

20<sup>th</sup> Annual  
Day of Scholarship

*Find Your*

2020

V I S I O N

Thursday, April 2, 2020

# QUICK GUIDE

Thursday, April 2nd, 2020

| Time  | Poster Presentations & Welcome Breakfast - Main Event Room  |  |   |  |  | Time  |               |
|---|---|--|---|--|--|---|---------------|
| <u>Room</u>   |   |  |   |  |  |   |               |
|   | CC1   | CC2  | CC3   | CC4  | CC5  | Theatre   |               |
| 9:00 - 10:00  | <b>Poster Presentations &amp; Welcome Breakfast - Main Event Room</b>   |  |   |  |  | 9:00 - 10:00  |               |
| 10:05 - 10:30   | <b>Cummings, Cristina NAMS<br/>Cummings, Timothy NAMS</b><br><i>Practical Hydroponics: A Team- and Project-Based Approach to Learning</i>             | <b>Castillo, Maria ARHU</b><br><i>Creative Ways to Use Music in the Language Classroom</i>   | <b>Lyke, Jennifer SOBL</b><br><i>Ego Dissolution Experiences as a Moderator of the Mortality Salience Effect - Research Findings</i>                            | <b>***Latourette, Audrey Wolfson BUSN</b><br><i>"The 150th Anniversary of Women's Participation in the Legal Profession in the United States: Historical and Contemporary Perspectives."</i> | <b>* Kalibatseva, Zornitsa SOBL</b><br><i>The Role of Race/Ethnicity and Acculturation in Different Types of Stigma and Mental Health Service Utilization</i>        |  | 10:05 - 10:30 |
| 10:35 - 11:00   | <b>Dissen, Anthony HLTH</b><br><i>Engaging Students in Community Research: First Year Impact of COSI Project</i>                                      | <b>Song, Xu ARHU</b><br><i>Intercultural Crisis Communication Case Study: Analysis of the Reactive Relationship Management and Conflict Positioning Strategies for H&amp;M Marketing Campaign Crisis</i> | <b>* Jackson, Christina SOBL</b><br><i>The Legacy of Segregation and Redlining in Atlantic City</i>   | <b>Chen, Jiajin BUSN</b><br><i>REIT Dividend Payout: Evidence from Asia Market</i>   | <b>Brzozowski, Kathryn SOBL</b><br><i>Technology and Ethics: Implications for Social Work</i>  |   | 10:35 - 11:00 |
| <b>11am to 1pm - Beverages / Light Snack - Campus Center Main Lobby</b> |   |  |   |  |  |   |               |
| 11:05 - 11:30   | <b>* Padden-Denmead, Mary HLTH</b><br><i>The Lived Experience of Parenting the Rainbow Baby in the NICU Post Perinatal Loss: Preliminary Findings</i> |  | <b>Kaiser, Elma SOBL</b><br><i>Minority Female Student's Learning in the Current Political and Social Environment: Looking Through Intersectionality Theory</i> | <b>Kubricki, Stephen BUSN</b><br><i>The Impact of Socio-Economic and Other Factors on Water Quality</i>  | <b>Cydis, Susan EDUC<br/>Meyers, Shelly EDUC<br/>Haria, Priti EDUC</b><br><i>The impact of experiential-based learning in improving essential skill competences.</i> | <b>Allison, Donnetrice ARHU</b><br><i>West Africa Study Tour Reflections</i>        | 11:05 - 11:30 |
| 11:35 - 12:00   | <b>Barney, Robert SOBL</b><br><i>Assessing Outcomes for Short Term International Faculty Led Programs</i>   |  | <b>* Dunkle, Jennifer SOBL</b><br><i>Health and Social Service Needs of LGBTQ+ elders in South Jersey</i>   | <b>Pope, Cynthia EDUC</b><br><i>Pre-Service Teacher Beliefs About Phonics Instruction and their Decisions for Beginning Reading Practices</i>  | <b>Miller, Richard GENS</b><br><i>Touch a Life! Make a Difference!</i>   |   | 11:35 - 12:00 |
| 12:05 - 12:30   | <b>Fahey, Susan SOBL</b><br><i>Hate Crime Over Time by US State</i>   | <b>Harris, Christina ARHU</b><br><i>Digital Pan-Africanism in Contemporary African American Travel Discourse</i>   | <b>Greene, Laurie SOBL</b><br><i>A Mile in Our Shoes: HIV/AIDS Stories from Atlantic City</i>   | <b>Sweet, Sequetta EDUC</b><br><i>Using Guided Critical Reflection to Unlearn and Learn</i>  | <b>Rosenthal, Gail GENS</b><br><i>Rescue, Resistance, and Resilience During the Holocaust</i>  |   | 12:05 - 12:30 |
| 12:35 - 1:00  | <b>Calicdan-Apostle, Guia SOBL</b><br><i>Infographic as an Effective Multimodal Learning Tool for Advocacy</i>  |  | <b>Madan, Manish SOBL</b><br><i>Sexual Harassment: Psychological Response and Coping Mechanism among College Students</i>                                       | <b>Fotia, Dennis CLD</b><br><i>Using Formative Assessment and the Blackboard Grade Center to Improve Student Retention and Success.</i>  |  |   | 12:35 - 1:00  |

