

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>

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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>

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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>

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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 Through 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>

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Research and Trends in STEM Education in Preschool Setting: A Content Analysis of Publication in Selected Journals (2009-2018)

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/j/936560513>

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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>

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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. Jospheh

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>

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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

Allegations of Communist Infiltration of US Religious Organizations, 1953-1962

Thomas Ossi

Research Mentor: Dr. Michael McVicar

Researching Applications of NKA Frameworks in Social Media Environments

Victor Arechavaleta

Research Mentor: Dr. Vanessa Dennen