# Wednesday Presentation Schedule

**February 22, 2023**

<table>
<thead>
<tr>
<th>Session</th>
<th>Discipline</th>
<th>Location</th>
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<tbody>
<tr>
<td># 1</td>
<td>Physical and Mathematical Sciences Graduate Oral</td>
<td>LSU 324</td>
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<tr>
<td># 2</td>
<td>Behavioral and Social Sciences Undergraduate Oral</td>
<td>LSU 326</td>
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<tr>
<td># 3</td>
<td>Physical and Biological Sciences Graduate Poster</td>
<td>LSU Ballroom A &amp; B</td>
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<tr>
<td># 4</td>
<td>Behavioral &amp; Social Sciences, &amp; Business Graduate Oral</td>
<td>LSU Ballroom C</td>
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<tr>
<td># 5</td>
<td>The Legacies of the Japanese Empire Undergraduate Symposium</td>
<td>LSU 324</td>
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<tr>
<td># 6</td>
<td>Behavioral &amp; Social Sciences, Humanities, &amp; Education Undergraduate Poster</td>
<td>LSU Ballroom A &amp; B</td>
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<tr>
<td># 7</td>
<td>IRB Drop-in Information Session for Students and Research Mentors</td>
<td>LSU 326</td>
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<tr>
<td># 8</td>
<td>Education and Humanities Graduate Oral</td>
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<tr>
<td># 9</td>
<td>Biological and Health Sciences Undergraduate Oral</td>
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<tr>
<td># 10</td>
<td>Biological Sciences I Undergraduate Poster</td>
<td>LSU Ballroom A &amp; B</td>
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<tr>
<td># 11</td>
<td>Behavioral &amp; Computer Science, &amp; Business ONLINE Undergraduate Oral Zoom Registration Link</td>
<td>LSU 326 (Livestream)</td>
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<tr>
<td># 12</td>
<td>Business, Education, Humanities, &amp; Health Science Developmental Poster Session I</td>
<td>LSU Ballroom A &amp; B</td>
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<tr>
<td># 13</td>
<td>Health, Nutrition, and Clinical Science I Graduate Oral</td>
<td>LSU Ballroom C</td>
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<tr>
<td># 14</td>
<td>Physical, Mathematical, and Biological Sciences Graduate Oral</td>
<td>LSU 324</td>
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<tr>
<td># 15</td>
<td>Behavioral &amp; Social Sciences, and Education Graduate Poster</td>
<td>LSU Ballroom A &amp; B</td>
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<tr>
<td># 16</td>
<td>P² Lab: Positive Perspectives in Research Developmental Session</td>
<td>LSU 326</td>
</tr>
<tr>
<td># 17</td>
<td>Undergraduate Roundtable I</td>
<td>LSU 322</td>
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# Thursday Presentation Schedule

**February 23, 2023**

<table>
<thead>
<tr>
<th>Session</th>
<th>Discipline</th>
<th>Location</th>
</tr>
</thead>
</table>
| # 17    | Physical and Mathematical Sciences  
Undergraduate Oral | LSU 326  
9:00 – 10:30 a.m. |
| # 18    | Biological Sciences II  
Undergraduate Poster | LSU Ballroom A & B  
9:00 – 10:30 a.m. |
| # 19    | Health Sciences, Business, and Education  
ONLINE Graduate Oral  
Zoom Registration Link | LSU 324 (Livestream)  
9:00 – 10:30 a.m. |
| # 20    | Health, Nutrition, and Clinical Science II  
Graduate Oral | LSU Ballroom C  
1:00 – 2:30 p.m. |
| # 21    | Health, Nutrition, and Clinical Science  
Undergraduate Poster | LSU Ballroom A & B  
1:00 – 2:30 p.m. |
| # 22    | Marine Natural Products: Medicines from the Sea  
Undergraduate Symposium | LSU 324  
1:00 – 2:30 p.m. |
| # 23    | Behavioral, Social, and Health Sciences  
Undergraduate Poster | LSU Ballroom A & B  
2:45 – 4:15 p.m. |
| # 24    | Physical, Mathematical, and Computer Sciences  
Undergraduate Poster | LSU Ballroom A & B  
5:30 – 7:00 p.m. |
| # 25    | Behavioral and Social Sciences  
Developmental Poster | LSU Ballroom A&B  
5:30 – 7:00 p.m. |
| # 26    | Health, Nutrition, and Clinical Science III  
Graduate Oral | LSU Ballroom C  
5:30 – 7:00 p.m. |
| # 27    | Behavioral Sciences, Arts, & Business  
Undergraduate Oral | LSU 326  
5:30 – 7:00 p.m. |
| # 28    | Education and Computer Science  
Developmental Oral | LSU 324  
5:30 – 7:00 p.m. |
| # 29    | Graduate Roundtable | LSU 322  
5:30 – 7:00 p.m. |
## Friday Presentation Schedule

**February 24, 2023**

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<th>Session</th>
<th>Discipline</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td># 30</td>
<td>Health, Nutrition, and Clinical Science Graduate Poster</td>
<td>LSU Ballroom A &amp; B 9:00 – 10:30 a.m.</td>
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<tr>
<td># 31</td>
<td>Behavioral and Social Sciences Graduate Oral</td>
<td>LSU 324 9:00 – 10:30 a.m.</td>
</tr>
<tr>
<td># 32</td>
<td>Arts and Humanities Undergraduate Oral</td>
<td>LSU 326 9:00 – 10:30 a.m.</td>
</tr>
<tr>
<td># 33</td>
<td>Undergraduate Roundtable II</td>
<td>LSU 322 9:00 – 10:30 a.m.</td>
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</tbody>
</table>

**Research Mentor Panel II** – Research mentors will discuss their research experiences and share advice. 
Zoom Registration Link: LSU Ballroom C (Livestream) 11:00 a.m. – 12:00 p.m.