\*Funded by Internal Award \*\* Funded by External Award

## GUIDE BOOK

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### 20<sup>th</sup> Annual Day of Scholarship



### QUICK GUIDE

|           |                              |  |
|-----------|------------------------------|--|
| 9-10:00am | <b>Poster Presentations:</b> | Campus Center Main Event Room                            |
| 9-11:00am | <b>Welcome Breakfast:</b>    | Campus Center Main Event Room                            |
| 10-1:00pm | <b>Oral Presentations:</b>   | Campus Center Meeting Room 1, 2, 3, 4, 5 and the Theatre |
| 11-1:00pm | <b>Refreshments:</b>         | Campus Center Main Event Room                            |

◆ Learning

◆ Engagement

◆ Global Perspectives

◆ Sustainability

◆ Research

9:00 – 10:00

CC Main Event Room

Breakfast and **POSTER PRESENTATIONS** (see poster section for descriptions)

| Time          | Rm # | Presenter (s)   | Title  | Discipline |
|---------------|------|---|--|------------|
| 10:05 – 10:30 |      |   |  |            |
|               | CC1  | *Cummings, Cristina – NAMS<br>Timothy Cummings – NAMS | <b>Practical Hydroponics: A Team- and Project-Based Approach to Learning</b><br><i>We will describe an experiential learning approach employed in our General Studies Practical Hydroponics course. Student teams design, build, and run their own hydroponics systems for the duration of the course, and then reflect on the profitability of their creations.</i>   | ◆ General  |
|               | CC2  | Castillo, Maria – ARHU                                | <b>Creative Ways to Use Music in the Language Classroom</b><br><i>Music can be used in the language classroom to enhance global awareness, to reinforce challenging grammar, to improve vocabulary and pronunciation, and to provide material for critical thinking in discussions and writing. Music also generates energy, interest and a lively atmosphere for engagement.</i>  | ◆ Pedagogy |
|               | CC3  | Lyke, Jennifer – SOBL<br>Trey Brasher                 | <b>Ego Dissolution Experiences as a Moderator of the Mortality Salience Effect - Research Findings</b><br><i>The presentation of research findings from a yearlong investigation into the potential moderation of The Mortality Salience Effect (of Terror Management Theory) by psychedelic or meditation induced ego dissolution experiences. Current psychopharmacology literature indicates previous psychedelic experiences marked by ego dissolution may moderate the effect by decreasing death anxiety.</i>  | ◆ Health   |
|               | CC4  | ***Latourette, Audrey<br>Woflson – BUSN               | <b>"The 150th Anniversary of Women's Participation in the Legal Profession in the United States: Historical and Contemporary Perspectives."</b><br><i>The legal and cultural barriers that confronted 19th century American women with respect to obtaining entrance to the legal profession were onerous. According to a noted scientist of the era from Thomas Jefferson University School of Medicine, women had heads "too small for intellect, but just big enough for love." In the inimitable language of the U.S. Supreme Court, women's "natural and proper timidity and delicacy" rendered them unfit to pursue the profession. While the 150th anniversary is celebrated, the contemporary effort to achieve equality in the legal arena continues to address issues regarding sexual harassment and gender discrimination.</i> | ◆ Business |
|               | CC5  | *Kalibatseva, Zornitsa – SOBL<br>Kristen Fleming      | <b>The Role of Race/Ethnicity and Acculturation in Different Types of Stigma and Mental Health Service Utilization</b><br><i>The current study is based on Kristen Fleming's distinction project. It aims to 1) identify differences in various types of stigma toward mental health treatment among racial and ethnic groups, 2) demonstrate how acculturation may explain differences in stigma toward mental health treatment, and 3) examine the relationship between acculturation and utilization of mental health services.</i>   | ◆ Health   |

