2020 VIRTUAL
UNDERGRADUATE RESEARCH SYMPOSIUM

Various Zoom sessions from April 6th at 3:35 pm to April 9th at 7:45 pm
Visit the week-long event at bit.ly/URSVIRTUAL.

You are invited to join us throughout the week of April 6 as current undergraduate researchers present their posters virtually for the virtual 2020 Undergraduate Research Symposium! Through the Facebook event page we will share the time for each presentation session, the Zoom event link, and the general area/topic of the presentations so you can watch and support your friends and peers.

Many of our presenters participate in the Undergraduate Research Opportunity Program (UROP), Garnet and Gold Scholar Society, Honors in the Major, and students wanting presentation experience. We will be sharing the Nourishing Creativity performative projects as videos shared in each session.

Program of poster sharing events for Thursday, April 9th

Monday, April 6th sessions
- 3:30 - 4:35 pm, 1 poster sharing event
- 5:15 - 6:15 pm, 3 poster sharing events
- 6:45 - 7:45 pm, 4 poster sharing events

Tuesday, April 7th sessions
- 3:30 - 4:35 pm, 1 poster sharing event
- 5:15 - 6:15 pm, 4 poster sharing events
- 6:45 - 7:45 pm, 3 poster sharing events

Wednesday, April 8th sessions
- 4:00 - 5:00 pm, 1 poster sharing event
- 5:15 - 6:15 pm, 3 poster sharing events
- 6:45 - 7:45 pm, 2 poster sharing events

Thursday, April 9th sessions
- 3:35 - 4:25 pm, 1 poster sharing event
- 5:15 - 6:15 pm, 4 poster sharing events
- 6:45 - 7:45 pm, 2 poster sharing events
Thursday, April 9th
5:15 - 6:16 pm
Leaders Christina Hayworth & Marissa Latouche, Psychology

https://fsu.zoom.us/j/962448751
bit.ly/ursababstract20

**Lead Remediation Policy in the United States**
Abigail Branham
Research Mentor: Prof. Katrinell Davis

**Network Modeling and Simulation**
Andre Merchan Revilla
Research Mentor: Dr. Charalambos Konstantinou

**Well-being Measures**
Annie Bolter
Research Mentor: Mr. Jorge Oseguera Gamba

**Making up War in Cote d'Ivoire: Politics, Religion, and Conflict in West Africa**
Carlisle Ziesig
Research Mentor: Dr. Joseph Hellweg

**A Comprehensive Overview of Deadly Mass Shootings in America, 1976-2018**
Georgia Watson
Research Mentor: Dr. Jillian Turanvic

**Examining the Effect of Hope on Couple's Therapy**
Graciela Medina
Research Mentor: Mr. Spencer Youngberg
Effect of Word Instruction on English-Learner students
Irene Mamea
Research Mentor: Ms. Kristina Bustamante

Barriers and Facilitators to Faculty Grantsmanship: A Systematic Literature Review
Judy Pierre
Research Mentor: Dr. Rachel Goff-Albritton

Technology-Based Mathematics for Students with Autism Spectrum Disorder
Melanie Umbdenstock
Research Mentor: Ms. Nanette Hammons

Implicit Suicidal Cognitions: A New Approach to the Death Implicit Association Test
Zachary Scott
Research Mentor: Mr. Austin Gallyer
Thursday, April 9th  
5:15 - 6:16 pm  
Leaders: Anna Wuest & Cara Axelrod, Transfer group

https://fsu.zoom.us/s/924037288  
bit.ly/ursababstract20

One Nation Under Guns: A Social History of Faith and Firearms in America  
Alec Jimenez  
Research Mentor: Prof. Michael McLaughlin

Modern Applications of the SIR Model  
Anthony Ballestas  
Research Mentor: Dr. Francesca Bernardi

Agnes Stillwell in Potter's Quarter  
Caroline Gilley  
Research Mentor: Dr. Kathrine Harrington

Social Media as a Parenting Support Tool: A Scoping review  
Casey Cargill  
Research Mentor: Dr. Vanessa Dennen

Differential Vulnerability to Tornado Impacts in Communities of the Rural U.S. South  
Claudia Camilus  
Research Mentor: Dr. Tisha Holmes

Examination of Amphimedon compressa as a Complex of Cryptic Sponge Species  
Deborah Olivier  
Research Mentor: Ms. Bobbie Renfro
Effects of Biofeedback Training Intervention on Behavioral and Neurocognitive Performance in adults
Francesca Carpentieri
Research Mentor: Dr. Pascal Jean-Pierre

Outsourcing of Investment Management for Life Insurance Corporations
Francisco Lebron
Research Mentor: Dr. Kyeonghee Kim

Deadly Mass Shootings 1976-2018: Trends, Features, and Media Reporting
Hannah P. Stevenson
Research Mentor: Dr. Jillian Turanovic

In the Member's Best Interest
Laurie-Yolita Louissaint
Research Mentor: Dr. Gary Bliss

Dante Today: Cataloging Culture
Luis Sanchez
Research Mentor: Dr. Elizabeth Coggeshall