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**Please note the following sessions that will be offered in addition to the Student Presentation Sessions:**

<table>
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<tr>
<th>Session</th>
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<tbody>
<tr>
<td></td>
<td>IRB Drop-in Information Session for Students and Research Mentors</td>
<td>LSU 326 12:00 – 12:50 p.m.</td>
</tr>
<tr>
<td></td>
<td>Research Mentor Panel I – Research mentors will discuss their research experiences and share advice.</td>
<td>LSU Ballroom C 11:30 a.m. – 12:30 p.m.</td>
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<tr>
<td></td>
<td>Research Mentor Panel II – Research mentors will discuss their research experiences and share advice. Zoom Registration Link</td>
<td>LSU Ballroom C (Livestream) 11:00 a.m. – 12:00 p.m.</td>
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WEDNESDAY, FEBRUARY 22

#1 Physical and Mathematical Sciences Grad Oral
February 22 — LSU 324
Morning Session: 9:00 – 10:30 a.m.

9:00 – 9:10 a.m.  Kimberly Campos
Assessing Air Pollution Exposure of Historically Marginalized Communities in South Los Angeles Through a Bicycle Mobile Monitoring Campaign
Research Mentor: Tianjun Lu (Earth Science)

9:15 – 9:25 a.m.  David Saldana
Dendrochronological Investigations Utilizing Jeffrey Pine in the San Jacinto Mountains
Research Mentors: Justin Valliere (Biology), Parveen Chhetri (Earth Science)

9:30 – 9:40 a.m.  Azure Fisher
The Environmental and Geospatial Injustice of Freight Truck-Related Pollutants in South Los Angeles County
Research Mentor: Tianjun Lu (Earth Science)

9:45 – 9:55 a.m.  Elizabeth Hernandez, Michael Wood, Christopher Rojas, and Joanna Campos
CSUDH’s Zero Waste Efforts and Capabilities
Research Mentor: Parveen Chhetri (Earth Science)

#2 Behavioral and Social Sciences Undergraduate Oral
February 22 — LSU 326
Morning Session: 9:00 – 10:30 a.m.

9:00 – 9:10 a.m.  La Porsche Jackson
1992 Rodney King Riots vs. 2020 George Floyd
Research Mentor: Karen Bowdre (Interdisciplinary Studies)

9:15 – 9:25 a.m.  Juana Hernandez Jaime
Analyzing the Impact of Social Networks on Alcohol Recovery Identity
Research Mentor: Kevin Montes (Psychology)

9:30 – 9:40 a.m.  Ellie Zelaya
Over Tourism and Under Tourism: How Social Media Affects Where We Travel
Research Mentor: Sarah Taylor (Anthropology)

9:45 – 9:55 a.m.  Josahandi Cisneros
Higher Education and the Automation of Inequality
Research Mentor: Katy Pinto (Sociology)
#3 Physical and Biological Sciences Graduate Poster

**February 22 — LSU Ballroom A & B**

**Morning Session: 9:00 – 10:30 a.m.**

- **Paul Dinh**  
  *The Effects of Fragment Size and Temperature on Coral Calcification Rates*  
  Research Mentor: Charlene McCord (Biology)

- **Luis Lopez**  
  *Dietary Regulation of the Intracellular Pathogen Response in C. elegans*  
  Research Mentor: Eileen Tecle (Biology)

- **Madison Medhat**  
  *Stormwater Drains and Oil Storage on the CSUDH Campus*  
  Research Mentor: Parveen Chhetri (Earth Science)

- **Michael Wood, Elizabeth Hernandez, and Christopher Rojas**  
  *Zero Waste Compliance and Capabilities on the CSUDH Campus*  
  Research Mentors: Parveen Chhetri and Cheyenne Cummings (Earth Science)

- **Armando Garcia**  
  *Transportation Ecological Footprint Analysis of CSUDH*  
  Research Mentor: Parveen Chhetri (Earth Science)

#4 Behavioral & Social Sciences, and Business, Economics, and Public Administration Grad Oral

**February 22 — LSU Ballroom C**

**Morning Session: 10:45 a.m. – 12:15 p.m.**

- **10:45 – 10:55 a.m.** Fraissy Guijarro  
  *Policing Public Schools*  
  Research Mentor: Qiyuan Roger Jin (Public Administration)

- **11:00 – 11:10 a.m.** Caroline Cusolito, Laurel Brislin, Araz Espinoza, and Deniece Caraballo  
  *OT in the Trees: Perceptions of Outdoor OT*  
  Research Mentor: Sheryl Ryan (OT)

- **11:15 – 11:25 a.m.** Aina Ali, Paula Basto, Seth Almberg, and Iram Aziz  
  "A Powerful Form of Resistance": Mindfulness and Personal Relationships in the LGBTQ+ Population  
  Research Mentor: Sheryl Ryan (OT)

- **11:30 – 11:40 a.m.** Gautham Alampalli Amarnath  
  *First-generation college students and IT career: From the Career Anchor Perspective*  
  Research Mentor: Nancy Deng (Information Systems)

- **11:45 – 11:55 a.m.** Madeline McKinley, Sunny Kim, Noemi Magtoto, and Karen Lim  
  *Swiping Right on the Spectrum: The Form, Function, and Meaning of Online Dating for Autistic Women*  
  Research Mentor: Sheryl Ryan (OT)

- **12:00 – 12:15 p.m.** Gianna Martinez  
  *ADHD and Educational Support*  
  Research Mentor: Roger Qiyuan Jin (Public Administration)
#5 Symposium: The Legacies of the Japanese Empire

February 22 — LSU 324

Morning Session: 10:45 a.m. – 12:15 p.m.

Research Mentor: Kerry Shannon (History)

10:45 – 10:55 a.m. Priscilla Avitia
Japanese Women and their Roles in Shinto and Shrines in Post-World War II Japan

11:00 – 11:10 a.m. Francisco Sanchez
Pro Wrestling, Propaganda, and the Zainichi

11:15 – 11:25 a.m. Gabriela Isidro
Japanese in Mexico: A Misunderstood History

11:30 – 11:40 a.m. Sylvia Duvenary
Mobile Suit Gundam 0079 and Trauma

11:45 – 11:55 a.m. Carlos Heredia-Pantoja
Japanese Assimilation Methods in Education: Colonial Korea 1905-1945

#6 Behavioral & Social Sciences, Humanities, & Education Undergraduate Poster

February 22 — LSU Ballroom A & B

Morning Session: 10:45 a.m. – 12:15 p.m.