10:35 – 11:00

|     |  |   |   |
|-----|--|---|---|
| CC1 | Dissen, Anthony – HLTH                       | <p><b>Engaging Students in Community Research: First Year Impact of COSI Project</b><br/> <i>The overarching goals for the COSI Project are to help undergraduate students begin to perceive of themselves as scholars and researchers. By teaming up with a Community Partner, students learn about how to conduct community-engaged research work and find opportunities to present their work in professional settings.</i></p>  | <span style="color: purple;">◆</span> General       |
| CC2 | Xu, Song – ARHU<br>Clementine Byrne          | <p><b>Intercultural Crisis Communication Case Study: Analysis of the Reactive Relationship Management and Conflict Positioning Strategies for H&amp;M Marketing Campaign Crisis</b><br/> <i>This intercultural case study research examined and analyzed the consumer relations management process of H&amp;M “Coolest Monkey in the Jungle” 2018 marketing campaign crisis. H&amp;M corporation’s racial conflict positioning strategies and brand imaging recovery tactics were critically evaluated by adopting the ROSTE public relations model. Research findings suggest a multinational corporation should follow essential procedures to strategically respond to consumer activism and appropriately manage racial conflict during and after an intercultural marketing campaign. Corporations should incorporate diversity and inclusivity policies to further extend and practice their corporate social responsibilities.</i></p> | <span style="color: blue;">◆</span> Social Issues   |
| CC3 | *Jackson, Christina – SOBL                   | <p><b>The Legacy of Segregation and Redlining in Atlantic City</b><br/> <i>The goal of this project is to describe the social and economic penalties in Black urban neighborhoods like the Northside in Atlantic City caused from past exclusionary residential efforts like redlining from the point of view of older residents. (This project was supported, in part, with funding from the Stockton Center on Successful Aging Faculty Research Scholars program.)</i></p>   | <span style="color: yellow;">◆</span> Social Issues |
| CC4 | Chen, Jiajin – BUSN                          | <p><b>REIT Dividend Payout: Evidence from Asia Market</b><br/> <i>Previous studies of real estate investment trust (REIT) on dividend policies have focused primarily on REITs listed in the United States (U.S.). This study focusses on the new emerging REITs market to examine the determinants of REITs dividend payout (selected from five regions in Asia). The preliminary findings demonstrate that the dividend payout level for these REITs is negatively associated with returns on assets which support the agency cost theory.</i></p>  | <span style="color: purple;">◆</span> Business      |
| CC5 | Brzowski, Kathryn – SOBL<br>Desiree Robinson | <p><b>Technology and Ethics: Implications for Social Work</b><br/> <i>The social work profession is known for adapting to and addressing psychosocial and environmental changes. This presentation will address the newest area to which social work is responding: the use of technology in ethical professional social work practice, education, and research.</i></p>  | <span style="color: purple;">◆</span> Social Issues |

|     |   |   |   |
|-----|---|---|---|
| CC1 | *Padden-Denmead, Mary – HLTH  | <b>The Lived Experience of Parenting the Rainbow Baby in the NICU Post Perinatal Loss: Preliminary Findings</b><br><i>Purpose: to present the preliminary findings from a phenomenological study investigating the experience of families who suffered a perinatal loss prior to parenting an infant hospitalized in a Neonatal Intensive Care Unit. Co Investigators: Ann Coyle, RN, and Stockton Alumna Erin Schermerhorn, RN, BSN – Co Author: Maria Caccavo, RN, BSN</i>  | <span style="color: purple;">◆</span> Health        |
| CC3 | Kaiser, Elma – SOBL<br>Jessica Potapa   | <b>Minority Female Student’s Learning in the Current Political and Social Environment: Looking Through Intersectionality Theory</b><br><i>This qualitative research project explores the experiences of female, minority students in the current social, political, and institutional environment. Having Intersectionality theory guiding this study, it also helped understand how the mutually constructing features, i.e. race, ethnicity, religion, gender, age shape these female students’ experience.</i>                                   | <span style="color: purple;">◆</span> Social Issues |
| CC4 | Kubricki, Stephen – BUSN<br>Mackenzie Ade<br>Steven Flynn<br>Anastasia Hultquist<br>Owen Nowalsky<br>Isabella Scheper | <b>The Impact of Socio-Economic and Other Factors on Water Quality</b><br><i>The goal of this project was to determine if socio-economic and other factors have an impact on the water quality in NJ Public Schools. The statistical analysis of the data revealed a significant relationship between socio-economic and other factors and the quality of the water in NJ school districts. Partner: Patricia Naples</i>  | <span style="color: purple;">◆</span> Health        |
| CC5 | Cydis, Susan – EDUC<br>Shelly Meyers – EDUC<br>Priti Haria – EDUC   | <b>The impact of experiential-based learning in improving essential skill competences.</b><br><i>The pilot study focuses on the impact of experiential-based learning in improving essential skill competences (e.g., critical thinking skills, creativity) for nine pre-service teacher candidates. The data indicates that working directly with public school teachers and school-age students not only helped pre-service teachers to make connections between theory and practice, but it also improved their essential skill competences.</i> | <span style="color: yellow;">◆</span> Education     |

