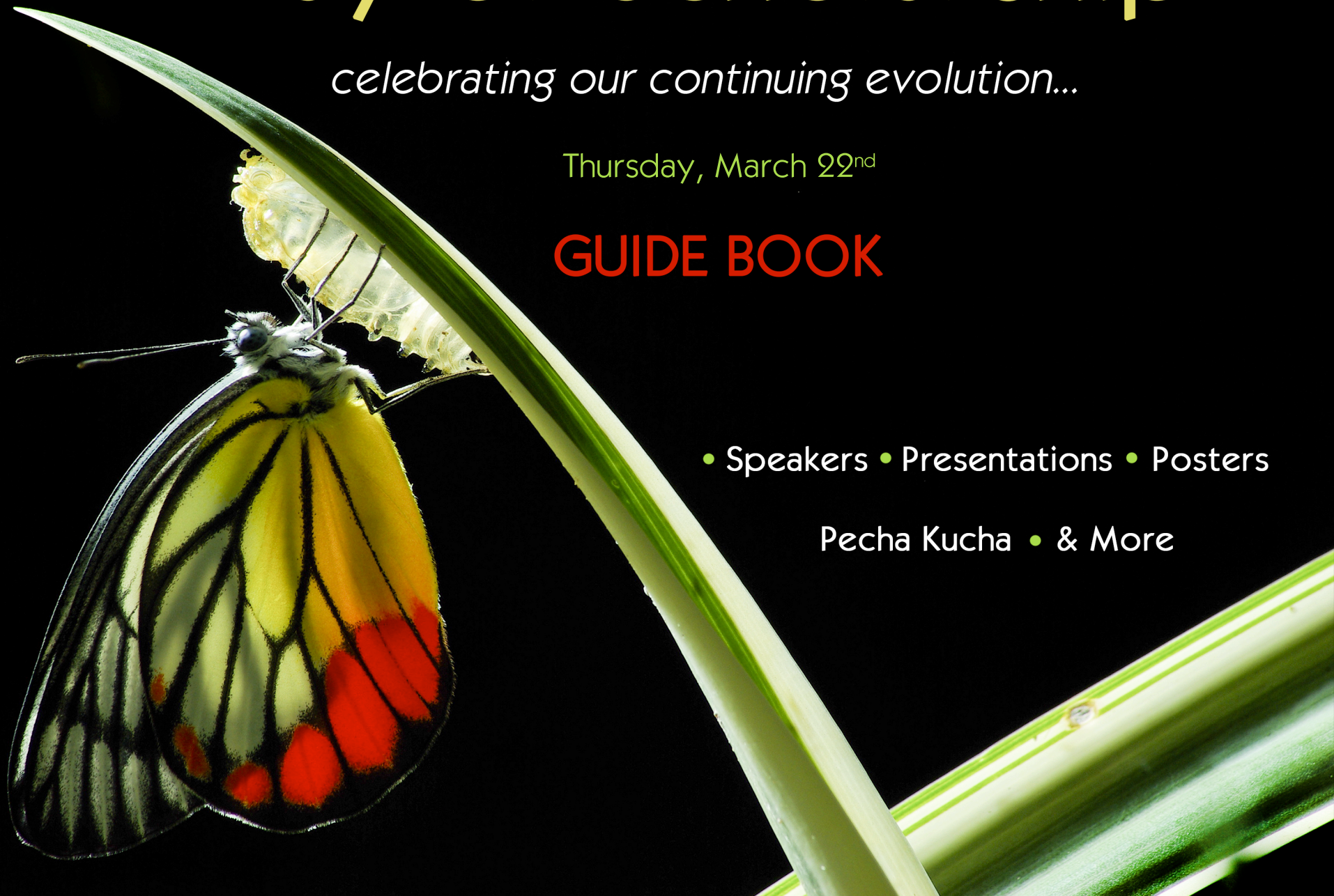
18th Annual

Day of Scholarship

celebrating our continuing evolution...

