









-  Inclusive Student Success    
  Diversity & Inclusion    
  Teaching & Learning    
  Strategic Enrollment Management  
 Financial Sustainability    
 Campus Community, Communication & Shared Governance

Presenter (s)	Title	Discipline
**Demitroff, Mark – NAMS Cicali, Michael - NAMS	<b>Late Pleistocene Ice-Marginal Dune Fields on the Atlantic Coastal Plain, New Jersey Pine Barrens, USA</b> <i>Little-known hairpin parabolic dunes evolved on the flat sandy terrain of the Pine Barrens' wind-etched landscape during cold, dry glacial episodes. We are characterizing dune extant in collaboration with eolian geomorphologists Stephen Wolfe (National Resources Canada), Barbara Woronko (Warsaw University), and Dorota Chmielowska (University of Crakow).</i>	Science 
Galantino, Mary Lou - HLTH Randi Lyn Hornyak, Shera Jang, Reed Kanakis, Christine Mac	<b>Incorporating Functional Electrical Stimulation with Traditional Gait Training Methods for Patients with Incomplete SCI</b> <i>Does implementing functional electrical stimulation (FES) into gait training rehabilitation for patients with incomplete spinal cord injury improve gait parameter outcomes greater than traditional gait training methods alone? Our review of current literature suggests that FES can be an effective adjunct therapy for gait training in patients, post-SCI.</i>	Health 
Galantino, Mary Lou - HLTH Alexis Medina, Ching Wai, Clara Morgan, Melanie Iatarola	<b>Impact of Music Therapy on Stroke Rehabilitation</b> <i>The aim of our research was to determine if the implementation of music therapy (MT) combined with physical therapy would be more effective at improving upper extremity motor function and quality of life of patients with stroke compare to physical therapy alone.</i>	Health 
Galantino, Mary Lou – HLTH Emily Brand, Paolo Hinahon, Raleigh Sadang	<b>Spinal Manipulation for Low Back Pain</b> <i>Our goal was to determine if spinal manipulation was an effective long-term treatment in patients with chronic low back pain compared to other therapeutic techniques. We determined through the literature while this is effective, patients with back pain require a multi-modal approach to overall management of back pain. This presentation will share the latest evidence for individuals suffering from this condition.</i>	Health 
Galantino, Mary Lou – HLTH Brooke Nolan, Caroline Castro, Chris Bajada, Grace Kim	<b>Schroth Method for Adolescent Idiopathic Scoliosis</b> <i>Our goal was to determine if the Schroth method was more effective in reducing Cobb angles in patients with adolescent idiopathic scoliosis than traditional physical therapy exercises. This is a highly specialized technique which requires training and while the evidence supports this intervention as superior in studies, similar gains are purported for traditional PT. An interprofessional approach to adherence of stretching and a consistent home exercise is key to successful outcomes.</i>	Health 
Galantino, Mary Lou – HLTH Corinne Russo, Gina Santoro, Jared Devita, Max Kozlovsky, Alexander Gong	<b>Blood Flow Restriction for the Use of Anterior Cruciate Ligament Reconstruction</b> <i>With an increased prevalence of Anterior Cruciate Ligament tears, the goal of our research was to see if the use of Blood Flow Restriction in conjunction with traditional Physical Therapy would result in increased strength and an accelerated recovery time for discharge. Our research found that the use of Blood Flow Restriction when used with Physical Therapy allowed patients to achieve higher load resistance training at an accelerated rate, as compared to traditional Physical Therapy alone.</i>	Health 
Galantino, Mary Lou – HLTH Amelia Steelman, Ariel Camaligan, Brittany Nycz, Holly McBrearty, Olivia Horant	<b>Virtual reality therapy for patients with Parkinson's Disease</b> <i>The purpose of this study was to determine if virtual reality rehabilitation for patients with Parkinson's disease (PD) is more effective in improving stride &amp; step length than traditional physical therapy. Regarding the use of VR as an effective intervention for patients with PD to improve gait, specifically step length, is evidently successful, but requires further research due to the literature showing inconsistent results for the amount of time needed to see a significant improvement.</i>	Health 
Galantino, Mary Lou – HLTH Matthew Cohen, Austin Jennis, Brandon Young, Theresa Abapo	<b>Robotics and SCI</b> <i>A summary of existing research analyzing the effectiveness of robotic assisted gait training compared to traditional physical therapy gait training techniques in patients with spinal cord injuries. Conflicting evidence exists between various studies regarding the efficacy of robotic assisted gait training compared to traditional physical therapy gait training techniques resulting in an inability to determine the optimal treatment technique for individuals recovering from spinal cord injuries.</i>	Health 