**11:05 – 12:00**

|            |  |   |   |
|------------|--|---|---|
| CC Theatre | Allison, Donnetrice – ARHU<br>Rishon Bates<br>Morgan Rush<br>Beverly Vaughn – ARHU | <b>West Africa Study Tour Reflections</b><br><i>Faculty and students who attended the West Africa Study Tour in January 2020 will offer reflections and perspectives about their visit to Senegal and The Gambia. Tour participants will also discuss ways that Stockton University can further assist in important initiatives in those two countries and increase its global footprint. Finally, tour participants will share pictures and video footage from the trip.</i> | <span style="color: blue;">◆</span> Education |
|------------|--|---|---|

**11:35 – 12:00**

|     |  |   |   |
|-----|--|---|---|
| CC1 | Barney, Robert – SOBL<br>Jennifer Negron | <b>Assessing Outcomes for Short Term International Faculty Led Programs</b><br><i>This presentation will focus on reviewing the various measurement tools available to assess outcomes of short-term international programs. Tools that measure cognitive outcomes, beliefs and affective responses, and the behavioral change of students will be presented, and discussion will consider how assessment can be conducted across disciplines in a systematic manner.</i>   | <span style="color: cyan;">◆</span> Education     |
| CC3 | *Dunkle, Jennifer – SOBL                 | <b>Health and Social Service Needs of LGBTQ+ elders in South Jersey</b><br><i>This research projected consisted of focus groups with older LGBTQ+ adults in Southern New Jersey, to explore primary social service and healthcare needs, both now and in the future. Data are being used as part of a statewide needs assessment of LGBTQ+ older adults. This project was funded by SCOSA.</i>  | <span style="color: grey;">◆</span> Social Issues |
| CC4 | Pope, Cynthia – EDUC                     | <b>Pre-Service Teacher Beliefs About Phonics Instruction and their Decisions for Beginning Reading Practices</b><br><i>Phonics, the ability to associate letters with sounds, is a well researched component of effective reading pedagogical practice, and teacher beliefs about classroom phonics implementation plays an important part in its success. This presentation will demonstrate a research study design that includes pre-service teachers in a one-semester literacy development course, and looks to determine their evolving beliefs about phonics instruction, along with their plans for future reading instruction.</i> | <span style="color: grey;">◆</span> Education     |
| CC5 | Miller, Richard – GENS                   | <b>Touch a Life! Make a Difference!</b><br><i>The research (Buscaglia, Pliskin, Twerski, et al) indicates that our behavior can change our connections with others and affect success! Attendees will be able to describe and utilize behaviors and personal skills that influence connections with others.</i>   | <span style="color: grey;">◆</span> General       |

