Session A: 1 p.m. - 2 p.m.

A Miniature-Scale Autonomous Robotic Car That Equips Visible Light Communication
Jarred Cain, Kehinde Adedara | Room 1
Faculty Sponsor: Dr. Ashwin Ashok

Using Hand Gesture Recognition To Control Mouse Movement On A Jetson TX2
Varun Joshi | Room 1
Faculty Sponsor: Dr. Jonathan Ji

A GPU-Based Testbed for Underwater Visual Light Communication Experiments
Shardul Vaidya, Tony Luu, Razat Sutradhar | Room 1
Faculty Sponsor: Dr. Ashwin Ashok

On the Ethics of Removing Confederate Monuments
Chandani Desai | Room 2
Faculty Sponsor: Dr. Andrew I. Cohen

Decolonizing Paleontological Discourse
Leonardo Maduro-Salvarrey | Room 2
Faculty Sponsor: Dr. Christy Visaggi

Napoleon Bonaparte in Timberlands: Comparing the Portraits by Jacques-Louis David and Kehinde Wiley
Sabrina Sisco | Room 2
Faculty Sponsor: Dr. Kimberly Cleveland
Afternoon Session B: 3 p.m. - 4 p.m.

Polyphenolic and Flavonoid Content, Antioxidant and Radical Scavenging Capacity of Widely Consumed Berries
Emily Carmichael, Rami Najjar, Maureen Meister, Rafaela Feresin | Room 1
Faculty Sponsor: Dr. Rafaela Feresin

Improving de-novo Protein Design With Machine Learning: trRosetta for Foldit Players
Susan Kleinfelter | Room 1
Faculty Sponsor: Dr. Jenny Yang

Fibroblast Growth Factor 21 (FGF21) as a Treatment for Alzheimer's Disease
Drashti Zalavadia, Haeun Jin | Room 1
Faculty Sponsor: Dr. Huanbiao Mo

The Inseparability of Butch/Femme Identity from the Erotic and the Political
Ella Bardin | Room 2
Faculty Sponsor: Dr. Julie Kubala

Early Women Aviation and The Cultural Debris of Plane Crashes
Maria-Paula Ramirez | Room 2
Faculty Sponsor: Dr. Randy Malamud

Masculine Erotics: Fantasy Creation and Embodied Masculinity
Zoe Webb | Room 2
Faculty Sponsor: Dr. Juliana Kubala

A Dreamer's Fight: Finding Stability and Pleasure for Queer Black Femmes in Leftist Organizations
Victoria Young | Room 2
Faculty Sponsor: Dr. Faidra Papavasiliou
Morning Session 10 a.m. - 11 a.m.

Achieving Production of Designed MRI Protein Contrast Agents for SARS-CoV-2 Imaging  
Ballanah Torbett  
Faculty Sponsor: Dr. Jenny Yang

Anti-Microbial Ecology and Effects of Black Seed Oil on Bacteria  
Angela Adjei  
Faculty Sponsor: Dr. Samantha Parks

Bias in AI Programs  
Eyal Zerzion  
Faculty Sponsor: Dr. Neeley Gossett

Calculated Infrared Spectra of Flavin  
Lauren Becker  
Faculty Sponsor: Dr. Gary Hastings

Delay Discounting and Neurobehavioral Trait Dimensions as Predictors of Externalizing Psychopathology in Children  
Hanna Osborne, Isabella Palumbo  
Faculty Sponsor: Dr. Robert Latzman

Dialog Flow Bot for Honors College  
Jiansong Huang  
Faculty Sponsor: Ashwin Ashok

Evaluation of Polyphenolic and Glucosinolate Content as well as Antioxidant and Free Radical Scavenging Activity of Oven- and Freeze-dried Hydroponic- and Soil-grown Kale-derived Extracts.  
Alivia Setka, Rami Najjar, Maureen Meister, Rafaela Feresin  
Faculty Sponsor: Dr. Rafaela Feresin
Exploring the Contribution of Callous-Unemotional Trait Dimensions and Parental Involvement to Adolescent Depressive Symptoms
Rachel Davis
Faculty Sponsor: Dr. Robert Latzman