Thursday, March 22nd

GUIDE BOOK



• Speakers • Presentations • Posters

Pecha Kucha • & More

QUICK GUIDE

Thursday, March 22nd, 2018

ROOM

Time	CC1	CC2	CC3	CC4	CC5	Theatre	Time
8:30-9:00	**Welcome Breakfast and Opening Remarks - Todd Regn - Main Event Room**						8:30-9:00
9:00 - 9:30	**KEYNOTE SPEECH - Main Event Room - Elizabeth Lacey, NAMS -** *"Inspiring Scholarship: Is it better to have role models treated badly or no role models?"*						9:00 9:30
9:35 - 10:00	***Finch, Jessie - SOBL** *Measuring Identity Factors*	**Cox, Lisa - SOBL** **Maguire, Gina - SOBL** *Positive Aging: Recipes for Success*	**Hayse, Michael - ARHU** *A Collaborative Collective Biography: The Kochavi Family Project*	**Nichols, Robert - ARHU** *History Thesis Presentations*	***Ferri, Christine - SOBL** **Morell, Nathan** *Mental Health Awareness and Suicide Prevention Month: Activities and Outcomes*	**Rosenthal, Toby - ARHU** *Campus Commercials - Communication Studies Video Production Class*	9:35 - 10:00
10:05 - 10:30	**Button, Deeanna - SOBL** *First Responders' Experiences of Trauma and Social Support*	***Nolan, Thomas - HLTH** *Recruitment, Training, and Integration of Students for Patient Simulations in the Physical Therapy Curriculum.*	**Song, Xu - ARHU** *Vote Leave: Analysis and Perspectives on the Effectiveness of the Brexit "Leave" Public Relations Campaign*		***Morfit, Jedediah - ARHU** *Feet Of Clay: The Full Report*		10:05 - 10:30
10:35 - 11:00	**Rodriquez, Michael - SOBL** *Internships Abroad for Everyone: My Experience in Capetown, South Africa*	***Levy, Marissa - SOBL** *R&PD Funding for Statistics for the Terrified Criminologist Textbook*	**Murphy, Kameika - ARHU** *Public Debates on Black Military Corps during the Haitian Revolution*		**Paige, Garrison - GENS** *Mask Off. Unveiling Agency Reducing Identities within the Diasporic African Community*	**Miller, Richard - GENS** *Achieving Success in Relationships*	10:35 - 11:00
11:05 - 11:30	**RAFFLES/SNACK - MAIN EVENT ROOM**						11:05 - 11:30
11:35 - 12:00	**Greene, Laurie - SOBL** **Jackson, Christina - SOBL** *Embodied Difference: Divergent Bodies in Public Discourse*	**Wolf, Kerrin - BUSN** *Using Reflective Writing to Assess Critical Thinking Course Design*	****Hartman, Nathaniel - NAMS** *Timing is Everything: LIN28 in Neurogenesis*	**Nichols, Robert - ARHU** *History Thesis Presentations cont'd*	***Tomé, Daniel Fidalgo - GENS** *First Generation Impact Collaborative*	***Rosenthal, Gail - GENS** *Research Related to Experiences of Holocaust Survivors Before, During and After WWII*	11:35 - 12:00
12:05 - 12:30		**Fahey, Susan - SOBL** **Levy, Marissa - SOBL** *Paradise Now: Assessing the impact of film pedagogy on Criminal Justice students*	*** **Demitroff, Mark - NAMS** *Earth, Wind, & Ice: Ancient Climate Change to Periglacial Landscapes*				12:05 - 12:30
12:35 - 1:00	**POSTERS PRESENTATIONS - BOARD OF TRUSTEES ROOM**						12:35 - 1:00
1:00 - 2:00	**LUNCHEON FOR PRESENTERS - MAIN EVENT ROOM - Provost Lori Vermeulen to Speak (1:45pm)**						1:00 - 2:00
2:00 - 3:00	**PECHA KUCHA - MAIN EVENT ROOM** ***Dissen, Anthony - HLTH -** *Low Graduation Rate and Food Insecurity in New Jersey* **Shah, Amee - HLTH -** *Diversity and Inclusion don't have to be abstract concepts: What does it take to bridge the gap?* **Trout, Joseph - NAMS -** *An Update on Atmospheric and Astrophysics Research in the Physics Program* **** Jones, Joy - BUSN -** *Detective Casey and the April 2010 Shooting. Utilizing Business Pedagogical Strategies in Teaching Difficult Criminal Justice Topics*						2:00 - 3:00