**12:05 – 12:30**

|     |   |   |   |
|-----|---|---|---|
| CC1 | Fahey, Susan – SOBL                                       | <b>Hate Crime Over Time by US State</b><br><i>The purpose of this research is to examine the manifestation of hate crimes in the US using officially recorded data from 1991 to 2017 by US state against varying political and social contexts. Further, an additional outcome will be to examine the contents of the Uniform Crime Report hate crime data and the crimes themselves.</i>   | <span style="color: grey;">◆</span> Social Issues   |
| CC2 | Harris, Christina – ARHU                                  | <b>Digital Pan-Africanism in Contemporary African American Travel Discourse</b><br><i>This study utilizes digital Pan-Africanism as new theory to examine the significant role that online publications and web-based communities can play in building and maintaining diasporic networks between Africans throughout the diaspora and explores its potential for asserting African agency and achieving structural, political and ideological freedom for humanity.</i>  | <span style="color: grey;">◆</span> Social Issues   |
| CC3 | Green, Laurie – SOBL<br>Conner Bachman<br>Rachael Statile | <b>A Mile in Our Shoes: HIV/AIDS Stories from Atlantic City</b><br><i>A Mile in Our Shoes: HIV/AIDS Stories from Atlantic city is a project that allows the voices of a hidden population, those living with HIV/AIDS in our local community to speak. The Project highlights the importance of the medical anthropological perspective, one that allows the recounting of the experience of illness. This lens allows us to see the structural violence which determines the nature of these experiences, and the way that the stigma of HIV/AIDS is the principle cause of suffering, rather than the virus itself.</i> | <span style="color: yellow;">◆</span> Social Issues |
| CC4 | Sweet, Sequetta – EDUC                                    | <b>Using Guided Critical Reflection to Unlearn and Learn</b><br><i>Critical reflection through journaling and collaborative discussions is a powerful augmentation to other classroom activities used to enhance student experiential learning. This project discusses how to engage students in guided critical reflection activities to enhance their unlearning, learning, growth and efficacy in a subject area.</i>  | <span style="color: grey;">◆</span> Pedagogy        |

◆ Learning

◆ Engagement

◆ Global Perspectives

◆ Sustainability

◆ Research

12:05– 1:00

|     |  |  |           |
|-----|--|--|-----------|
| CC5 | Rosenthal, Gail – GENS<br>Cassidy Hoff<br>Ryan Frost<br>Brianni Martinez | <b>Rescue, Resistance, and Resilience During the Holocaust</b><br><i>The history of the Holocaust always includes the life stories and choices of the perpetrators, victims, and bystanders. Often the role of those who resisted during WWII through acts of rescue and resilience are not included. Three students will highlight the rescue efforts of Irena Sendler and Janusz Korczak, Acts of resilience at the 1936 Olympics in Berlin will also be shared.</i> | ◆ History |
|-----|--|--|-----------|

12:35 – 1:00

|     |  |  |                 |
|-----|--|--|-----------------|
| CC1 | Calicdan-Apostle, Guia – SOBL<br>April Rook<br>Desirae Tor-Agbidye | <b>Infographic as an Effective Multimodal Learning Tool for Advocacy</b><br><i>Students in higher education are often required to apply higher-level thinking skills when writing papers. To demonstrate critical thinking and reflexivity, students in Advanced Cultural Competence wrote an assignment on heritage and power. They examined their cultural background and identified ways of empowering their clients through the use of infographics.</i>   | ◆ Technology    |
| CC3 | Madan, Manish – SOBL<br>Taylor Searles                             | <b>Sexual Harassment: Psychological Response and Coping Mechanism among College Students</b><br><i>This study examines the long-term psychological distress symptoms and coping mechanisms within the students who have reported experiencing sexual victimization (lifetime or in the past 12 months). Specifically, this paper analyzes relevant gender differences and differences within the class status (freshmen to graduate students). This research also categorizes an individual's response immediately post-victimization (e.g., avoidance, hyper-arousal, self-harm, or re-experiencing symptoms). Manish Madan is a credited partner for this project.</i> | ◆ Social Issues |
| CC4 | Fotia, Dennis – Ctr for<br>Learning Design                         | <b>Using Formative Assessment and the Blackboard Grade Center to Improve Student Retention and Success.</b><br><i>This presentation focuses on the use of formative assessment and the Blackboard Grade Center to assess student progress and improve student retention and success. The presenter used a formative assessment survey in weekly learning modules in an online course and monitored completion of the survey and communicated more frequently with students observing improved student progress, retention, and success.</i>  | ◆ Pedagogy      |