Family Resemblance Category Learning in Children With and Without Autism Spectrum Disorder: The Effects of Feedback and Order of Typicality
Giselle Gomez-Duque, Kay Lane
Faculty Sponsor: Dr. David Smith

Honeymoon for Biden: Sure Bet “or” Against All Odds?
Anthony Mack, Shakira Posely, Charleslyn Roques, Ira Livnat, Ure Ukiwe, Diego Luque
Faculty Sponsor: Ryan Carlin

Identification of Tannase Hydrolase Genes and Mechanism of Hydrolysable Tannin Degradation
YiLe Yu, Maho Obunai, Caroline Taylor
Faculty Sponsor: Dr. Samantha Parks

Incidence and Diagnoses of Insomnia and Obstructive Sleep Apnea in Military Personnel
Javier Palacios, Brian Moore
Faculty Sponsor: Dr. Brian Moore

The Influence of Perspective on Effective Eyewitness Recollection
Paola Berrios, Typhanie Hall, Beth Stevens, Ashley Meacham, Megan Capodanno, Heather Offutt
Faculty Sponsor: Dr. Heather Offutt

Investigating Model Fit of Factors of Eating Pathology within Hierarchical Models of Psychopathology in Adolescents
Jody Finch, Isabella Palumbo, Robert Latzman
Faculty Sponsor: Dr. Robert Latzman

Post-stroke depression in Persons with Aphasia Survey
ShaMiyah Chambliss
Faculty Sponsor: Dr. Jacqueline Laures-Gore
Prevalence of Languages on the Instagram Accounts of Language Learning Apps
Tucker Hardin
Faculty Sponsor: Dr. Rasha Ramzy

Raspberry Consumption Decreases the Expression of Interleukin-6 in the Liver of Angiotensin II-infused Rats.
Justina Kim, Nancy Su, Page Anderson
Faculty Sponsor: Dr. Rafaela Fererin

The Relationship Between Cognitive Flexibility and Lineup Identification
Kristine Duncan, Alexa Lisenba, Megan Capodanno
Faculty Sponsor: Dr. Heather Offutt

Study of Near Infrared DNA Damage and Photo-cytotoxicity by a Brominated 4-quinolinium Dicarbocyanine Dye (ESS-2-4)
Yewouemoe Lynda Waku Kouomou
Faculty Sponsor: Dr. Kathryn Grant

Using Data Mining Techniques to Identify Barriers to Mental Health Interventions
Ryan Garland
Faculty Sponsor: Dr. Yanqing Zhang
Afternoon Session 2 p.m. - 3 p.m.

The Antirevolutionary Feminism in Louisa May Alcott’s *Little Women*
Emilee Spence
Faculty Sponsor: Dr. Leanne Richardson

Children’s Exploration at the Museum
Alexander Meletios, Jada Johnson, Katie Brown, JoAna Martin, Rihana Mason
Faculty Sponsor: Dr. Gary Bingham

Consolation Behavior and Endocrine Synchronization in Mated Convict Cichlids
Asila Abdul-Haqq, Tahj Boyce, Ashley Simbafo, Iman Fakhoury, Kiedon Bryant
Faculty Sponsor: Dr. Edmund Rodgers

Devaki Carpenter, Dianne Wisham, Markie Adamczyk, Barbara Church, J. David Smith
Faculty Sponsor: Dr. J. David Smith

Erasing the Stigma Against Mental Wellness in the LGBTQ Community
Hermala Hailegabriel
Faculty Sponsor: Dr. Carlos Pavao

Euclidean Rhythms and Rhythmic Oddity Property: A Mathematical Approach to Rhythmic Analysis
Albert Wilson
Faculty Sponsor: Dr. Mariana Montiel

Examining Diet and Nutrition Narratives Amongst Older Black Lesbians in Georgia
Emerald Gibbs, Terri Lewinson, Kellie Mayfield, Mary Anne Adams, Tonia Poteat
Faculty Sponsor: Dr. Kellie Mayfield