Kenneth Perez and Azure Fisher
Should State Land in Southern California be Allocated to Warehousing Goods or Housing People? Analyzing transportation, climate, and unintended consequences of supply chain solutions
Research Mentors: Jian-yu Fisher Ke (Information Systems), Tianjun Lu (Earth Science), Mahmoud Salari (Economics), & Fynnwin Prager (Public Administration)

Kenia Vidal, William Omenwu, & Stephanie Rauda
HIV-1 p17
Research Mentor: Kari Pederson (Chem & Biochem)

Alyssa Guerrero
Chinchorro Mummies: The Oldest Mummies in the World
Research Mentor: Jerry Moore (Anthropology)

Fredy Cruz Hernandez
The Future of the Los Angeles Metro Lines, and the Benefits to the Communities
Research Mentor: Parveen Chhetri (Earth Science)

Victoria Harris
Shakespeare’s Romeo & Juliet in connection with Women’s Domestic Art
Research Mentor: Kimberly Huth (English)

Yoana Esparza and Justin Sears
Journey Through Time in the South Bay: Analyzing the CSUDH Dominguez Rancho Archaeological Artifact Collection
Research Mentor: Ken Seligson (Anthropology)

Nazareo Gonzalez
Identification of Fungal Secondary Metabolites that Exhibit Antibiotic Activity Towards the Pathogen Pseudomonas aeruginosa
Research Mentor: Erin McCauley (Chem & Biochem)

Edlyn Pacheco
Using Computer coding to Create Dynamic Object for improve Physics learning In Virtual Reality
Faculty Advisor: Horace Crogman (Physics)
#7 Education and Humanities Grad Oral

**February 22 — LSU 324**

**Afternoon Session: 1:00 – 2:30 p.m.**

1:00 – 1:10 p.m. **Diane Dizon**  
*Exploring Student Veteran Intersectionality and its role in Belonging at 2- and 4-year Institutions*  
Research Mentor: Alfredo Gonzalez (Chicana and Chicano Studies)

1:15 – 1:25 p.m. **Siray Rodgers**  
*A Revitalized Approach to Building and Restoring Communities Across Neighborhoods in America Using Multicultural and Alliance Building Techniques for ‘Restorative Practices’*  
Research Mentor: Nancy Erbe (Negotiation)

1:30 – 1:40 p.m. **Megan Ravare**  
*Schools as Places of Possibility: Portraits of Black Women Educator-Activists*  
Research Mentors: Nallely Arteaga, Stephanie Cariaga, & Edward Curammeng (Education)

1:45 – 1:55 p.m. **Jessica Miller**  
*Ambient Rhetoric in Patricia Highsmith’s The Price of Salt: Places, Spaces, Food, and Sound*  
Research Mentors: David Sherman, Kimberly Huth, & Helen Oesterheld (English)

2:00 – 2:10 p.m. **Nate Hertweck**  
*Creative Meaning-(Re)Making & Antiracism in First-Year Composition*  
Research Mentor: Mara Lee Grayson (English)

#8 Biological and Health Sciences Undergrad Oral

**February 22 — LSU 326**

**Afternoon Session: 1:00 – 2:30 p.m.**

1:00 – 1:10 p.m. **Chandra Jones**  
*Black and Yellow: Corona Coloration in Encelia farinose*  
Research Mentor: Sonal Singhal (Biology)

1:15 – 1:25 p.m. **Daniel Apt, Michelle Mohr, Callum Lapper, and Muhammad Nabeel KhanQadri**  
*Ecological Impact of Trees on CSUDH Campus*  
Research Mentor: Parveen Chhetri (Earth Science)

1:30 – 1:40 p.m. **Joshua Quiran**  
*MIC Assessment of SFunga against Aspergillus strains using CLSI method*  
Research Mentors: Erin McCauley (Chem & Biochem), Ashraf Ibrahim, Teclegiorgis Gebremariam (UCLA)

1:45 – 1:55 p.m. **Aysa-Monae Collins**  
*The Impact of Maternal Pregnancy Complications and Prenatal Care on Infant Mortality*  
Research Mentor: Enrique Ortega (Health Science)
#9 Biological Sciences I Undergrad Poster

February 22 — LSU Ballroom A & B

Afternoon Session: 1:00 – 2:30 p.m.

Marco Castañeda Martinez, Carlos Zuniga, and David Saldana
*Investigating climate-growth relationships with Pinus jeffreyi in the San Jacinto mountains*
Research Mentors: Justin Valliere (Biology) and Parveen Chhetri (Earth Science)

Callum Lapper, Muhammad Nabeel KhanQadri, Daniel Apt, and Michelle Mohr
*Ecosystem Services Provided by Campus Trees*
Research Mentor: Parveen Chhetri

Ebonie Bennett
*Building a Large Library of Fungal Secondary Metabolites for Biological Assay Screening*
Research Mentor: Erin McCauley (Chem and Biochem)

Thazin Yee
*Effects of TGF-β signaling pathway on Intracellular Pathogen Response in C. elegans*
Research Mentor: Eileen Tecle

Kekoa Nelson
*The Negative Effects of Thermal Heat Stress on Plant’s Chlorophyll Production*
Research Mentor: Justin Valliere

Melissa Estrada
*Identification of Fungal Secondary Metabolites with Cytotoxic Activity*
Research Mentor: Erin McCauley (Chem and Biochem)

#10 ONLINE Behavioral & Computer Science, & Business

February 22 — Streamed Live in LSU 326 – [Zoom Link](#)

Afternoon Session: 2:45 – 4:15 p.m.

2:45 – 2:55 p.m.  Carlyn Tanner
*Training an AI to play Snake Game using Machine Learning and Pytorch*
Research Mentor: Bin Tang (Computer Science)

3:00 – 3:10 p.m.  Giovanni Rivera
*Nash Equilibria of Data Preservation in Base Station-less Sensor Networks*
Research Mentor: Bin Tang (Computer Science)

3:15 – 3:25 p.m.  Alexis Main
*Employment Lockup After Penal Lockup: The Opportunities Within Fair Chance Hiring in California*
Research Mentor: Thomas Norman (Management and Marketing)

3:45 – 3:55 p.m.  Jennifer Rebollo
*Health Disparities Among Pancreatic Cancer Patients*
Research Mentor: Ken Seligson (Anthropology)
#11 Business, Education, Humanities, & Health Science
Developmental Poster Session
February 22 — LSU Ballroom A & B
Evening Session: 2:45 – 4:15 p.m.