**POSTERS**



Learning



Engagement



Global Perspectives



Sustainability



Research

| Time  | Presenter (s)   | Title  | Discipline      |
|---|---|--|-----------------|
| 9:00 – 10:00 Campus Center Main Event Room – <b>POSTER PRESENTATIONS</b> (view all day) |   |  |                 |
|   | Bonnan-White, Jess – SOBL<br>Kaela Giles  | <b>Case Study: "Blue Skies" Communication - Sharing Emergency Management and Policing Policy Via Agency Websites</b><br><i>This case study presents the results of an analysis of websites representing 13 municipalities in one coastal New Jersey county. The analysis focuses on the communication of emergency preparedness, public health, and policing policy information to community residents during "blue skies" (non-crisis) periods.</i>   | ◆ Social Issues |
|   | *Bonnan-White, Jess – SOBL<br>Rosheka Faulkner  | <b>Using Service-Learning Projects to Develop Professional Writing: A Criminal Justice Case Study</b><br><i>This case study explores the impact of service-learning pedagogy on development of professional writing skills among undergraduate criminal justice students enrolled in service-learning and non-service-learning course sections.</i>  | ◆ Social Issues |
|   | *Calicdan-Apostle, Guia – SOBL<br>Kathy Klein, Ctr for Learning Design<br>Robert Castillo, Ctr for Learning Design                                    | <b>Development and Evaluation of a Student-Centered Syllabus</b><br><i>This presentation explores planning, designing and evaluating a syllabus template for use at Stockton University based on best practices and research. Participants will (a) identify components of effective syllabus design, (b) describe benefits of creating a syllabus to promote use of a well-designed, student-centered course syllabus and (c) discuss pilot test results regarding syllabus use.</i>  | ◆ Pedagogy      |
|   | Galantino, Mary Lou – HLTH<br>Arth Patel<br>Jake Rickett<br>Anthony De Rosa<br>Justin Baglivo   | <b>Are female soccer athletes who receive specific anterior cruciate ligaments (ACL) training programs less likely to suffer an ACL injury versus those that do not undergo training?</b><br><i>All evidence examined through Stockton databases supports prevention programs for adolescent females. This will help reduce the risk of injury to her ACL during soccer sports activities. Through the studies reviewed, we compiled best practices and developed a recommended prevention program including exercises that elevate to the highest level of evidence. This will foster a comprehensive training program for consideration by coaches and athletes.</i> | ◆ Health        |
|   | Galantino, Mary Lou – HLTH<br>Lindsay Roof<br>Jamie Roskos<br>Natalie Zanetti<br>Gina Irizarry<br>Mahogany Reevey<br>Chelsea Miller<br>Mallory Murphy | <b>Diastasis Recti: Exercise vs. Surgery</b><br><i>The research of treatment for diastasis recti (DR) had inconclusive results between exercises vs surgery due to the limited literature available on this topic. There was a positive relationship with treating DR with exercise however, more research needs to be conducted to make our findings significant.</i>   | ◆ Health        |



Learning



Engagement



Global Perspectives



Sustainability



Research

Galantino, Mary Lou - HLTH  
 Caitlyn Citta  
 Melissa Dweck  
 Vanessa Francesco  
 Dorothy Stump  
 Cassidy Troy  
 Juliana Wynkoop

**Does aquatic therapy alone or in addition to physical therapy enhance the quality of life of pediatric patient with cerebral palsy?**

Health

*The goal of this clinical question was to determine if aquatic therapy in addition to physical therapy would enhance the quality of life of a pediatric patient with cerebral palsy. The research revealed improvement in quality of life with the incorporation of aquatic therapy in addition to physical therapy. However, due to limited studies more research is needed.*

Galantino, Mary Lou – HLTH  
 Carly Egri  
 Leo Horowitz  
 Justin Maksimow  
 Ryan Worley

**Impact of Blood Flow Restriction therapy with Low Load Resistance Training on elderly patients with sarcopenia?**

Health

*Our main research goal was to determine the benefits of utilizing Blood Flow Restriction Therapy for individuals with sarcopenia and compare these results to traditional methods of therapeutic exercise. Overall, low load resistance training with Blood Flow Restriction Therapy can produce an equal effect of strength and hypertrophy gains compared to high load resistance training for older individuals with sarcopenia.*

Galantino, Mary Lou – HLTH  
 Jake Grotenboer  
 Christine Daly  
 Amanda El-Khoury  
 Anthony Baldachino  
 Peter Bennett  
 Gabriele Bandelli

**Meditative Movement Therapies & Fibromyalgia in the Knee Osteoarthritis Population**

Health

*The literature is conclusive in suggesting that Meditative Movement Therapies (MMTs) should not be discounted in the treatment of persons belonging to the Fibromyalgia (FMS) population. These therapies should be used in conjunction with traditional methods of treatment.*

Galantino, Mary Lou – HLTH  
 Kevin Pineda  
 Brian Reid  
 Franklin Roque  
 John Stahl  
 Christopher Zeck