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

GUIDE BOOK

8:30 – 9:00	**Welcome Breakfast**	Campus Center Main Event Room
9:00 – 9:30	**Keynote Speech – Elizabeth Lacey**	Campus Center Main Event Room
9:35 – 11:00	**Presentations**	Campus Center Rooms 1 – 5, Theatre
11:05 – 11:30	**Afternoon Snack/Give Away Drawings**	Campus Center Main Event Room
11:35 – 12:30	**Presentations**	Campus Center Rooms 1 – 5, Theatre
12:35 – 1:00	**Poster Presentations**	Board of Trustees Room (Posters displayed all day)
1:00 – 2:00	**Lunch Break**	
2:00 – 3:00	**Pecha Kucha**	Campus Center Main Event Room

◆ Learning ◆ Engagement ◆ Global Perspectives ◆ Sustainability ◆ Research

8:30 – 9:00	**CC Main Event Room**	**Breakfast and PROVOST VERMEULEN'S WELCOME**
9:00 – 9:30	**CC Main Event Room**	**Keynote Speech – Elizabeth Lacey** *"Inspiring Scholarship: Is it better to have role models treated badly or no role models?"*

Time	Rm #	Presenter (s)	Title	Discipline
9:35 – 10:00				
	CC1	*Finch, Jessie – SOBL Alejandro Londoño	**Measuring Identity Factors** *Student Co-Investigator Alejandra Londoño and Faculty Sponsor Dr. Jessie K. Finch will present a joint research project that explores four factors of social identity (Tajfel 1979) in various national contexts -- nationality, race/ethnicity, religion, and language. Nearly 350 respondents from over 15 countries were surveyed in this informative study on the social construction of identity.*	*Social Issues*
	CC2	Cox, Lisa – SOBL Maguire, Gina – SOBL	**Positive Aging: Recipes for Success** *Stories about positive aging experiences will be shared. Additionally, pedagogical resources from a newly published book will be presented to help teach about important life themes humans experience across the life course (e.g. family, money, food & celebrations, etc.)*	*General*
	CC3	Hayse, Michael – ARHU Karen Diemer Renee Carfagno David Tohidi	**A Collaborative Collective Biography: The Kochavi Family Project** *A team of undergraduate and graduate students collaborate to write a biography of the Kochavi family over several generations. The wartime generation of the Jewish Kochavi family survived in hiding in Paris during World War II. The biography documents their experiences while shedding light on Jewish life in Easter Europe, modern Zionism, and immigration to the United States.*	*History*
	CC5	*Ferri, Christine – SOBL Morell, Nathan Allyson Crawford Lauren Baghsarian Rebecca Longo Julie Coker Kate Pesci Kate Casario	**Mental Health Awareness and Suicide Prevention Month: Activities and Outcomes** *Mental Health Awareness and Suicide Prevention Month is a series of events designed to increase awareness, decrease stigma and save lives of students who face mental health issues. The presentation will describe the events, including the outcomes of depression screening of 980 students in one week on October 2017.*	*Health*
9:35 – 10:30				
	CC Theatre	Rosenthal, Toby – ARHU Caleb Taylor Matt Mullany Taylor Rose Daniel Yurowski Riley Andrus Edward Arnold Cas Almeyda	**Campus Commercials - Communication Studies Video Production Class** *The Fall 2017 Video Production class teamed up with campus offices to produce original commercials for their use. The goals were to develop video production skills and introduce students to working with clients. All of the clients were on campus and are able to use the videos at their discretion. The offices included Veterans Affairs, Career Services, and the Women's, Gender, and Sexuality Center.*	*Art*

Learning Engagement Global Perspectives Sustainability Research

9:35 – 11:00

CC4	Nichols, Robert – ARHU Christina Delcher David Dwyer John Hesse Rebecca Howard Daniel Komack Timothy Malloy Adrianna Martinez Brandon Morris Cory Newman Evan Osborne-Lomax Tara Overton Zachary Pomrink Heizel Prince Katelyn Sperling Shaun Steup Shelby Tonnesen	**History Thesis Presentations** *History majors completing year-long senior thesis research projects present introductions to their subjects, sources, arguments, and conclusions.*	*History*