Savannah Gonzalez
Student Athletes and Career Development
Research Mentor: Margarita Landeros (Education)

Allison Ray, Korbin Kittelson, and Franco Martinez
Effect of Different Ankle Rigidity Levels on Agility
Research Mentors: Julie Werner (Occupational Therapy), and Jennifer Lučarević, and Mojtaba Kamyab (Orthotics and Prosthetics)

Melissa Campos, Jasmine Alonzo, and Katarina Torrez
The Role of Remote Versus in Person Learning on Academic Dishonesty
Research Mentor: Tatiana Basañez (Psychology)

John Geldbach
An Absence in the Historical Record: Jewish Artists in Europe from the Middle Ages to the Renaissance
Research Mentor: Kirstin Ellsworth (Art History)

Alina Morales
Influences in the Decision-Making Process of a Juror
Research Mentors: Sarah Britto and Saahir Shafi (Public Administration)

#12 Health, Nutrition, and Clinical Sciences Grad Oral I
February 22 — LSU Ballroom C
Evening Session: 6:45 – 8:15 p.m.

6:45 – 6:55 p.m. Jonathan Alcantara, Hara Calderon, Anthony Gonzalez, and Kyle Gusto
Autistic Adults and their Experience with Employment
Research Mentor: Sheryl Ryan (Occupational Therapy)

7:00 – 7:10 p.m. Ashley Cespedes, Abigail Hakimi, Ariana Castillo, and Beatriz Adanza
Through the Lens of Substance Users in Recovery: A Photovoice Study
Research Mentor: Sheryl Ryan (Occupational Therapy)

7:15 – 7:25 p.m. Rebekah Boning, Nicole Stephanie Pantaleon, Julie E Schustack, and Amber Schwartz
Behind the Mask: Impression Management in Women With ADHD
Research Mentor: Sheryl Ryan (Occupational Therapy)

7:30 – 7:40 p.m. Nichole Campbell and Nicholas Fernando
A Retrospective Lived Experience: Benefits of a Faculty-Student Research Mentorship from Graduate Nursing Students' Perspectives
Research Mentor: Sally Mahmoud (Nursing)

7:45 – 7:55 p.m. Makenna Lu, Michelle Joyce, Barbara Lopez
The impact of the post-professional occupational therapy doctorate (POTD) on the career trajectories of occupational therapists
Research Mentors: Sheryl Ryan and Claudia Peyton (Occupational Therapy)
#13 Physical, Mathematical, and Biological Sciences
Grad Oral
February 22 — LSU 324
Evening Session: 6:45 – 8:15 p.m.

6:45 – 6:55 p.m. Gabriel Angulo
Ponderosa Pine Regeneration Response to Climate and Geomorphic Influences, Prescott National Forest, Arizona
Research Mentor: Parveen Chhetri (Earth Science)

7:00 – 7:10 p.m. Michelle Mohr
Changes in recent summer temperatures are influencing the radial growth of Pinus ponderosa in Prescott National Forest, Arizona
Research Mentor: Parveen Chhetri (Earth Science)

7:15 – 7:25 p.m. Alexander Centner
Coffee Borer Beetle’s Habitat Expansion due to Climate Change
Research Mentor: Parveen Chhetri (Earth Science)

7:30 – 7:40 p.m. Jorge Hernandez, Ashley Wickerman, Albert Barrios, and Rajan Singh
Recruitment of Cytotoxic T Cells and Neutrophils Maintain Dormancy in MDA-MB-468 Triple Negative Xenografts
Research Mentor: Shehla Pervin (Biology)

#14 Behavioral & Social Sciences, and Education
Grad Poster
February 22 — LSU Ballroom A & B
Evening Session: 6:45 – 8:15 p.m.

Taylor Duffy, Denise Y. Aguiluz, Antonio Romero, and Yesenia Gonzalez
Gender, Disease-threat, and Self-efficacy as Predictors of Exercise Behaviors Among Diabetes At-risk Latinx College Students
Research Mentors: Silvia Santos and Maria Hurtado-Ortiz (Psychology)

Lauren Jensen, Zoe Allyson, Will Kellett, and Sara Merlock
Perception of Mobility Assistive Devices
Research Mentors: Julie Werner (Occupational Therapy), and Jennifer Lužarević, and Mojtaba Kamyab (Orthotics and Prosthetics)

Sheena Adolphus and Juana Hernandez-Jaime
Differences in the Use of Protective Behavioral Strategies Between Help Seekers and Non-Help Seekers Who Drink Heavily
Research Mentor: Kevin Montes (Psychology)

Jennifer Baker
Supporting Positive Mother-Infant Interactions among Adolescent and Young Adult Mothers
Research Mentor: Irene Tung

Harmony Gregorio, Gabriel Angulo, and Kahlil Scott-Moss
CSUDH Environmental Education Awareness
Research Mentor: Parveen Chhetri (Earth Science)

Kaitlyn Manoogian
Exercising for Your Brain: A Study on Exercise Intensity and Error Monitoring
Research Mentor: Kaylie Carbine (Psychology)

Alexander Camarillo, Stacy Zamora, Maria De La Torre
Promoting Minority Student Success in STEM through First-Year Seminar Experiences
Research Mentor: Philip Vieira (Psychology)
#15 P² Lab: Positive Perspectives in Research

Developmental Session

February 22 — LSU 326

Evening Session: 6:45 – 8:15 p.m.