**Implications of Prehabilitation for Total Knee Arthroplasty and Regenerative Medicine**

Health

*Does a prescribed prehabilitation program improve the outcomes of patients with knee osteoarthritis undergoing total knee arthroplasty compared to those who did not have a prehabilitation program? Can the literature inform changes in outcomes through prescribed pre-operative exercise (prehabilitation), for patients using regenerative medicine to treat knee osteoarthritis?*  
*Based on the research our group found stem cell therapy to serve as a safe and beneficial treatment option in the population of patients with knee OA. Prehabilitation is a construct excluded from stem cell treatment and thus we pose inclusion as it may progress advancement in the field of regenerative medicine.*

Garcia, Andrea - HLTH

**Putting Pieces in Place: The Graduate Jigsaw Classroom**

Pedagogy

*This graduate jigsaw classroom provides a safe space for learning, understanding, applying, and integrating foundational knowledge required for clinical practice. This self-directed learning strategy promotes levels of critical thinking, information literacy, teamwork and interdependence, and personal responsibility that traditional lecture learning does not accomplish.*

Goodnight, Christy – Library  
 Jeitner, Eric – Library  
 Jessica Klein

**Textbooks or Food: Students, Financial Hardship, & OERs**

*This poster advocates for wider adoption and use of open educational resources (OERs) in higher education and reflects the financial impact that traditional textbooks have on Stockton University students. OERs are textbooks & other resources that replace traditional textbooks & paid access to course materials.*

 General

\*\*Hallagan, John – NAMS  
 Gregory Fischer  
 Tait Chirenje – NAMS

**Emerald Ash Borer and Spotted Lanternfly Surveys at NJARNG and NJDMAVA Facilities**

*The goal of this project was to identify NJ Army National Guard (NJARNG) and NJ Department of Military and Veterans Affairs (NJDMAVA) facilities with Emerald Ash Borer (EAB) and/or Spotted Lanternfly (SLF) infestations. Results from these surveys were compiled into a formal report, including recommended action plans, maps, and photographs, which NJDMAVA will use to make educated pest management decisions at 34 properties throughout the state. This project took over 12 months to complete, including initial survey protocol development, fieldwork execution, data analysis, and report writing.*

 Science

\*Holtzman, Diane – BUSN  
 Ellen Kraft – BUSN

**Project-Based and Experiential Learning**

*Goals: 1) to explain the role of experiential and project-based learning (PBL) in classroom assignments that engage students in learning; students apply their knowledge gained from research, discussions and readings to realistic workplace situations 2) to illustrate the projects in experiential and PBL presented in the graduate level Marketing Communication and Social Media class and the undergraduate Risk Management and Insurance class.*

 Business

\*Ki, Wooseok – NAMS  
 Kathleen Ngo

**Highly Efficient, Rare-Earth-Free Sn(IV) Complexes for Potential Organic Light Emitting Devices**

*Rare earth metal organic complexes have been widely developed for efficient organic light emitting diodes (OLEDs) because of their tunable optical and electrical properties. However, rare earth element-based phosphors are expensive and in limited supply. For this reason, efficient rare earth free metal complexes have brought much attention. Recently we have developed new cost-effective, efficient Sn (IV) complexes, which exhibit green emission applicable in the fabrication of organic light emitting devices.*

 Science

Lewis, Jack – SOBL

**An Exploratory Study of Graduate Social Work Programs to Identify Methods Utilized in Teaching Students Culturally Competent Practice**

*The goal of this project was to examine methods utilized by graduate schools of social work to teach cultural competent practice to master social work students utilizing diversity content. This project provides limited information about specific methodologies that graduate schools of social work utilize to teach students the provision of culturally competent practice. This study also provides implication for continued research in this area on a broader scale.*

 Social Issues



Learning



Engagement



Global Perspectives



Sustainability



Research

Ludan, Lia – HLTH

**Chronic Pain Education of Adults in the Emergency Room**

*The purpose of the study was to educate registered nurses and emergency room nurse practitioners on how to treat and manage patients presenting with chronic pain, as well as to evaluate the perceived knowledge and responses to the educational program on chronic pain in the acute care settings.*

Health

\*Manson, J. Russell – NAMS  
Robert R. Ford

**Episodic disruption, stream physics and metabolism in Northern Italy's Venetian Plain: a field experiment and theoretical analysis**

*Data gathered from a "biologically active" tracer study is analyzed by a new mathematical model to elucidate stream physics and metabolism. [ Credits: Professor Andrea Marion and Eleonora Dallan, University of Padua]*