Role of Adiponectin in Exercise Training-Induced Adaptations of the Cardiovascular System
Megan Schimansky
Research Mentor: Dr. Judy Delp

Effects of Neighboring Plants on Seed Yield in the Species Solanum carolinense
Sandra Miles
Research Mentor: Dr. Dr. Jacob Heiling

Water Purification Technologies for Rural Communities in West Africa: Current Challenges and Future Directions
Taylor Fant
Research Mentor: Dr. Sam Yang
Thursday, April 9th
5:15 - 6:16 pm
Leaders Ashley Moses & Mannat Thakur & Jessica Folsom, Neuroscience

https://fsu.zoom.us/j/768653511
bit.ly/ursababstract20

**Impaired Hippocampal-cortical Interactions During Sleep and Memory Reactivation Without Consolidation in a Mouse Model of Alzheimer's Disease**
Ashley Silk
Research Mentor: Dr. Aaron Wilber

**Investigating Math Interpretation Bias and it's Relation with Math Anxiety**
Camila De Armas
Research Mentor: Dr. Colleen Ganley

**The Role of NADPH Oxidase in Endothelial Function**
Cara Gillespie
Research Mentor: Dr. DoHoun Kim

**The Impact of Teacher Language Use on Student Language Development**
Daisy Ramos
Research Mentor: Dr. Carla Wood

**Exploring Female Characters in Bollywood Film**
Damamli Dorsey
Research Mentor: Ms. Rebecca Peters

**Learning Through Cycles of Collaborative Design**
Isabella Bayramov
Research Mentor: Dr. Jennifer Schellinger
Dopamine Receptor Expression in the Olfactory Bulb
Jessica Moser
Research Mentor: Dr. Douglas Storace

The Role of Basic Heritage Language Courses in Acquiring and Maintaining the Spanish Language
Kairin Bonilla
Research Mentor: Dr. Estrella Rodriguez

Blue-to-UV Upconversion Though Tunable CsPbBr Triplet Sensitization
Kelsey Morris
Research Mentor: Prof. Lea Nienhaus

Network resilience in a brain network for birdsong
Kerrianna Jadunandan
Research Mentor: Dr. Frank Johnson

Self-Directed Research
Kevin Etienne
Research Mentor: Dr. Casey Dozier

Analyzing the Relationships Between Nostalgia, Meaning, Depression, and Suicidal Ideation
Lena Shepulski
Research Mentor: Mr. Sean Dougherty

Mortality from Alcohol Exposure Increases with Lack of Circadian Rhythm
Natalie Storch
Research Mentor: Dr. Lisa Lyons

Digital Narratives: Capturing the Graduate Student Experience
Nyah German
Research Mentor: Dr. Adrienne Stephenson
Project MED
Robel Mechal
Research Mentor: Dr. Scott Pickett

Gentrification in Atlanta's LGBTQ Community
Sarah Gallagher
Research Mentor: Ms. Rachael Cofield

The Effect of pH on GBP2 Reactivity
William Zak
Research Mentor: Dr. Qian Yin
Thursday, April 9th
5:15 - 6:16 pm
Leaders Caitlin Baird & Caitlin Violette, Psychology

https://fsu.zoom.us/j/962448751
bit.ly/ursabSTRACT20

Alana Rigby
Research Mentor: Prof. Hye Ryung Won

**The Effects of Sleep Deprivation on Suicidal Behaviors in a Virtual Reality Paradigm**
Augusta Mansfield
Research Mentor: Ms. Lauren Harris

**Understanding Prejudice and Facilitating Social Change**
Imani Lewis
Research Mentor: Ms. Kristina Chamberlin

**Design and Creation of Various Art Forms**
Kimberly Le
Research Mentor: Prof. Kevin Curry

**Inclusivity through the Student Resilience Project**
Maricela Rubio
Research Mentor: Dr. Karen Oehme
Thursday, April 9th
5:15 - 6:16 pm
Leaders Raechel Sanger & Anna Jara, Psychology

https://fsu.zoom.us/s/936560513
bit.ly/ursababstract20

Interactive Effects of Anxiety Sensitivity and Trauma Type on OC Symptoms in a Trauma-Exposed Community Sample
Ashley Crisafulli
Research Mentor: Ms. Danielle Morabito

Spatial Reorientation Impairment in the Parietal-Hippocampal Network of Mice Models with Alzheimer's Disease Pathology
Carolina Garcia-Barbon
Research Mentor: Dr. Aaron Wilber

The Psychological Toll of Prison Systems
Jailene Oliva
Research Mentor: Dr. Tanya Renn

Detection Thresholds of Mice to Commonly Used Odorants
Jordan Singer
Research Mentor: Dr. Adam Dewan

Developing an Understanding of how Couples Interact in the Context of Problem Solving
Madeline Jubran
Research Mentor: Dr. Andrea Meltzer

The Contribution of TAAR's to Amine Discrimination
Matthew Gomes
Research Mentor: Dr. Adam Dewan
Roles Of Non-Profits in Hurricane Response and Recovery
Nadia Patterson
Research Mentor: Dr. John Mathias

A Preliminary Evaluation of an Exposure-Based Treatment for Perfectionism
Payton Sikes
Research Mentor: Ms. Sarah Redden

