

# 22<sup>nd</sup> Annual Day of Scholarship

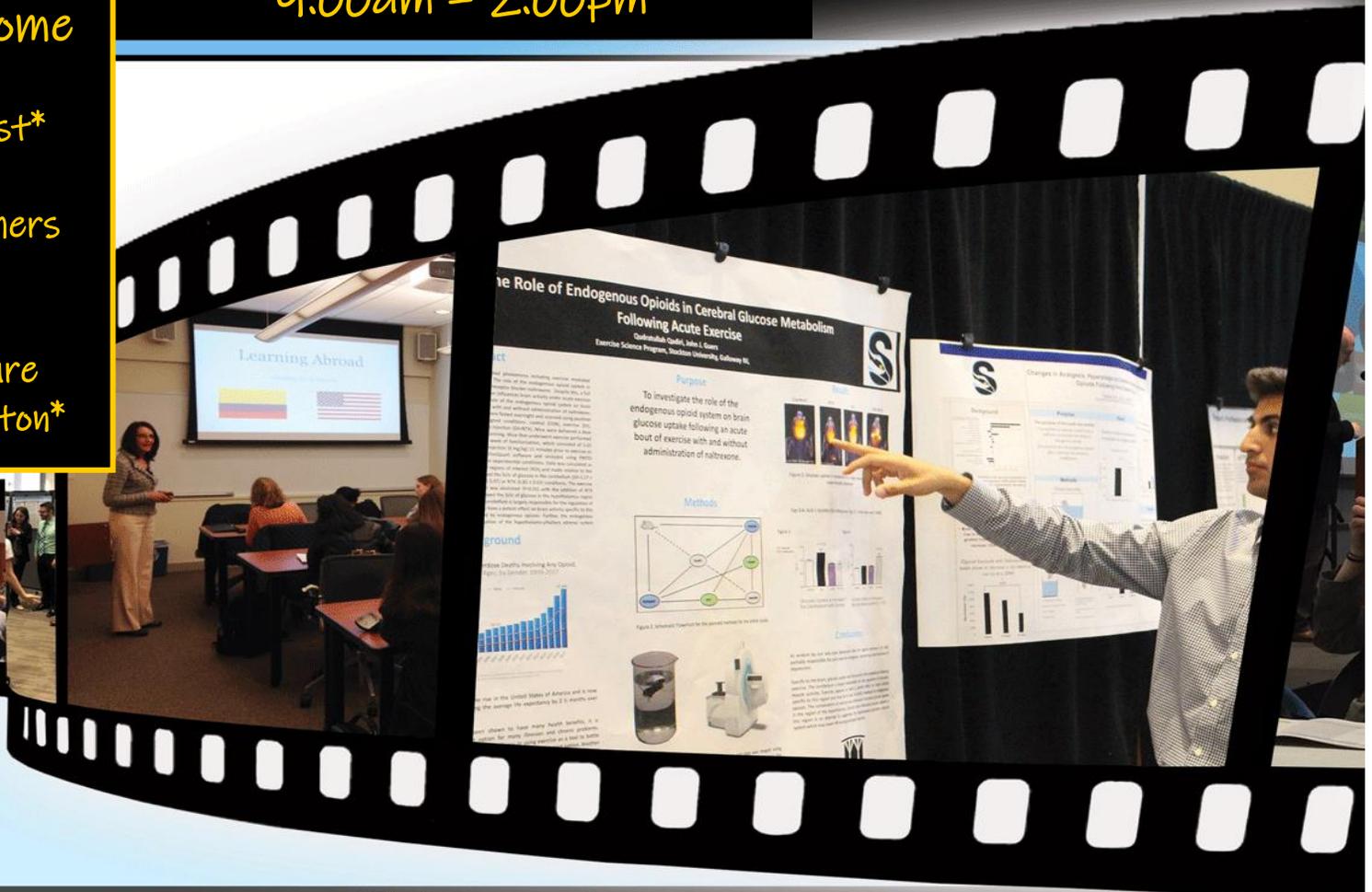
ALL Faculty, Staff, and  
Students Are Welcome

\*Continental Breakfast\*

\*Engage with researchers  
and scholars\*

\*Learn about signature  
programming at Stockton\*

Campus Center Event Room  
9:00am – 2:00pm



# 22nd Annual Stockton University Day of Scholarship

Thursday, April 7, 2022

9:00am – 2:00pm

Campus Center, Galloway Campus

The 2022 Day of Scholarship is a unique and exciting opportunity for faculty and students to showcase their scholarship and accomplishments, disseminate knowledge, and review research currently being conducted by peers and colleagues.