10:05 – 10:30

CC1	Button, Deeanna – SOBL Catherine Marino	**First Responders' Experiences of Trauma and Social Support** *First responders such as firefighters, police officers, and emergency medical personnel are regularly exposed to trauma. The present study examines the trauma exposure first responders experience, potential negative effects of trauma, and the role of social support in coping with trauma.*	*Social Issues*
CC2	*Nolan, Thomas – HLTH Benjamin Akaezuwa	**Recruitment, Training, and Integration of Students for Patient Simulations in the Physical Therapy Curriculum.** *The Stockton University Simulation Initiative (SUSI) is an innovative learning experience that provides DPT students the opportunity to practice and develop clinical skills in realistic patient-case scenarios. This experience will help better prepare students for clinical experiences in physical therapy settings.*	*Health*
CC3	Song, Xu – ARHU Marielena Dottoli	**Vote Leave: Analysis and Perspectives on the Effectiveness of the Brexit "Leave" Public Relations Campaign** *On 23 June 2016, 51.9 percent of voters in the United Kingdom voted to leave the European Union. After learning of the result of the referendum, the researcher (presenter) analyzed the public relations campaign designed for the vote leave strategy. This analytical research aims to determine the influence, effectiveness, and ineffectiveness of the campaign on voters and the relevancy of the campaign on the result of the referendum. Findings show that the campaign implemented specific objectives, strategies and tactics that had a significant impact in the outcome of the results of the referendum. The analysis applied the ROSTE model to examine the public relations campaign process and effects. This research was conducted with the assistance from Brittney Welch, a Communication Studies graduate.*	*Social Issues*

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	CC5	*Morfit, Jedediah – ARHU	**Feet of Clay: The Full Report** *A report on new process, new techniques, and new artworks developed as a result of a Summer 16 R&PD grant, and Fall 16 sabbatical.*	◆ *Art*
10:35 – 11:00				
	CC1	Rodriguez, Michael – SOBL Michelle Della Fave	**Internships Abroad for Everyone: My Experience in Capetown, South Africa** *Presentation explores internship possibilities abroad for students across all majors, A specific experience in Capetown, South Africa (Michelle Della Fave) will be highlighted as an example of the various placement opportunities.*	◆ *General*
	CC2	*Levy, Marissa – SOBL	**R&PD Funding for Statistics for the Terrified Criminologist Textbook** *R&PD funding was granted for summer 2017 in order for the presenter and co-author, John Kranzler, to write Statistics for the Terrified Criminologist. This is a beginning level textbook for college students in the field of Criminology or Criminal Justice.*	◆ *Education*
	CC3	Murphy, Kameika – ARHU	**Public Debates on Black Military Corps during the Haitian Revolution** *This paper traces the movement of African America military corps (Black pioneers) from the United States to the Caribbean and explores political tensions in Jamaica surrounding their service during the Haitian Revolution. Black pioneers were a unique group of service men and women (mostly ex-slaves) who gained firsthand experience of both the American and Haitian revolutions. The paper argues that while the pioneers' prior exposure to ideologies of the American Revolution were first perceived as non-threatening, the Haitian Revolution's challenge to slavery as an institution changed public perceptions of their presence in a Caribbean slave society dramatically.*	◆ *History*
	CC5	Paige, Garrison - GENS	**Mask Off. Unveiling Agency Reducing Identities within the Diasporic African Community** *Michael Tilotson's Agency Reduction Formation was designed to expose, situate, and explain ideological trends that are intended to compel African people to distance themselves from their collective identity. In previous scholarship Agency Reduction Formation was interrogated through a lens of political inaction; this work adds the component of language and the rhetoric of Diasporic Africans to the conversation as aggressive forms of Agency Reduction Formation. This work demonstrates how African people oppress themselves internally, psychologically and socially when embracing and celebrating rhetoric, language and words of the oppressor as tools of liberation and empowerment.*	◆ *General*
	CC Theatre	Miller, Richard – GENS	**Achieving Success in Relationships** *Learn behaviors that can impact relationships with others and can affect changes in human beings. Recognize the influence of behavior on relationships.*	◆ *General*