Research Mentors: Erin Barrett, Steven Frieze, and Monique Turner (Psychology), and Joanna Perez (Sociology)

6:45 – 6:55 p.m. Jennifer Correa, Nasim Karimi, Christian Riley, Miguel Perez, Priscilla Arriaga, & Jesus Molina
  COVID-19 Pandemic Impact on CSUDH Students

7:00 – 7:10 p.m. Eliel Dominguez, Yadira Tanory, and Tyler O'Reily
  Resilience in light of anxiety

7:15 – 7:25 p.m. Dwasonique Sanford, Diana Minero, Ezquiel Minero, Tessy Onwukeme, Anahi Gomez, & Tosh Ayaes
  Making the Invisible Visible; Resilience through Awareness of Microaggressions

7:30 – 7:40 p.m. Clark Moore, Hazar Nasrini, Aamira Lomax, and Nasim Karini
  Authenticity and Cognitive Dissonance

7:45 – 7:55 p.m. Clark Moore, Dwasonique Sanford, Mario Lozano, Adriana Segura, and Hunter Larini
  Trans Empowerment

8:00 – 8:10 p.m. Marisol Najera, Chelsea Ramos, Michelle Garcia, Emily Guevara, Carmen, Oceguera, Janelly Reyes, Janice Lima Espinoza, Iris Rico, and Anahi Gomez
  Attitudes and Perceptions of Mental Health in the Latinx Community

#16 Undergraduate Roundtable I

February 22 — LSU 322

Evening Session: 6:45 – 8:15 p.m.

Vincent Temesvary
  Identify genes involved in skin development in Zebrafish
  Research Mentor: Fang Wang (Biology)

Precious Jones
  The Positive Effects of Social Media on Well-being
  Research Mentor: Ashley Membere (Psychology)

Aysa-Monae Collins
  The Role of Prenatal Care for Preterm Birth Outcomes for Non-Hispanic Black Women
  Research Mentor: Enrique Ortega (Health Science)

Tamiah Lacey
  American Depression Glassware
  Research Mentor: Sarah Taylor (Anthropology)
THURSDAY, FEBRUARY 23

#17 Physical & Mathematical Sciences Undergrad Oral
February 23 — LSU 326
Morning Session: 9:00 – 10:30 a.m.

9:00 – 9:10 a.m. Matthew Delgado and Alejandra Arjona
A detailed study of the correlation between Late Gadolinium Enhancement (LGE) and Cardiac Sarcoidosis (CS) using Machine Learning Methods
Research Mentor: Yi Grace Wang (Mathematics)

9:15 – 9:25 a.m. Moises Juarez Aboyt
Strange Matter: Understanding Neutron Stars & Nuclear Fusion via Hyperon Decay
Research Mentor: John Price (Physics)

9:30 – 9:40 a.m. Michael Pinkerton
A Case for Feasibility of Short-Lived Beams for Nuclear Physics Research
Research Mentor: John Price (Physics)

9:45 – 9:55 a.m. Guadalupe Mora, Nataly Mendoza, and Joey Kim
Mathematical modeling of the spread of infectious diseases
Research Mentor: Alexander Chen (Mathematics)

#18 Biological Sciences II Undergrad Poster
February 23 — LSU Ballroom A & B
Morning Session: 9:00 – 10:30 a.m.

Jocelyne Mena
Identifying if ycfJ, yqgB, malZ and tfaS Play a Role in Long-Term Stationary Phase in Escherichia coli
Research Mentor: Karin Kram (Biology)

Susana Lopez-Ignacio
UBE3B in Autism Spectrum Disorder
Research Mentor: Sonal Singhal (Biology)

Victoria Espeso
Investigating the regulator mechanism of purine metabolism in the Intracellular Pathogen response
Research Mentor: Eillen Tecle (Biology)

Amanda Thomas
Identification of Intracellular Pathogens from Wild-Caught Nematodes
Research Mentor: Eillen Tecle (Biology)

Ashley Sandoval
Milkweed Microbiome
Research Mentor: Kathryn Theiss (Biology)

David Giron Rodas and Melaine Singleton
Using zebrafish to investigate the role of transcription factors batf2 and cebp in early skin development and its interactions with sensory neurons
Research Mentor: Fang Wang (Biology)

Jessica Sklar
Using Zebrafish as a Model System to Study the Effects of Microplastic Ingestion on Fecal Microbiomes
Research Mentors: Fang Wang and Samantha Leigh (Biology)

Isabel Parada
How does breeding system vary across populations of pale evening primrose (Oenothera pallida ssp. pallida)?
Research Mentor: Kathryn Theiss
#19 ONLINE Health Sciences, Business, and Education

February 23 — Streamed Live in LSU 324 – Zoom Link

Morning Session: 9:00 – 10:30 a.m.

9:00 – 9:10 a.m. Jeannicet Bello
The Influence of the COVID-19 Pandemic on College Students of Color and Their Experience with Returning to Campus
Research Mentor: Kelin Li (Sociology)

9:15 – 9:25 a.m. Jason Leung
The Effects of Evidence-Based Interventions on Hematopoietic Stem Cell Transplant Caregiver Strain and Burden: An Integrative Review
Research Mentor: Terri Ares (Nursing)

9:30 – 9:40 a.m. Carlos Mora
Adopting a Policy for Social Media Use to Improve Organizational Effectiveness in Nonprofit Health Care Organizations
Research Mentor: Rui Sun (Public Administration)

9:45 – 9:55 a.m. Cindy Knapp
Reducing Unplanned Extubation Occurrences in the NICU: An Integrative Review
Research Mentor: Terri Ares (Nursing)

10:00–10:10 a.m. Kara Zorzoli, Andrew Bergum, Cassie Morton, and Devon Thompson
Comparing Dynamic Alignment Tools on Prosthetic Legs for Unilateral Trans-Tibial Amputees: A Case Study
Research Mentors: Julie Werner (Occupational Therapy), and Jennifer Lučarević, and Mojtaba Kamyab (Orthotics and Prosthetics)

#20 Health, Nutrition, and Clinical Science II Grad Oral

February 23 — LSU Ballroom C

Afternoon Session: 1:00 – 2:30 p.m.