Exploring the Interaction between Early Life Adversity and Support Groups on Adult Cognitive Status
Valeria Burchard
Research Mentor: Dr. Julia Sheffler

Deferred Prosecution Program Guide
Vinchenzo Vassalotti
Research Mentor: Ms. Antoinette Grier
Thursday, April 9th
6:45 - 7:45 pm
Leaders Autumn Aniello & Zoe White, Pre-nursing

https://fsu.zoom.us/j/561761713
bit.ly/ursababstract20

**Effect of Word Instruction on English-Learner students**
Amaya Fernandez
Research Mentor: Ms. Kristina Bustamante

**Examining the Effect of Hope on Couple's Therapy**
Ashton Johnson
Research Mentor: Mr. Spencer Youngberg

**Using enhanced-milieu teaching with experience books to improve verbal language skills of children with visual impairment (VI) and developmental disability (DD)**
Carly Mayzum
Research Mentor: Mr. Mert Bilgin

**The Too Soon Effects of Returning to Work Postpartum in African American Households**
Desyree Houston
Research Mentor: Dr. Jospeh

**Technology Based Mathematical Problem Solving Instruction**
Jaden Jones
Research Mentor: Dr. Sarah Cox

**The Functional Role of the Anterior Thalamic Nuclei-parietal Cortex Network on Spatial Orientation**
Jazmin Belton
Research Mentor: Dr. Aaron Wilber
Supports and Constrains in Classroom Engagement: An Examination of the Discursive Moves of Two Girls' Sensemaking Endeavors in Science
Katarina Gomez
Research Mentor: Dr. Jennifer Schellinger

The FSU Children’s Learning Clinic: A Comprehensive Scientist-practitioner Research Clinic Combining Evidence-based Clinical Services with Novel ADHD Research Strategies
Kellie Conlon
Research Mentor: Dr. Michael Kofler

The Importance Of Legacy data in Archaeology
Kimberly Civil
Research Mentor: Dr. Katherine Harrington

Sibling Influence on Child Health Behaviors and Obesity: A Systematic Review
Kyrie Blocker
Research Mentor: Dr. So Hyun Park

Perspectives of SLPs on Friendship Maintenance and Development for Clients with Aphasia
Lauryn Barkley
Research Mentor: Dr. Michelle Therrien

Determining if Male Familial History in Reading and Language Difficulties Poses a Higher Indication of Risk
Leilani Fleites-Fernandez
Research Mentor: Dr. Beth Phillips

Effects of Nature Exposure on Perceptual-Cognitive-Motor Performance
Martin Gonzalez
Research Mentor: Ms. Stinne Soendergaard
Parental Influence on Preschoolers Academic Performances
Robyn Wilson
Research Mentor: Dr. Beth Phillips

Patient Experiences with Information Seeking for Cancel Clinical Trials
Shelby Harper
Research Mentor: Ms. Lynette Gerido

The Interpersonal Core of Conscientiousness: Mechanisms And Partner Effects That Promote Healthier Cognitive Aging And Reduce Risk of Alzheimer's
Taylor Mosca & Genevieve Murdoch
Research Mentor: Hannah Lovett
Thursday, April 9th
6:45 - 7:45 pm
Leaders Selina Nevin & Meagan McLaughlin, Social Science, International Affairs, Political Science

https://fsu.zoom.us/j/751933839
bit.ly/ursabstract20

Utilizing Geographic Information Systems for Football Gameday Car Crash Analysis
Alexander Chang
Research Mentor: Dr. Eren Ozguven

The Role of Basic Heritage Language Courses in Acquiring and Maintaining the Spanish Language
Avie Montoya
Research Mentor: Dr. Estrella Rodriguez

Motivation to Take Political Action
Chelsea Casabona
Research Mentor: Ms. Daniella Krusemark

How Top-tier Research Institutions Affect the Surrounding Economy
Connor Sherman
Research Mentor: Dr. Shawn Kantor

Better Dead Than Red: A Twentieth Century Crusade for Christ and Against Communism
Emma Bernstine
Research Mentor: Dr. Daniel Wells
Making up War in Cote d'Ivoire: Politics, Religion, and Conflict in West Africa
Georgina Patient
Research Mentor: Dr. Joseph Hellweg

Symbols of White Supremacy: The Relationship between Monuments to the Confederacy and Hate Crimes Guissella
Cruz Research
Mentor: Dr. Brendan Lantz

Aggress to impress: Waging political aggression so as to gain favor with the political ingroup
Jose Cruz
Research Mentor: Mr. Doug Kievit

The PURPOSE of Mentorships: A Program Evaluation
Madison Resnick
Research Mentor: Mr. Erik Rawls

Resilience in International Students Maya Gummaraju Research
Mentor: Dr. Karen Oehme Educating Digital Citizens: A Review of Curricula
Thomas Lovegren
Research Mentor: Dr. Vanessa Dennen

Thomas Ossi
Research Mentor: Dr. Michael McVicar

Researching Applications of NKA Frameworks in Social Media Environments
Victor Arechavaleta
Research Mentor: Dr. Vanessa Dennen