Fibroblast Growth Factor Signaling During Development of the Forebrain Influences Monogamy
Haritha Dhamodharan, Daniel Nieto, Hannah Alexander
Faculty Sponsor: Dr. Jonathan Sylvester
Homelessness in America & Housing First Policies
Haylea Flowers-Dixon
Faculty Sponsor: Dr. Neeley Gossett

How Transcription Factors Dlx2 and Ascl1 Associated with Embryonic Development may Contribute to Monogamous Behavior in Convict Cichlids
Amina Kadric
Faculty Sponsor: Dr. Jonathan Sylvester

Literature Search and Comparison of Extraction and Characterization of Essential Oils
Armeer Husein, Isaac Smith, Alexander Cruz, Nilmi Fernando
Faculty Sponsor: Dr. Nilmi Fernando

Mental Health and Behavioral Risk Factors Among Homeless Youth Who Have an Experience of Parental Divorce or Separation
Lucy Johnson
Faculty Sponsor: Dr. Nicholas Forge

Measuring Fractional Momentum Loss, Sloss, in Different Rapidity Ranges in Pb+Pb Collisions
Dading Chen
Faculty Sponsor: Dr. Megan Connors

Nitrite and Heme Proteins
Laren Ekeleme, Dabney Dixon
Faculty Sponsor: Dr. Dabney Dixon

Performance Characterization Studies of sPHENIX Hadronic Calorimeter Scintillating Tiles
Heleen Amedi, Jacob Tutterow
Faculty Sponsor: Dr. Megan Connors

Personality Types and Stress Reactivity
Adi Mehtani, Roya Nabavi, Ryed Shakeel, Jasmine Atri
Faculty Sponsor: Dr. Edmund Rodgers
The Role of Mindfulness and Distress Tolerance on Post Traumatic Growth in Heavy Drinking College Women with Sexual Assault Histories
Rorah Ndungu, Anna Peddle, Brennah Ross, Cynthia Stappenbeck
Faculty Sponsor: Dr. Cynthia Stappenbeck

The Role of Wnt/B-catenin Pathway on Dopaminergic Neuron Development and Serial Monogamy
Sierra McIntosh, Bryana Hayden, Chandler Yats
Faculty Sponsor: Dr. Jonathan Sylvester

Source Memory – Comparing Cognitive vs. Behavioral Measures
Jasmine Jimenez, Khushi Shah
Faculty Sponsor: Dr. Heather Offutt
Morning Session A: 9 a.m. - 10 a.m.

Rebuilding the Coral Reefs Through Synthetic Biology: A Review of Current Methods and Future Implications
Chiara Brust, Yilin Lu, Asma Khimani | Room 1
Faculty Sponsor: Dr. Matthew Brewer

Temperature Trials on *Crithidia fasciculata*
Allen Dasari, Muhammad Khan | Room 1
Faculty Sponsor: Dr. Paul Ulrich

Determining Ideal Conditions for Causing and Observing Effects of Hypoxia in *Crithidia fasciculata*
Aharon Eidex, Ruby Jacobs | Room 1
Faculty Sponsor: Dr. Paul Ulrich

Inducing Cell Death on *Crithidia fasciculata* Using Short Wavelength UV light
Merna Ibrahim | Room 1
Faculty Sponsor: Dr. Paul Ulrich

Media Coverage of Undocumented Latino Immigrants: Effects on Immigration Policy and Attitudes in Relation to Undocumented Youth
Stefany Alvarado | Room 2
Faculty Sponsor: Dr. Ann Williams

"Stop the Sexists!"
Bradon Cobb | Room 2
Faculty Sponsor: Dr. Matthew Gayman

The Capitalist Pit and Its Pendulum
Maseo Jones | Room 2
Faculty Sponsor: Dr. Leeanne Richardson

Initial Value Assessment: Advanced Micro Devices *Accompanying financial model can be found [here](#)*
Uy Nguyen, Daniel Ethridge | Room 2
Faculty Sponsor: Dr. Craig Ruff
Morning Session B: 11 a.m. - 12 p.m.