1:00 – 1:10 p.m. Shelby Shelman, Ellyson Martens, Eric Simington, and Conner Irvin
Custom Injected Silicone Liner for a Rotationplasty Running Prosthesis
Research Mentor: Mark Muller (Orthotics and Prosthetics)

1:15 – 1:25 p.m. Hannah Smith, Armen Saryan, and Nyl Nyl Sett
The Form, Function, and Meaning of Online Dating for an Adult with a Spinal Cord Injury: A Narrative Study
Research Mentor: Sheryl Ryan (Occupational Therapy)

1:30 – 1:40 p.m. Carly Wong, Erica Ni, Alice Sinclair, and Daphne Wang
The Long Haul: Stories of Persons with Long COVID and Their Loved Ones
Research Mentor: Sheryl Ryan (Occupational Therapy)

1:45 – 1:55 p.m. Matthew Hoshiko, Elisabeth Kwon, and Aaron Mella
"Death By a Thousand Cuts": The Lived Experience of Minoritized Occupational Therapists Navigating Workplace Microaggressions
Research Mentor: Sheryl Ryan (Occupational Therapy)

2:00 – 2:10 p.m. Eileen Li, Julie Kim, Jane Hong, and Hannah Kleinbart
Exploring the Changes in Parenting Occupations for Immigrants
Research Mentor: Sheryl Ryan (Occupational Therapy)
#21 Health, Nutrition, & Clinical Science Undergrad Poster

February 23 — LSU Ballroom A & B

Afternoon Session: 1:00 – 2:30 p.m.

Ana Castillo
Health Resource Accessibility on the Dominguez Hills Campus
Research Mentors: Ken Seligson and Sarah Lacy (Anthropology)

Charlize Alyssa Castillo
What is the Actual Composition of Uric Acid Stone
Research Mentor: Sen Wang (Chemistry and Biochem)

Aysa-Monae Collins
Analysis of Prenatal and Maternal Risk of Fetal Mortality
Research Mentor: Enrique Ortega (Health Science)

Vyvy Tran and Nuria Maida Safar
A description of cancer risk knowledge among college students and a test of the Structural Influence Model
Research Mentor: Erin Merz (Psychology)

#22 Marine Natural Products: Medicines from the Sea

Undergraduate Symposium

February 23 — LSU 324

Afternoon Session: 1:00 – 2:30 p.m.

Research Mentors: Erin McCauley and Kari Pederson (Chemistry and Biochemistry)

1:00 – 1:10 p.m. Shaz Sutherland
Maximizing Biosynthesis of Secondary Metabolites from Marine-Derived Fungi for Biological Screening

1:15 – 1:25 p.m. Ana Ponce
Identification of Fungal Natural Products that Exhibit Cytotoxic Activity Towards a Brain Cancer Cell Line

1:30 – 1:40 p.m. Jeffrey Ocampo
Identification of Natural Products that Exhibit Bactericidal or Anti-virulence Activity Against Antibiotic Resistant Gram-Negative Pathogenic Bacteria

1:45 – 1:55 p.m. Sabrina Barata
Identifying Novel Chemical Scaffolds from Marine Derived Fungi using Tandem Mass Spectrometry based Molecular Networking

2:00 – 2:10 p.m. Jorge Hernandez Garcia
Natural Product Structure Elucidation using 1D and 2D Nuclear Magnetic Resonance Spectroscopy in Conjunction with Circular Dichroism Spectroscopy

2:15 – 2:25 p.m. Nathan Williams
Utilizing Global Natural Products Social Molecular Networking to Identify Novel Pyrrolo[4,3,2-de]quinoline compounds from the Marine Sponge, Zyzza fuliginosa

2:30 – 2:40 p.m. Edwin Chavez Santana
Probing of the microbiome of the marine sponge Jaspis splendens for the biosynthetic origin of Jasplakinolide.
Maria Delgado and Kerry Moynihan  
*A Scoping Review of Alcoholism and Cannabis Use: Its Effects on Neurodevelopment*  
Research Mentor: Kevin Montes (Psychology)

Bernard Amofa and Paulina Vinolas  
*How Emotion Regulation Supported College Students’ Achievement and Resilience During the Covid-19 Pandemic*  
Research Mentor: Giacomo Bono (Psychology)

Kerry Moynihan and Maria Delgado  
*Stimulants and Their Impulsive Consequences*  
Research Mentor: Kevin Montes (Psychology)

Anthony Makielski and Madison Reyna  
*Retrospective Self-Reports of Parental Monitoring*  
Research Mentor: Carl Sneed (Sociology)

Paulina Vinolas and Bernard Amofa  
*When Does Gratitude Matter More for College Students’ Resilience and Mental Health?*  
Research Mentor: Giacomo Bono (Psychology)

Aysa-Monae Collins  
*The Impact of Prenatal Care on Fetal Mortality in Black Mothers*  
Research Mentor: Enrique Ortega (Health Science)

Aliza Potter  
*Sooo, like? Are you pregnant? You know the statistics, right?: An Analysis of Listening to Black Mothers in California.*  
Research Mentor: Ashley Membere (Psychology)

Jose Guzman  
*Flood Estimation of Southern Fork Merced Watershed Using Spatial Analysis Techniques*  
Research Mentor: Parveen Chhetri (Earth Science)

Angel Perez, Rogelio Valdez, Nataly Mendoza, and Aileen Gandarilla  
*Sum-Free Sets in the Bubbling Cauldrons Problem*  
Research Mentors: Carolyn Yarnall, Jessalyn Bolkema, and Sharon Lanaghan (Mathematics)

Jose Guzman and Ian Yoon  
*Geospatial technology to map watershed and river order in San Bernardino County, CA*  
Research Mentor: Parveen Chhetri (Earth Science)

Berence Rojas  
*Indoor Ventilation quality monitoring using a self-built monitor*  
Research Mentor: Barbara Belmont (Chem & Biochem)

Stephanie Isidoro, Cindy Muñoz, Noah Soto, and David Saldana  
*Measuring the environmental impact of reducing single-use plastic water bottle usage on CSUDH campus.*  
Research Mentor: Parveen Chhetri (Earth Science)

Yolanda McDow  
*Does a non-phthalate plasticizer contain phthalate?*  
Research Mentor: Barbara Belmont (Chem & Biochem)

Melissa Avila-Briones  
*Identification of Putatively Novel Natural Products from a Marine Derived Penicillium sp. of Fungi*  
Research Mentor: Erin McCauley (Chem and Biochem)

Cody Nichols  
*Reduced Graphene Oxide Synthesis from Waste Biomass and Its Usage in the Fabrication of Capacitors and Supercapacitors*  
Research Mentor: Lamar Glover (Physics)

Anthony Trochez, Michelle Mohr, Gabriel Angulo, and Raju Bista  
*Tree-Ring climate response of Pinus ponderosa in Prescott National Forest, Arizona*  
Research Mentor: Parveen Chhetri (Earth Science)

Justin Ruiz and Christopher Gonzalez  
*Prize-Collecting Traveling Salesman Problem: A Reinforcement Learning Approach*  
Research Mentor: Bin Tang (Computer Science)

Edlyn Pacheco  
*A Study of Belady’s Anomaly in Page Replacement Algorithms*  
Research Mentor: Bin Tang (Computer Science)
#25 Behavioral and Social Sciences Developmental Undergrad Poster
February 23 — LSU Ballroom A & B
Evening Session: 5:30 – 7:00 p.m.