The event consists of poster sessions, live/in-person presentations, and pre-recorded presentations.



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# Schedule

**9:00 – 11:00am**

Continental Breakfast (*Campus Center Event Room*)

**9:00 – 10:00am**

Poster Presentations and Q&A (*Campus Center Event Room*)

**9:30 – 9:45am**

Opening Remarks: Dr. Leamor Kahanov,  
Provost and Vice President for Academic Affairs  
(*Campus Center Event Room*)

**10:05am – 2:00pm**

Live/In-Person Presentations\*

*\*See Schedule for Live/In-Person Presentations located in the Campus Center  
(Pre-Recorded Presentations available via the [ORSP website](#))*

**2:00 – 5:00pm**

Poster Pick-Up (*Campus Center Event Room*)

# Stockton University Strategic Plan 2025: Six Key Areas of Focus

*All faculty, staff and students participating in the 2022 Day of Scholarship have been asked to identify an area of strategic priority – from the University's Strategic Plan 2025 – that relates to their respective posters, live/in-person presentation, or pre-recorded presentations. Included below is a key to understanding each of Stockton's six key areas of strategic focus.*

- ◆ **Inclusive Student Success:** Inclusive student success is the extent to which Stockton recruits, supports, and empowers an increasingly diverse student body and works to close the equity gaps that exist in higher education.
- ◆ **Diversity & Inclusion:** Stockton is dedicated to building a community that values differences of race, religion, gender, ethnicity, national origin, socio-economic status, affectional or sexual orientation, gender identity or expression, marital status, age, ability, or disability.
- ◆ **Teaching & Learning:** Stockton has achieved remarkable success in terms of student retention and graduation rates because of its personalized approach to teaching and learning. Our faculty members bring both recognition in their respective fields and a strong commitment to teaching, research, scholarship, and creative endeavors.
- ◆ **Strategic Enrollment Management:** The University has begun the important work of evaluating its recruitment goals and strategies, updating its institutional aid programs, and developing a formal and structured student retention process. This work will continue to be refined over the next five years to ensure that enrollment and graduation goals are aligned with institutional capacity.
- ◆ **Financial Sustainability:** As a public institution, Stockton is a steward of public funds, carefully balancing the fiscal needs of academic programs, capital and facilities, technology infrastructure, human capital, debt and expenses, student programs and services, and operations, while keeping tuition affordable.
- ◆ **Campus Community, Communication & Shared Governance:** Shared governance is an integrated planning process that fosters active collaboration, transparency, accountability, understanding and acceptance of compromise, mutual respect, and trust.

# Live/In-Person Presentations

*All presentations will be held in the meeting rooms throughout the Campus Center*

Time & Location	Presenter(s)	Presentation Title / Description	School/ Dept/ Unit	Strategic Priority
10:05 – 10:30am CC MR2	<i>Presenter:</i> Carlee Bellapigna  <i>Faculty Advisor:</i> Dr. Zornitsa Kalibatseva	Need for Structure, Loneliness, Social Media Use, and Body Image as Predictors of Mental Health Symptoms in the Context of COVID-19 <i>How do risk factors related to the COVID-19 pandemic, such as need for structure, loneliness, social media use, and perceived body image predict social anxiety, depressive, and disordered eating symptoms?</i>	SOBL/ HEALTH SCIENCES	◆
10:05 – 10:30am CC MR3	<i>Presenters:</i> Kaylee Heslin Stephanie Coulman  <i>Faculty Advisors:</i> Dr. Helana Girgis Dr. Kaite Yang	The Influence of Community on Moral Judgments <i>Examine the effects of the community's influence on 9-year-olds' and adult's moral judgments across three categories of violations.</i>	SOBL	◆
10:35 – 11:00am CC MR2	<i>Presenter:</i> Dr. Jennifer Lyke	The Nature of Discarnate Entities and Their Interactions with DMT Users <i>Content analysis of 149 trip reports posted on Erowid.org by DMT users in order to characterize users' descriptions of the entities as well as the nature of their interactions with them.</i>	SOBL	◆