Galantino, Mary Lou – HLTH Alexandra Desmond, Jasper Orcino, Nicole Pallante, Jude Pino	<b>Psychologically Informed Physical Therapy Interventions &amp; ACLR Return to Sport Outcomes</b> <i>We investigated the use of psychologically informed PT interventions in conjunction with physical rehabilitation focusing on athletes recovering from ACL repairs in improving their levels of self-efficacy and return to sport (RTS) outcomes. Our research highlights the importance of addressing the psychological aspects of RTS for successful outcomes.</i>	Health	◆
Gipson-Jones, Trina – HLTH	<b>Work-Family conflict, job satisfaction and psychological well-being in African American nurse attending college</b> <i>This secondary data analysis study's primary goal is to determine if either positive or negative work-to-family spillover was significantly predictive of psychological well-being after controlling for the level of job satisfaction reported by the nurses. The researcher hypothesized negative work to family spillover would be the best predictor of psychological well-being. Using a hierarchical multiple regression on overall psychological well-being using a total score on the Ryff 14-item Psychological Well-Being scale, the researcher found negative work-to-family spillover was significantly predictive of overall psychological well-being after controlling for job satisfaction (R2 change =0.21; F for change (1,48) = 12.86; p = .001; <math>\eta^2 = 0.09</math>, <math>p = 0.507</math>) in these nurses.</i>	Health	◆
Goodnight, Christy – Library Jeitner, Eric – Library	<b>Textbooks vs. Food: Students, Financial Hardships, &amp; OERs</b> <i>This poster advocates for wider adoption and use of open educational resources (OERs) in higher education, utilizing the findings of a campus-wide survey on the financial impact of traditional textbooks costs on Stockton University students. OERs are textbooks and other resources that replace traditional textbooks and/or paid access to course materials.</i>	General	◆
Holtzman, Diane – BUSN Kraft, Ellen – BUSN	<b>Experiential and Project Based Learning</b> <i>This presentation will discuss how experiential and project-based learning were incorporated into a graduate-level marketing communication course and an undergraduate, upper-level, insurance course.</i>	Business	◆
*Li, Zheng – BUSN Joshua Smith	<b>Detecting and Tracking Shooters with Deep Machine Learning Techniques</b> <i>The goal of this project is to create a website where a user can upload a photo or video which then is processed by a machine learning model to detect any people with guns in the image. If detected, then the website will return back a box around the person who is holding the gun.</i>	Technology	◆
Matsumoto, Craig – HLTH Briann Skiba	<b>Neonatal Abstinence Syndrome: A Clinical Review</b> <i>Neonatal Abstinence Syndrome (NAS) is diagnosed every 19 minutes in the United States. Both short and long-term costs for the care of these children is a significant burden on their families and the health care system. This work serves to educate future healthcare professionals about NAS and identify causes, potential complications, treatments, and interventions.</i>	Health	◆
Mooney, Loretta – SOBL Erin Sochocky	<b>Increasing Suicide Awareness and Prevention During a Global Pandemic Using a Documentary on Lived Experience and a Discussion Panel</b> <i>The COVID-19 pandemic has increased mental health issues. In response, this presentation will examine the use of a documentary on lived experience and a discussion panel to increase awareness about suicide and prevention.</i>	Social Issues	◆
Musher, Sharon – ARHU Samantha LeRoy, Rory Hynes, Eric D'Arminio, Raymond Shebell, Shanna Van Horn	<b>Historical Studies Lightning Round</b> <i>Students finishing this year-long capstone course will share 4-minute pre-recorded descriptions of their thesis, including discussion of their sources, methods, and arguments. Papers focus on the criminalization of sex work in the early 20th century, the relationship between consumerism and punk, Islamophobia post-9/11, the evolution of Roman medicine from religion to science, and misinformation during the Spanish Flu. Students will present their work and field questions in their thesis class during the Day of Scholarship. To join them via live Zoom from 11 am -12 pm register <a href="#">here</a> to receive a unique link.</i>	History	◆
Nolan, Thomas – HLTH John Stahl	<b>Survey of Physical Therapist's Use of Neuromuscular Electrical Stimulation for Quadriceps Muscle Strengthening Following Anterior Cruciate Ligament Surgical Reconstruction.</b> <i>The goal of this study is to determine if physical therapists are following clinical practice guidelines that recommend the use of neuromuscular electrical stimulation (NMES) for the rehabilitation of the knee for people who have had anterior cruciate ligament surgical reconstruction, and identify factors that may limit the use of NMES during rehabilitation. Results of 54 completed surveys indicated 26 out of 54 respondents were aware of the clinical practice guideline; 29/54 use NMES for their patients, and those that did not indicated "equipment not available" and "lack of time" as reasons for not using NMES.</i>	Health	◆

---

\*\*\*Padden-Denmead, Mary -  
HLTH

**Parenting a Rainbow Baby in the NICU Post Perinatal Loss**

*Purpose: To present the 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; and student co-author, Maria Caccavo, RN, BSN, MSN student.*

Health 

---

\*\*Prakash, Sreelekha – HLTH  
Cassandra Bodner, Amanda  
Maurer

**Is substance use and misuse an issue in young adults?**

*In progress Stockton IRB approved research project exploring and reviewing the impact of substance use and misuse in young adults.*

Health 

---