Janet Sanchez and Ashley Romero  
The role of attachment styles on interpersonal relationships among adults  
Research Mentor: Tatiana Basañez (Psychology)

Isaac Colin, Brianna Antunez, and Elena Rodriguez  
Adverse Childhood Trauma and Anxiety  
Research Mentor: Tatiana Basañez (Psychology)

Leah Allen, Lizabeth Hernandez, and Jose Quintero  
The Link Between Social Media and Anxiety  
Research Mentor: Tatiana Basañez (Psychology)

Lesley Garcia, Jennifer Ibañez, Lucio Manzo, and Guadalupe Oropeza  
The Role of Yoga Practices on Stress levels  
Research Mentor: Tatiana Basañez (Psychology)

Diana Luna, Julia Marquez, and Kennedy Collins  
Comparing Levels of Job Satisfaction and the Role of Job Benefits Among Union and Non-Union Employees  
Research Mentor: Tatiana Basañez (Psychology)

Karina Martinez  
The Effect of Exposure to Maps of US gun deaths on Attitudes about Guns  
Research Mentor: Tatiana Basañez (Psychology)

Guadalupe Herrera  
Beauty in the Chaos  
Research Mentors: Joanna Perez (Sociology) and Ana Barragan (Toro Dreamers Success Center)

Maya Lince, Purshe Morales, Alexis Duschane, and Karla Torres Ruvalcaba  
Social Media consumption and Mental Health Stigmas  
Research Mentor: Tatiana Basañez (Psychology)

Monica Dorca, Vyvy Tran, Anthony Be, and Nuria Maida Safar  
Examining the Impact of Accessibility to Resources on Educational Outcomes For First Generation College Students  
Research Mentors: Erin Barrett, Steven Frieze, and Monique Turner (Psychology)

#26 Health, Nutrition, & Clinical Sciences Grad Oral III
February 23 — LSU Ballroom C
Evening Session: 5:30 – 7:00 p.m.

5:30 – 5:40 p.m.  Maria Fernanda Cervantes Godinez, Karla Carrillo Robles, Ceslee Gonzales, and Socorro Renee Cruz
*Occupational Therapy Practitioner's Experiences in Pediatric Telehealth During COVID-19*
Research Mentor: Sheryl Ryan (Occupational Therapy)

5:45 – 5:55 p.m.  Krystal Lopez, Jocelyn Macias, and Ashley Hansack
*Experiences of 1st Generation Latinx Individuals and Their Occupation of Health Management*
Research Mentor: Sheryl Ryan (Occupational Therapy)

6:00 – 6:10 p.m.  Catherine Ngo, Austin Shen, Tiffany Tran, and Jizelle Vilela
*Help me help others: The work experiences of occupational therapists with physical disabilities*
Research Mentor: Sheryl Ryan (Occupational Therapy)

6:15 – 6:25 p.m.  Victoria Patten, Keegan Shepherd, Yvonne Querido, and Heather Nguyen
*Impact of Type 1 Diabetes on Family Dynamics*
Research Mentor: Sheryl Ryan (Occupational Therapy)

6:30 – 6:40 p.m.  Amanda Martelli, Amy Lumley, John Jonson, Rachel Morgan
*Adult Reflections of Adolescent Experiences with Type 1 Diabetes*
Research Mentors: Sheryl Ryan (Occupational Therapy)

#27 Behavioral Sciences, Arts, and Business
Undergrad Oral
February 23 — LSU 326
Evening Session: 5:30 – 7:00 p.m.

5:30 – 5:40 p.m.  Ricardo Lopez Jr.
*Weapon-Based Masculinity: Militarized Machismo in Roma, El Secreto De Sus Ojos, and El Norte*
Research Mentors: Roderick Hernandez (English) and Andrea Johnson (History)

5:45 – 5:55 p.m.  Monique Mangum
*Gaddang: Grammaticalization & Rule Ordering*
Research Mentor: Iara Mantenuto (English)

6:00 – 6:10 p.m.  Tiffany Amacker
*Customer Conflict Management: Identifying and Negotiating Resolutions*
Research Mentor: Nancy Erbe (Negotiation)

6:15 – 6:25 p.m.  Michelle Avila
*Cerro Sechán: The Iconographic Mystery*
Research Mentor: Jerry Moore (Anthropology)

6:30 – 6:40 p.m.  Daniella J. Enriquez
*Economic Impacts of Prohibition*
Research Mentors: Andrea Johnson and Kate Fawver (History)

6:45 – 6:55 p.m.  Alicia Moore
*Deciding Factors of Hormones That Can Predict a Parent's Ability to Successfully Nurture Young*
Research Mentor: Thomas Norman (Management)
#28 Behavioral Science, Education, Computer Science, and Public Administration Developmental Oral

**February 23 — LSU 324**

**Evening Session: 5:30 – 7:00 p.m.**

5:30 – 5:40 p.m.  
**Jazlyn Landaverde**  
*Identifying Gaps: Los Angeles City College and the Dream Resource Center*  
Research Mentor: Margarita Landeros (Education)

5:45 – 5:55 p.m.  
**Muhammad Umer Naeem and Kunal Parnami**  
*Employee Identification and Tracking System*  
Research Mentor: Alireza Izaddoost (Computer Science)

6:00 – 6:10 p.m.  
**Ashley Corsey**  
*Why women don’t stay with cybersecurity and the barriers that arise and how to break them down*  
Research Mentor: Myron Z Sheu (Business Administration)