◆ Learning ◆ Engagement ◆ Global Perspectives ◆ Sustainability ◆ Research

11:35– 12:00				
	CC2	Wolf, Kerrin – BUSN	**Using Reflective Writing to Assess Critical Thinking Course Design** *This presentation will discuss the results of a pilot study that examined the use of reflective writing to assess critical thinking skills development in an undergraduate legal studies course. It contends that inviting students to reflect on the ways in which a course supports their critical thinking skills development can assist faculty members in designing courses that better support this essential learning objective.*	◆ *Pedagogy*
	CC3	**Hartman, Nathaniel - NAMS	**Timing is Everything: LIN28 in Neurogenesis** *LIN28 plays a crucial role in the timing and sequence of developmental events. In collaboration with Eric Moss and Jennifer Romer-Seibert of Rowan School of Osteopathic Medicine, we found that LIN28 is necessary for the production of new neurons in the young brain.*	◆ *Science*
11:35 – 12:30				
	CC1	Greene, Laurie – SOBL Jackson, Christina - SOBL	**Embodied Difference: Divergent Bodies in Public Discourse** *This presentation looks at the body as a platform for the contestation of culture, power and society, by exploring two "ethnographic" research sites --gender performance in drag and beauty pageants, and the challenges urban residents make to public decision-making processes in community forums. These two studies highlight the importance of "marked" bodies in public spaces and the commonalities in and differences between the qualitative methods in sociology and anthropology.*	◆ *Social Issues*
	CC4	Nichols, Robert – ARHU	**History Thesis Presentations cont'd**	
	CC5	*Tomé, Daniel Fidalgo – GENS Erin O'Hanlon Kenneth Jones	**First Generation Impact Collaborative** *This presentation hopes to showcase the outcomes of the first year of this project such as the introduction of pipeline programs to local high schools, an organized effort to streamline placement of FWS students, leadership development via the Bonner Leaders program and much more. The initiative has focused on supporting the advancement of young professional careers through service based work, specifically First Generation students, with the help of the Graduate Assistant based in the Office of Service-Learning. The initiative was made a success with the help of various partnerships throughout the school and surrounding community; Stockton faculty/staff members, off-campus partners and local area high schools, the Stockton students, and The Office of Service-Learning.*	◆ *General*
	CC Theatre	*Rosenthal, Gail – GENS Ginetta Gambale Maddie Martorano Courtenay Terrell Morgan Vukicevich	**Research Related to Experiences of Holocaust Survivors Before, During and After WWII** *Holocaust survivor life stories include despair and suffering. These research projects will highlight the resilience of survivors as they returned to life after the Holocaust.*	◆ *General*

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12:05 – 12:30					
	CC2	Fahey, Susan – SOBL Levy, Marissa – SOBL	**Paradise Now: Assessing the impact of film pedagogy on Criminal Justice students** *The purpose of this research is to examine the impact of viewing a film, Paradise Now, on attitudes towards terrorism in a class of Criminal Justice students, using a survey adapted and modified from previous research. The film itself follows two young men who are offered the opportunity to engage in terrorism while also showing the human side of war, poverty, oppression, and at times, the power of religion.*	Learning	*Social Issues*
	CC3	* **Demitroff, Mark - NAMS	**Earth, Wind, & Ice: Ancient Climate Change to Periglacial Landscapes** *South Jersey's cold, dry, and windy Ice Age legacy has few modern terrestrial equivalents. Climate-driven movement of frozen and thawed ground, along with strong winds from the nearby Laurentide Ice Sheet, have helped to fashion the local terrain into the unique world-renowned landscape that we value today as the Pine Barrens—providing critical habitat for rare, threatened, and endangered plants and animals.*	Research	*Science*
12:35 – 1:00					
	Board of Trustees Room		***** POSTER PRESENTATIONS *****		
1:00 – 2:00			**LUNCHEON FOR PRESENTERS – MAIN EVENT ROOM**		

Learning Engagement Global Perspectives Sustainability Research

2:00 – 3:00

Main Event Room

PECHA KUCHA!

Trout, Joseph – NAMS

An Update on Atmospheric and Astrophysics Research in the Physics Program *Science*

In this presentation an update on student involved research in the fields of atmospheric science and astrophysics will be provided. The research involves the Weather Research and Forecasting Model (WRF) as well as Fourier and Wavelet analysis of data collected from the Kepler space observatory.

*Dissen, Anthony – HLTH
Jodie Davis

Low Graduation Rate and Food Insecurity in New Jersey *Health*

Ms. Jodie Davis' research project has focused on the impact of food insecurity on high school graduation rates in New Jersey, with the goal of greater understanding of how food insecurity plays a potential role in inhibiting education and graduation within the state. Ms. Davis will present the results of her year-long research project, the organizations she has worked with, and the conclusions she has come to as a result of the data she has collected.

Shah, Amee - HLTH

Diversity and Inclusion don't have to be abstract concepts: What does it take to bridge the gap? *Health*

Overview presentation of a decade long systematic work as a scholar and private practioner in the industry to implement proven solutions for diversity and inclusion by bridging the cross-cultural communication gap. How some of that work is being applied here at Stockton through a variety of programs that involve faculty and students will be demonstrated. This talk is an integrating effort to tie disparate ideas and begin a cohesive conversation focusing on solutions for inclusion.