<p>11:05 – 11:30am</p> <p>CC MR3</p>	<p><i>Presenters:</i> Anna I. Caputo Kaylee Heslin Alivia Elliot Melissa Zou</p> <p><i>Faculty Advisor:</i> Dr. Helena Girgis</p>	<p>The Influence of Social and Cultural Factors on Categorization Strategies for Foods and Non-Foods <i>The influence of social and culture factors on young children’s understanding of the classification of origins of familiar and unfamiliar natural and processed foods, non-food natural items and artifacts.</i></p>	<p>ARHU/SOBL</p>	
<p>11:05 – 11:30am</p> <p>CC Theatre</p>	<p><i>Presenter:</i> Kat Echevarria Richter</p>	<p>Archiving Black Vernacular Dance: Deborah Mitchell’s “The Moon Suite” <i>Exploring the work of NJ-based choreographer Deborah Mitchell through archival and autoethnographic research, this project considers strategies of resistance to white cultural hegemony through the choreography and staging of black vernacular dance, specifically rhythm tap.</i></p>	<p>ARHU</p>	
<p>11:35am – 12:00pm</p> <p>CC MR4</p>	<p><i>Presenter:</i> Dr. Michael Law</p>	<p>Using a COMPASS to Navigate Through Meiosis <i>Understanding gamete formation, an essential part of the life cycle of many living organisms.</i></p>	<p>NAMS</p>	
<p>12:05pm – 12:30pm</p> <p>CC MR2</p>	<p><i>Presenter:</i> Dr. Lauren Seyler</p>	<p>Expanding DNA Sequencing Capability with Nanopore Technology <i>Nanopore sequencing technology allows for portable, real-time DNA and RNA sequencing that generates ultra-long sequence reads at a fraction of the cost of other available platforms. Students in the DEEP lab at Stockton use this technology to explore communities of microorganisms in pinelands habitats on the Galloway campus.</i></p>	<p>NAMS</p>	 

<p>12:05 – 12:30pm</p> <p>CC MR3</p>	<p><i>Presenter:</i> Nicholas Klapatch</p> <p><i>Faculty Advisor:</i> Dr. Zheng Li</p>	<p>Investigating AI Applications' Performance on Embedded Devices</p> <p><i>Investigating the energy and time cost of running different artificial intelligence applications on resource-limited embedded devices.</i></p>	<p>BUSN/ TECHNOLOGY</p>	<p>◆</p> <p>◆</p>
<p>12:35 – 1:00pm</p> <p>CC MR3</p>	<p><i>Presenter:</i> Nichole Data</p> <p><i>Faculty Advisor:</i> Erin O'Hanlon</p>	<p>Student-Centered Education in an Atlantic City After-School Program</p> <p><i>This presentation chronicles the development, implementation, and lessons of progressive education in an Atlantic City-based after-school program.</i></p>	<p>SOBL/SCCESL/ EDUC</p>	<p>◆</p>
<p>12:35 – 1:00pm</p> <p>CC MR1</p>	<p><i>Presenter:</i> Madeline Ellis</p> <p><i>Faculty Advisor:</i> Dr. Thomas Nolan</p>	<p>Patient Simulations Incorporated into the Physical Therapy Curriculum at Stockton</p> <p><i>The goal of these simulations is to better prepare students for patient care through realistic experiences under faculty supervision that provide effective critiques of student performance.</i></p>	<p>HLTH</p>	<p>◆</p>
<p>12:35 – 1:00pm</p> <p>CC Theatre</p>	<p><i>Presenter:</i> Dr. Kevin Coopersmith</p>	<p>Personal Development Planning and Vertical Leadership Development</p> <p><i>Vertical leadership development is an emerging field of leadership development based on expanding an individual's ability to think, make decisions, collaborate, communicate, and lead in times of uncertainty and change.</i></p>	<p>EDUC/ LEADERSHIP</p>	<p>◆</p>
<p>1:05 – 1:30pm</p> <p>CC Theatre</p>	<p><i>Presenter:</i> Dr. Richard M. Miller</p>	<p>Relationships and Success</p> <p><i>Relationships affect success. According to Buscaglia, Pliskin, Twerski and others, one's relationship at home, school, work and in the community can make a difference in one's life.</i></p>	<p>GENS</p>	<p>◆</p>