Science

\*Olson, Kory – ARHU  
Christian Adams

**South Jersey's Huguenot Settlers: The De Cou Family**

*The goal of this project as a whole has been to detail and uncover the history of huguenots (French Protestants) as they came and settled in New Jersey. Presented will be findings on the De Cou family, including their escape from persecution in France, dealings with William Penn, and their eventual impact on our area.*

History

\*Prakash, Sreelekha – HLTH  
Jane Ryzhik

**Disabilities in Older Adults**

*Observing Disabilities in Older Adults through a qualitative approach and comparing it to existing data. The data will be analyzed based on ADLs (activities of daily living) and IADLs (instrumental activities of daily living).*

Health

Sharon, Yitzhak – NAMS

**Systematics of the Ratio R of the Nuclear Electric Quadrupole Moment, Q(2), to the Square Root of the Reduced Transition Probability, B(E2;0→2).**

*The experimental value of R was investigated for all even-even nuclei. R is close to unity for each of the rotational rare-earth nuclei, as expected; for non-rotational nuclei, the absolute value of R is almost always considerably smaller than unity.*

Science

Tourtual, Jill – HLTH

**The Relationships of Parental Self-Efficacy, Parental Locus of Control, Children's Health-Promoting Behaviors, and Childhood Obesity**

*The purpose of this study was to explore the relationships among parental self-efficacy (PSE), parental locus of control (PLOC), children's health-promoting behaviors (CHPB), and children's weight group (healthy, weight, overweight, and obese).*

Health

\*Trout, Joseph – NAMS  
Colleen Lindenau  
Courtney Weber  
Gracie Buondonno  
Briena Feltner

**Fourier and Wavelet Analysis of Light Intensity Spectra of Stars**

*This poster demonstrates our research on analyzing the light intensity spectra of stars with data provided by the Kepler Space Telescope. We analyzed the stellar light curves using Fourier Analysis and Wavelet Analysis.*

Science



Learning



Engagement



Global Perspectives



Sustainability



Research

\*Trout, Joseph – NAMS  
Briena Feltner

### **The Urban Heat Island Effect and Community Gardens**

◆ Science

*As the popularity of organically and locally grown produce, there is increasing interest in urban community gardens and a number of community gardens in the city of Philadelphia, Pennsylvania have encountered problems with some produce that naturally mature, and should be ready for harvest, during the hottest part of the summer. This study is looking at the historical weather data from stations in Philadelphia to determine if there is any correlation between the crop failure and any heat island effects.*

Trout, Joseph – NAMS  
Gracie Buondonno

### **Active Learning, Near Peer Interaction and the Effectiveness of Student Teaching Assistants**

◆ Science

*In this research, we examine data surveyed to find the effectiveness of the student grader and teaching assistant programs. This is an active learning, near peer learning opportunity for undergraduates that have taken the class and are doing the grading are able to learn the material at a deeper level as they try to find and then correct the mistakes of their peers and the students who are being graded also benefit from this program from the additional assessment provided by the graders and from additional assignments provided by the professor.*

Trout, Joseph – NAMS  
Tara Jacobsen

### **The Development of a Hybrid Course in Astronomy**

◆ Science

*Physics students need to become more proficient in critical thinking and we developed a lab course which will enhance students' proficiency in critical thinking. Our Astrophysics course which will be implemented at Stockton University and makes use of Stockton University's observatory as a tool in the lab assignments and is a hybrid course providing students with a self-paced learning experience.*

\*Wei, Helen – BUSN  
Karan Khullar  
Randy Champagne  
Brendan Hayek

### **Twitter Mental Health Cloud Based Analysis**

◆ Technology

*Uses data obtained hourly from the Twitter API to analyze how people are talking about certain mental illnesses on social media. We believe that people are much more open on social media regarding a topic that is sometimes hard to talk about in real life.*

Wei, Helen – BUSN  
Giuseppe Guerini  
Steven Runyon  
Jake Collier  
Leah Starnes

### **Drug Association and Cooccurrence in Clinical Trials**

◆ Health

*Drug sets are extracted from clinical trials using natural language processing, and cooccurrences and association rules are identified.*

Zhao, Shaoping – BUSN

### **Three Types of Joint Ventures**

◆ Business

*There are three types of Joint Venture (JV) in business, i.e. Shared JV, Dominant JV, and Independent JV. The paper presents these JVs through a theoretical modeling approach.*





Thank you Presenters, Faculty, Staff and Students who help make the Day of Scholarship a successful event.