Off To A Bad Start: The Diversity Debacle of Early American Literature  
Belinda Dapreis | Room 1  
Faculty Sponsors: Dr. Anthony Serpico & Susan Ehtesham-Zadeh

Get Your Head Out of the Clouds!: Exploring the Legitimacy of Utopia in Black Speculative Fiction  
Daria Dozier | Room 1  
Faculty Sponsor: Dr. Héctor Fernández L’Hoeste

Diversifying the American Canon: Protest literature in Latinx and Chicanx Communities  
Paola Hernandez | Room 1  
Faculty Sponsor: Dr. Jay Rajiva

Ishiguro’s Metaphor of the Butler and Understanding Brexit  
Fletcher Varnson | Room 1  
Faculty Sponsor: Dr. Randy Malamud

3D Location Estimation from Stereo-Camera Underwater Images  
Melanie Gipson | Room 2  
Faculty Sponsor: Dr. Ashwin Ashok

How COVID-19 has Changed the Products on Dark Web Markets  
Jonathan Laurent | Room 2  
Faculty Sponsor: Dr. Marie Ouellet

The Artificial Wide Receiver: An Exploration in the Future of Athletic Training  
Bronson Tharpe | Room 2  
Faculty Sponsor: Dr. Anu Bourgeois

How We Can Revolutionize the Way Young Adults Make Meaningful Connections and Seek Help  
Harshita Yepuri | Room 2  
Faculty Sponsor: Dr. Musaddeq Khan
Afternoon Session A: 1 p.m. - 2 p.m.

Impacts of Beaver Dam Analogs on Total Suspended Solids in a Highly Incised Urban Stream Channel
Donata Borsos | Room 1
Faculty Sponsor: Dr. Sarah Ledford

Syn-biodinium: Genetic Modification Utilizing Codon Optimized Vector for the Symbiotic S. microadriaticum
Kennex Lam, Jimena Castillo, Malik Gitau, Devadutta Balaji, Wanjun Luo, Jessica Dee | Room 1
Faculty Sponsor: Dr. Matthew Brewer

Starvation-Induced Cell Death in Trypanosomatids
Sabria Lataillade, Eddie Yang | Room 1
Faculty Sponsor: Dr. Paul Ulrich

Impact of Psyllium Fiber on Murine Microbiota ex vivo
Larissa Neves, Alexis Bretin, Andrew Gewirtz | Room 1
Faculty Sponsor: Dr. Andrew Gewirtz

I Don’t (Want To) See Race: Ambiguous Aspirations and Racialized Realities
Victoria Folayan | Room 2
Faculty Sponsor: Dr. Chamara Kwakye

Rap Music as Therapy for Victims of the Prison Industrial Complex
Daniella Johnson | Room 2
Faculty Sponsor: Dr. Lakeyta Bonnette-Bailey

Dog Whistles and Dissonance: Contrasting Narratives of Black Kinship Versus the Black Family Structure
Safiya Miller | Room 2
Faculty Sponsor: Dr. Elizbeth West
Afternoon Session B: 3 p.m. - 4 p.m.

“Who You Callin’ Respectable?” Applications of Respectability Politics and Anti-Respectability to Black American Girls
A’zure Latimer | Room 1
Faculty Sponsor: Dr. Clara Glover

The Auditory Consonant Trigrams (ACT) Test As A Measure of Working Memory and Its Relationship with Reading and Language Skills
Savitha Narayanaswamy, Stephanie Steinberg, Tricia King | Room 1
Faculty Sponsor: Dr. Tricia King

White Matter Integrity Associated with Empathy: A DTI-based Study
Neami Tedla | Room 1
Faculty Sponsor: Dr. Tricia King

Religion at the Crossroads
Paige Dunnaway | Room 2
Faculty Sponsor: Dr. R.C. Rodman

The Abyss - Black Emptiness and the Stories of Black Queer People in Buddhist Communities
Toni Moore, Toby-Ann Hemmings, Hyun Joo An | Room 2
Faculty Sponsor: Dr. R.C. Rodman