# Pre-Recorded Presentations

Available via the [ORSP website](#)

Presenter(s)	Presentation Title / Description	School/Dept/Unit	Strategic Priority
<p><i>Presenter:</i> Mary Jane Murphy-Bowne</p> <p><i>Faculty Advisor:</i> Dr. Amy S. Ackerman</p>	<p>Using Interdisciplinary Visual Themes as Edutainment in Online Learning <i>Demonstration on how to use edutainment to increase attention and retention in interdisciplinary online learning modules by framing content in classic visual themes.</i></p>	<p>EDUC</p>	<p style="text-align: center;">◆</p>
<p><i>Presenters:</i> Eliza Osborne Mari Timney</p> <p><i>Faculty Advisors:</i> Dr. Megan K. Foti Dr. Sreelekha Prakash</p>	<p>Stockton University Interprofessional Health Assessment Team <i>Improve health outcomes for older adults by developing a healthcare workforce that maximizes patient and family engagement, and by integrating geriatrics and primary care.</i></p>	<p>HLTH/ INTERPROFESS. EDUCATION (IPE)</p>	<p style="text-align: center;">◆</p>
<p><i>Presenters:</i> Jenna Dizinno Madison Ellis Paul Harris Amanda Janiszewski Arianna Srinivasan Brooke Wasco</p> <p><i>Faculty Advisor:</i> Dr. Mary Lou Galantino</p>	<p>Yoga for Chronic Low Back Pain <i>Nonspecific low back pain (NSLBP) is a prevalent condition affecting people of all ages, occupations, socioeconomic statuses, and genders. New evidence suggests Hatha yoga may be a preferable treatment for NSLBP in improving physical functioning.</i></p>	<p>HLTH</p>	<p style="text-align: center;">◆</p>

<p><i>Presenters:</i> Aline Jackson RJ Bohnert Keith Baltazar Hector Pagoada</p> <p><i>Faculty Advisor:</i> Dr. Mary Lou Galantino</p>	<p><b>Blood Flow Restriction: Knee Osteoarthritis Considerations</b> <i>An extensive literature review explored if Blood Flow Restriction (BFR) training could have better outcomes in reducing pain and increasing strength compared to physical therapy without BFR for individuals over 50 years of age living with knee osteoarthritis (OA).</i></p>	<p>HLTH</p>	
<p><i>Presenters:</i> Harlee York Kennedy Ilagan Megan Palmer Amy Walczak Daniela Mesa Elena Carrasquillo</p> <p><i>Faculty Advisor:</i> Dr. Mary Lou Galantino</p>	<p><b>Parkinson's Disease: LSVT-BIG Therapy vs. High-Intensity Exercise</b> <i>Does high intensity exercise have more successful outcomes than LSVT-BIG therapy in functional walking and balance in patients with Parkinson's Disease (PD)? LSVT BIG is an intensive, one-on-one treatment created to help people with PD and other neurological conditions address balance and other activities of daily living (writing, dressing, getting up from low surfaces) or job-related tasks.</i></p>	<p>HLTH</p>	
<p><i>Presenters:</i> Carlo Blaquera Dana Colorio</p> <p><i>Faculty Advisor:</i> Dr. Mary Lou Galantino</p>	<p><b>Strength Training vs Yoga for Post-Menopausal Women with Osteoporosis</b> <i>Is strength training more superior than yoga in improving bone mineral density (BMD) in post-menopausal women with osteoporosis? Through our synthesis of research findings, we concluded that strength training was not superior to yoga in improving BMD for our population.</i></p>	<p>HLTH</p>	