6:15 – 6:25 p.m.  
**Karina Ceja, Stephanie Cervantes, and Elia Arteaga**  
*The Role of Early Childhood Education on Academic Outcomes*  
Research Mentor: Tatiana Basañez (Psychology)

6:30 – 6:40 p.m.  
**Nallely Gutierrez, Abigail Morales, and Maria Morales**  
*Childhood Trauma and Levels of Income*  
Research Mentor: Tatiana Basañez (Psychology)

#29 Graduate Roundtable

**February 23 — LSU 322**

**Evening Session: 5:30 – 7:00 p.m.**

**Karla Torres**  
*Language ideologies and its impact on the practice of Chicano English in higher education*  
Research Mentor: Iara Mantenuto (English)

**Jorge Roque**  
*Historically Disadvantaged Communities and Mental Health Practitioners evaluation of Mental Health Services: Moving Towards Health Equity*  
Research Mentor: Ashley Membere (Psychology)

**John W. Horton III**  
*African American English from Three Historically African American Catholic Communities in Los Angeles*  
Research Mentor: Iara Mantenuto (English)
FRIDAY, FEBRUARY 24

#30 Health, Nutrition, and Clinical Science Grad Poster
February 24 — LSU Ballroom A & B
Morning Session: 9:00 – 10:30 a.m.

Tiffany Salazar
*Administration of Minimal Enteral Nutrition During Therapeutic Hypothermia*
Research Mentor: Terri Ares (Nursing)

Christa Berry, Riley Greer, Shelby Rose Shelman, and Ellyson Martens
*Gross Motor Development in Children with Lower Limb Differences*
Research Mentors: Julie Werner (Occupational Therapy), and Jennifer Lučarević (Orth. and Prosth.)

Karyssa Dela Cruz, Eric Andrews, Mazen Elhosseiny, and Conner Irvin
*Clinical Applications between Different Types of 3D Scanners*
Research Mentor: Julie Werner (Occupational Therapy)

Blake Sanders, Eric Simington, and John Bishop
*Osseointegration in Relation to Phantom Limb Pain*
Research Mentors: Julie Werner (Occupational Therapy), and Mojtaba Kamyab (Orthotics & Prosth.)

Megan Hertzog
*Occupational Noise in the Field of Orthotics and Prosthetics*
Research Mentors: Julie Werner (Occupational Therapy), and Jennifer Lučarević and Mojtaba Kamyab (Orthotics and Prosthetics)

Lauren Jensen, Zoe Allyson, Will Kellett, & Sara Merlock
*Silicone Gloves Designed to Limit Vibration While Using a Cast Saw*
Research Mentors: Julie Werner (Occupational Therapy), and Jennifer Lučarević and Mojtaba Kamyab (Orthotics and Prosthetics)
#31 Behavioral and Social Sciences Grad Oral
February 24 — LSU 324
Morning Session: 9:00 – 10:30 a.m.

9:00 – 9:10 a.m.  Brianne O’Donoghue
Equitable Grantmaking in the Time of COVID-19: A Case Study
Research Mentors: Adriana Aldana and Andridia Mapson (Social Work)

9:15 – 9:25 a.m.  Ana Avizu
Abortion Attitudes Since Roe v Wade Legislation and Today
Research Mentor: Katy Pinto (Sociology)

9:30 – 9:40 a.m.  Eli Sarceno
Evangelical Latino immigrants building ‘community’ in South [Central] L.A.
Research Mentors: Joanna Perez, Claudia Diera, and Kelin Li (Sociology)

9:45 – 9:55 a.m.  Denise Y. Aguiluz and Belen V. Guillen
Effects of Intimate Partner Violence and Discrimination During Pregnancy on Black Women’s Mental Health
Research Mentor: Irene Tung (Psychology)

10:00–10:10 a.m.  Ryan Vane
Critical review of studies investigating the relationship between mTBI & long-term neurocognitive outcome
Research Mentor: Tara Victor (Psychology)

#32 Arts and Humanities Undergrad Oral
February 24 — LSU 326
Morning Session: 9:00 – 10:30 a.m.

9:00 – 9:10 a.m.  Caitlin McClister
“Missteps and Misfires: Perceptions of the Japanese Attack on Pearl Harbor
Research Mentor: Andrea Johnson (History)

9:15 – 9:25 a.m.  Michelle Avila
The Sacred Mystic: St. Catherine of Siena’s Piety, Stigmata, and Holy Anorexia In Baroque Art
Research Mentor: Kirstin Ellsworth (Art History)

9:30 – 9:40 a.m.  Edmund Arevalo
Family Ties
Research Mentor: Devon Tsuno (Art & Design)

9:45 – 9:55 a.m.  Florencia Bravo
”Time is on my side”: Examining the Exploitation of Feminine Bodies through the Masculine Need for Immortality in Mexican Gothic and Other Novels
Research Mentors: Helen Oesterheld and Roderick Hernandez (English)

10:00–10:10 a.m.  Jackeline Granados
Full Metal Gothic: An Examination of Social Changes and Anxiety
Research Mentor: Helen Oesterheld (English)

10:15–10:25 a.m.  Ricardo Lopez Jr.
Conventional Transgressors: A Contemporary Contradiction in the Gothic Heroines of Fledgling and Mexican Gothic
Research Mentor: Helen Oesterheld (English)
#33 Undergraduate Roundtable II

February 24 — LSU 322

Morning Session: 9:00 – 10:30 a.m.

Maria G. Prince
*Impact of Anti-Mexican Policies and Attitudes on Blaxicans’ Spanish Use*
Research Mentor: Iara Mantenuto (English)

Shirin Jorayeva and Kunal Parnami
*Addressing the Need of Government Workforce: From a Job Aggregator Tool to a Public Sector Alliance*
Research Mentors: Rui Sun (Public Administration) and Krystal Rawls (Workforce Integration Network)

Aliza Potter
*Ughh of Course She’s Pregnant, you know those People!: Pregnant Black women experiences in healthcare and in the workplace*
Research Mentor: Ashley Membere (Psychology)

Isabelle Hutchins
*Sociolinguistic Attitudes of Tagalog Heritage Speakers*
Research Mentor: Iara Mantenuto (English)