The Role of Judeo-Christian Values on Environmental Behaviors in the United States
Alice Riviere | Room 2
Faculty Sponsor: Dr. Molly Bassett
**Morning Session 10 a.m.-11 a.m.**

**Addressing Educational Inequities Through Corporate Philanthropy**
Victoria Pommells, Maria Gregg, Nneoma Emeka
Faculty Sponsor: Dr. Steven Dionne

**Artificial Intelligence Literacy**
Jordan Guffie, Maria Paula Lengua Espejo, Robin Morris
Faculty Sponsor: Dr. Robin Morris

**Assessing Stigma and Misfit to Needs as Perceived Barriers to Psychological Treatment among Religious and Non-Religious Groups**
Heather Patton, Mychaela Brown, Donovan Ellis, Page Anderson
Faculty Sponsor: Dr. Page Anderson

**The Big Five Personality Trait Inventory and Perception of Criminality and Trustworthiness in Computer-Generated Funk Faces**
Jordan Davis, Alexis D. Strawn, Kyle Walker
Faculty Sponsor: Dr. Heather Offutt

**Children who Perceive Greater Parental Sadness and Anger are More Depressed**
Diana Beaubrun, Ashley Hunter, Lexi Smith, Erin McDonald
Faculty Sponsor: Dr. Erin Tully

**The Climatic Effects on Neanderthal Diets**
Gwen Cisco
Faculty Sponsor: Dr. Frank Williams

**Comparing Dietary Proclivities in Pleistocene Fossil Primates from Swartkrans Cave, South Africa Using Dental Microwear**
Amanda Pregibon
Faculty Sponsor: Dr. Frank Williams

**Developing Technology on Globalization**
Isaiah Riddle
Faculty Sponsor: Mr. Barry Wood
The Energy Budget Rule: Preliminary Results in Capuchin Monkeys
Sarah Santiago, Kelly Leverett, Stella Mayerhoff, Sarah Brosnan
Faculty Sponsor: Dr. Sarah Brosnan

Exploring Rumination in College Student Writing Samples
Daniella Akinwande, Melany Love, Erin Tone, David Washburn
Faculty Sponsor: Dr. Erin Tone

Individual Differences in Executive Attention: Task Performance vs. Self-Report
Anna Serrate
Faculty Sponsor: Dr. David Washburn

Investigating the Role of Dlx5 and Foxg1 in the Neural Development of a Monogamous Species
Lauren Daitch, Owen Cooper, Justin Price, Mohammed Azeez
Faculty Sponsor: Dr. Jonathan Sylvester

Monkey Math: Discrimination of Proportions by Capuchin and Rhesus Monkeys
Myah Vogt
Faculty Sponsor: Dr. Michael Beran

Kindergarten Student’s Exploration of Storybooks with a Social Robot as Peer-Tutor: A Pilot Study
Maria Paula Lengua Espejo, Lynda Osborne, Xiajie Zhang, Hae Won Park, Robin Morris
Faculty Sponsor: Dr. Robin Morris

Negative Attributional Style and Depression in Black and White Children
Constance Wilson, Arden Cooper
Faculty Sponsor: Dr. Erin Tully

Open-Source Classification of Social Approach in Mice: Preliminary Data
Adam Zbib, Nicole Rigney
Faculty Sponsor: Dr. Aras Petrulis
The PP2A Serine/Threonine Phosphatase Complex Functions In Regulating Dendritic Morphology
Anukruthi Venukadasula, Shatabdi Bhattacharjee
Faculty Sponsor: Dr. Daniel Cox

Reimagining Post Classic Teotihuacan Ceramics Through a Digital Lens
Julisa Rojas
Faculty Sponsor: Dr. Jeffrey Glover

Three’s a Crowd: The Impact of the Morphogen SHH on Influencing Genetic Monogamy in Convict Cichlids
Chidera Orabueze, Scarlett Cong, Houmam Qassab
Faculty Sponsor: Dr. Jonathan Sylvester

Understanding Fatherhood in Kenyan Context
Sangha Park, Olivia Hucks, Martha Ishiekwene
Faculty Sponsor: Dr. Lisa Armistead
Afternoon Session 2 p.m. - 3 p.m.