<p><i>Presenters:</i>  Natasha Chiriboga  Alyssa M. Edwards  Connor Matthew Pagkalinawan  Lucas Piekarek  Elizabeth Pilato</p> <p><i>Faculty Advisor:</i>  Dr. Mary Lou Galantino</p>	<p>Virtual Reality vs. Strength Training for Children with Cerebral Palsy  <i>Is virtual reality more effective in treating children with cerebral palsy (CP &lt;18 years of age) to improve balance compared to traditional strength training? Following a rigorous literature review and ranking of the evidence, results show that neither intervention was superior.</i></p>	<p>HLTH</p>	
<p><i>Presenters:</i>  Tom Corbisiero  Frank Poveromo  Chris Kerr  Marcus Molyneux  Tobias Chislom  Enrique Fiallos</p> <p><i>Faculty Advisor:</i>  Dr. Mary Lou Galantino</p>	<p>Risk Factors for Shoulder Injuries in the Overhead Athlete  <i>The primary goal of this literature review and synthesis was to identify risk factors in overhead athletes that may lead to shoulder injuries.</i></p>	<p>HLTH</p>	
<p><i>Presenter:</i>  Dr. Adalaine Holton</p>	<p>The Liberatory Power of Historical Recovery in Arna Bontemps' <i>Black Thunder</i>: A Novel of Slave Rebellion  <i>A fictionalized account of a planned revolt led by an enslaved man named Gabriel. Bontemps treats written historical records with skepticism, calling attention to the ways that written records of rebellion were both shaped and preserved by historical actors.</i></p>	<p>ARHU</p>	
<p><i>Presenter:</i>  Joshua Smith</p> <p><i>Faculty Advisor:</i>  Dr. Zheng Li</p>	<p>Public Transit Prediction during COVID-19 Pandemic  <i>The goal is to create a machine learning model that processes data that is related to public transportation demand (unemployment rates, gas prices) in relation to the COVID-19 pandemic.</i></p>	<p>BUSN/  TECHNOLOGY</p>	

<p><i>Presenter:</i> Calli Votta</p> <p><i>Faculty Advisor:</i> Dr. Loretta Mooney</p>	<p>Training Stockton Students on the Suicide Prevention Gatekeeper Training ‘QPR’ (Question, Persuade, Refer)</p> <p><i>QPR is designed to teach participants to recognize suicide warning signs and how to respond.</i></p>	<p>SOBL</p>	
<p><i>Presenters:</i> Dr. Kimberley Schanz Jenna Martino</p>	<p>Impact of Media and Sexual Orientation of Rape Victims and Offenders on Blame and Punishment</p> <p><i>Research has indicated that what someone watches on television can impact their perceptions of similar, real-life events and that gender has an impact on perceptions of the victim and the offender of a sexual assault.</i></p>	<p>SOBL</p>	
<p><i>Presenter:</i> Dr. Yuli Zhang</p>	<p>Concave or Convex? The Impact of Display Surface Curvature on Social Appeals’ Persuasion</p> <p><i>I investigate how the curvature (concave vs convex) of a display surface influences the persuasion of the marketing appeals presented on it.</i></p>	<p>BUSN</p>	

# Poster Presentations

*\*Faculty/ students will be available to answer questions during Poster Presentations from 9:00 – 10:00am*

*\*\*Posters will also be available to view all day in the Campus Center Event Room*

Presenter(s)	Presentation Title	School/Department/ Unit	Strategic Priority
<p><i>Presenter:</i> Dr. Joseph J. Trout</p>	<p>Comparison of an Online Astronomy Course and a Face-to-Face Astronomy Course <i>Comparing the outcomes of students in a traditional lecture-style Astronomy course to a completely online course.</i></p>	<p>NAMS</p>	<p style="text-align: center;">◆</p>
<p><i>Presenter:</i> Courtney Weber</p> <p><i>Faculty Advisor:</i> Dr. Joseph J. Trout</p>	<p>Predicting the First and Last Frost using Historical Data and Numerical Weather Predictions <i>We look at the use of historical data and the Weather Research and Forecasting (WRF) Model to predict the seasonal frosts.</i></p>	<p>NAMS</p>	<p style="text-align: center;">◆</p>
<p><i>Presenters:</i> Gracie Buondonno Amna Haider Katie Ormond</p> <p><i>Faculty Advisor:</i> Dr. Joseph J. Trout</p>	<p>Continuation of the Analysis and Comparison of Light Intensity Spectra Using Fourier and Wavelet Analysis <i>This poster demonstrates our research analyzing the light intensity spectra of stars with data provided by the Kepler Space Telescope.</i></p>	<p>NAMS</p>	<p style="text-align: center;">◆</p>

<p><i>Presenter:</i> Yasmin Mourad</p> <p><i>Faculty Advisor:</i> Dr. Diane Imburgio</p>	<p>Scholarly Review of Literature: Which Genetic Components Contribute to Socialization? <i>A literature review that focuses on the emergence of common genetic themes associated with social behavior in animals including humans.</i></p>	<p>NAMS</p>	
<p><i>Presenter:</i> Danielle Dyson</p> <p><i>Faculty Advisor:</i> Kimberly McKenna</p>	<p>Wind Driven Effects on Turbidity Across New Jersey Coastal Bays <i>This investigation for the NJDOT sought to determine turbidity risk on aquatic vegetation and the benthic community.</i></p>	<p>NAMS</p>	
<p><i>Presenters:</i> Josh Leavy</p> <p><i>Faculty Advisor:</i> Dr. Shaoping Zhao</p>	<p>Amazon Cutting-Edge Technology <i>We will examine Amazon's rise to market dominance through the technology known as Amazon Web Services.</i></p>	<p>BUSN</p>	
<p><i>Presenter:</i> Christina Pereira</p> <p><i>Faculty Advisors:</i> Dr. Nusret Sahin Dr. William McKnight Dr. Jess Bonnan-White</p>	<p>Procedural Justice <i>Procedural justice trainings are offered to police officers to provide a more well-rounded foundation to improve their interaction with community members.</i></p>	<p>ARHU/SOBL</p>	
<p><i>Presenter:</i> Nichole Data</p>	<p>Future Leaders Program of Atlantic City <i>After-school program with the Salvation Army providing enrichment structure and support for underserved youth.</i></p>	<p>SOBL</p>	

<p><i>Presenters:</i> Alexis Clayton Barbara Arellano</p> <p><i>Faculty Advisor:</i> Dr. Janice Joseph</p>	<p>Mothers Against Drunk Driving <i>The victim impact panel program follows a restorative justice model and gives crime victims the opportunity to speak face-to-face about the crime's impact upon themselves, their families, friends, and the community as a whole.</i></p>	SOBL	◆
<p><i>Presenters:</i> Ashley Harkins Gloria Santos</p> <p><i>Faculty Advisor:</i> Dr. Janice Joseph</p>	<p>Services for College Students who are Victims of Sexual Violence <i>Every year students are victimized on college campuses across the United States. We will discuss the services available on college campuses for students who are victims of sexual violence.</i></p>	SOBL	◆
<p><i>Presenters:</i> Brianna Bracey Lisa Kaditus</p> <p><i>Faculty Advisor:</i> Dr. Janice Joseph</p>	<p>Services for Male Sexual Assault and Rape Survivors <i>About 3% of American men have experienced rape and sexual assault. Like their female counterparts, they experience the traumatic after-effects of their sexual experiences. We will discuss the services that are available for male survivors.</i></p>	SOBL	◆
<p><i>Presenters:</i> Dana Madonia Tim Perkins</p> <p><i>Faculty Advisor:</i> Dr. Janice Joseph</p>	<p>Victim-Offender Dialogues <i>VOD is a process in which the victim of a crime and the offender who committed the offense meet face-to-face in a safe and secure setting. The VOD can provide a pathway for healing and justice for the victim.</i></p>	SOBL	◆