The Aftermath: Human Sex Trafficking
Thandiwe Bobb, Sohan Dongol, Keiva Cheney
Faculty Sponsor: Dr. Carlos Pavao

Alcohol-Conditioned Place Preference in Male and Female Rats Exposed to Perigestational Morphine
Malika Pandit, Chris Searles, Hannah Harder, Anne Murphy
Faculty Sponsor: Dr. Anne Murphy

Aqueous Film Forming Foam Impact on Per- and Polyfluoroalkyl Substances on Soil Contamination: A Case Study of Select US Military Bases
Gabrial Goldner, Brandy Lipps
Faculty Sponsor: Dr. Nadine Kabengi

Colonial Perceptions of Rwanda
Chinkuli Munkombwe, Dylan Henderson, Devyn Hidalgo, Nyah Carlson
Faculty Sponsor: Dr. Jennie Burnet

Comparing Biodiversity of Land Snails and Slugs Across Cities in Georgia
Megan Rich, Christy Visaggi, Susan Smith, Jann Vendetti
Faculty Sponsor: Dr. Christy Visaggi

Cortisol Coregulation in the Monogamous Convict Cichlid, Amatitlania nigrofasciata
Nafisa Nawal, Cassidy Hua, Madison Tritt, Jordan Ellison
Faculty Sponsor: Dr. Edmund Rodgers

COVID-19 and Caregivers in the Money Follows the Person (MFP) Population
Lauren Newhourse, Chetna Batra
Faculty Sponsor: Dr. Kristi Fuller

Crystallization of a Noble Metal Nanocluster Ligand
Cadasia Shields, Michael Messinger
Faculty Sponsor: Dr. Bin Xu
Does the Public Rally Behind Leaders Who Get COVID-19?
Diego Luque, Trevor Kosloski, Ure Ukiwe, Charleslyn Roques, Shakira Posley,
Faculty Sponsor: Dr. Ryan Carlin

Engagement Programming in Assisted Living Communities: Opportunities for Residents with Dementia
Jasmine Sease
Faculty Sponsor: Dr. Candace Kemp

Exploring Collaborative Strategies to Improve Communication Between Undergraduate Students and Their Non-native English-Speaking Instructors
Kobe Ashley, Sarah Pinard
Faculty Sponsor: Dr. Stephanie Lindemann

Identification of Putative NADP-Dependent Oxidoreductase Gene curA in Diverse Environmental Bacteria Isolated from Winogradsky Columns Challenged with Turmeric and Ginger
Caroline Taylor
Faculty Sponsor: Dr. Samantha Parks

Intracellular Calcium Transport Regulated by the Mitochondrial Calcium Uniporter in Crithidia fasciculata
Camila Gomez
Faculty Sponsor: Dr. Paul Ulrich

Microbial Metabolism of Caffeic Acid Analysis
Ezgi Sen, Aida Abbasova, Hyun Chong
Faculty Sponsor: Dr. Samantha Parks

Oxidative Stress-Induced Cell Death in Crithidia fasciculata
Charifa Abdrahmane Sidi, Kyle Barry
Faculty Sponsor: Dr. Paul Ulrich
Role of the Interaction of Ionic Currents with Na/K pump in Neuromodulation of Bursting Activity
Samuel Core, Faros Mahayni, Rainer Pacheco, Ricardo Erazo Toscano, Gennady Cymbalyuk
Faculty Sponsor: Dr. Gennady Cymbalyuk

Signaling via IL-36R in CD4+ T Cells Induces Fas-mediated Killing of IECs
Hadiya Haq
Faculty Sponsor: Dr. Timothy Denning

Urban Renewal and Racial Discrimination: A Look at Issues that Have Arisen Surrounding the Community of the African American Population in Georgia
Margaret Olawoyin
Faculty Sponsor: Dr. Carlos Pavao

Which members of the LGBTQ+ community are most likely to have children?
Bella Norris-Rocaberte
Faculty Sponsor: Dr. Eric Wright