<p><i>Presenters:</i> Edmond Fellona Chase Dupont</p> <p><i>Faculty Advisor:</i> Dr. Janice Joseph</p>	<p>Victim Impact Statement <i>A victim impact statement allows the victim to have input into the sentencing process.</i></p>	<p>SOBL</p>	
<p><i>Presenters:</i> Mary Vides Gomez Dean Luciano</p> <p><i>Faculty Advisor:</i> Dr. Janice Joseph</p>	<p>National Services for Abused Elderly Victims <i>We will discuss the services available for victims of elder abuse.</i></p>	<p>SOBL</p>	
<p><i>Presenters:</i> Jordan Magasano Sarabjit Singh-Ramirez</p> <p><i>Faculty Advisor:</i> Dr. Janice Joseph</p>	<p>Domestic Violence Services for Male Victims <i>We will examine types of victim services available to male victims of domestic violence.</i></p>	<p>SOBL</p>	
<p><i>Presenters:</i> Megan Rudden Dana Breslau</p> <p><i>Faculty Advisor:</i> Dr. Janice Joseph</p>	<p>Services for Female Victims of Domestic Violence <i>We will discuss some of the services available for female victims in New Jersey.</i></p>	<p>SOBL</p>	

<p><i>Presenters:</i> Molly Spaschak</p> <p><i>Faculty Advisor:</i> Dr. Janice Joseph</p>	<p>The Delivery of Services to Victims of Domestic Violence During COVID-19</p> <p><i>We will examine the changes in the delivery of services to victims during the COVID-19 pandemic.</i></p>	<p>SOBL</p>	
<p><i>Presenters:</i> Nicolette Heinen Mia Simila</p> <p><i>Faculty Advisor:</i> Dr. Janice Joseph</p>	<p>Federal Services for Victims of Human Trafficking</p> <p><i>We will examine the different types of federal victim services that are available to victims of human trafficking.</i></p>	<p>SOBL</p>	
<p><i>Presenters:</i> Olivia Krier Kimberly Calle</p> <p><i>Faculty Advisor:</i> Dr. Janice Joseph</p>	<p>Services for Victims of Police Violence</p> <p><i>We will discuss some of the services available for these victims and the challenges they face in trying to access these services.</i></p>	<p>SOBL</p>	
<p><i>Presenters:</i> Yesenia Pacheco Jada McClellan</p> <p><i>Faculty Advisor:</i> Dr. Janice Joseph</p>	<p>Services for Victims of Mass Shootings</p> <p><i>We will identify some of the services available for the primary and secondary victims of mass shootings.</i></p>	<p>SOBL</p>	

<p><i>Presenters:</i> Kellie Holsten Olivia Huffman</p> <p><i>Faculty Advisor:</i> Dr. Megan Foti</p>	<p>COVID-19's Impact on Older Adults <i>Occupational therapy (OT) graduate students and their faculty mentor have been working directly with community-dwelling older adults throughout the COVID-19 pandemic to combat the negative impact the pandemic has had on older adults.</i></p>	<p>HLTH</p>	
<p><i>Presenters:</i> Melanie Patterson Brittany Young</p> <p><i>Faculty Advisor:</i> Dr. Megan Foti</p>	<p>Changes in Nonmotor Symptoms Following an 8-Week Yoga Intervention for People with Parkinson's Disease: A Critically Appraised Paper <i>This poster presentation highlights a Critically Appraised Paper related to an 8-week study of Hatha yoga intervention's effectiveness in management of PD symptoms and its impacts on health-related quality of life (HRQoL).</i></p>	<p>HLTH</p>	

Thank You!

*Thank you to all the presenters, faculty advisors, staff, students, and volunteers who helped to make the 2022 Day of Scholarship a successful and memorable event!*



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