**Jones, Joy – BUSN

Detective Casey and the April 2010 Shooting. Utilizing Business Pedagogical Strategies in Teaching Difficult Criminal Justice Topics *Social Issues*

Despite widespread attention on police discretion and bias, very little attention has been placed on officers who pull the trigger and the events that follow. Chaeron (1999) argued that despite an understanding of the need for counseling and stress management for officers involved in critical incidents, little awareness exists concerning the plethora of other issues officers experience (e.g. feelings of betrayal by supervisors, peers, and departments, loss of identity if they retire, legal and administrative issues, stress on families and personal relationships, etc.) Preparation and training on intervention and team management has become increasingly more important for police departments around the world. However, the use of teaching cases has been underutilized in criminal justice education, CIT, Use of Force, and academy training. This presentation focuses on the importance of utilizing teaching cases to provide criminal justice students and law enforcement officers with real-life stories of officers involved in critical incidents. This presentation provides an example of a teaching case used in critical incident training and offers suggestions for using teaching cases in graduate, undergraduate, academy, and CIT courses.

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Time	Presenter (s)	Title	Discipline
12:35 – 1:00	*Campus Center Board of Trustees Room – **POSTER PRESENTATIONS** (view all day)*		
	Arnone, Jacqueline – HLTH	**Celiac Disease: Examination of Executive Function and Social Phobia Among Female College-aged Students** *Goal: To identify if an association exists between executive function(EF) and social phobia(SP) in a sample of 18-25 year old female college students who have been diagnosed with celiac disease(CD) compared to healthy age matched controls. Findings: CD significantly affected Working Memory, Planning Organization, and Organization of Materials in measures of EF among participants with CD compared to the control group. CD significantly affected levels of SP in CD participants compared to the control group in situations involving interactions with the opposite sex and interaction with strangers. Self-report grade point averages (GPAs) among CD participants had a significantly lower mean than the control group.*	*Health*
	Chen, Jiajin – BUSN	**Timing of REIT Entries and Exits** *We analyze 483 entry and 439 exit events of publicly traded real estate investment trusts (REITs) and find that changes in REIT NAV premium and total returns of the income properties affect equity REITs entries and exits. Our evidence indicates that more REITs enter (exit) the stock market when the stock market valuation of REITs is more (less) favorable than the property market valuation of REITs' underlying assets during the same month. Our evidence also indicates that more REITs enter (exit) the stock market when the estimated total returns of the income properties in the NCREIF database are low (high). Co-Authors: Su Han Chan, Professor of Finance, Carey Business School, Johns Hopkins University and Ko Wang, Dean's Chair in Real Estate and Infrastructure, Carey Business School, Johns Hopkins University*	*Business*
	Culleny, Stacey – EDUC	**Tracking Career Readiness in K-12 Teaching** *Proactive and purposeful precepting is crucial within the School of Education as students must meet a multitude of standardized testing requirements, fieldwork mandates, and instructional proficiency through state performance assessments. A comprehensive advising model, to meet these demands, has been developed through the support of the 2017 Provost's Professional Development Award in Faculty Precepting.*	*Education*
	Culleny, Stacey – EDUC Wu, Chia-Lin – NAMS Jessica Kelleher Christina Patella	**Worldwide Engagement and Diversity: Our Week in Taiwan** *After months of research and planning, we traveled to Taiwan during December 2017 to spend a week exploring the country, immersing ourselves in the culture, and gathering valuable insight regarding educational practices. The poster will display photos of and information from our experiences touring schools, presenting our math education research at a conference, teaching in a Taiwanese middle school, and collaborating with professors and students from halfway around the world.*	*Education*

Learning Engagement Global Perspectives Sustainability Research

Fazio, Patricia – Library Chang-Fitzgibbon, Kerry - Library	**What researchers need to know about Cited References and the new field of Altmetrics.** *This research explains Altmetrics and their usefulness for discovering trending research and identifying potential research partners. It also reviews Cited References and explaisn why they are still important.*	*Technology*
Galantino, Mary Lou - HLTH Samantha Adornetto Becky Frandza Devan Gallucci Colleen Wills	**Tai Chi Versus Traditional Exercise Training for Improvement of Balance in Parkinson's Disease** *This research examines the effectiveness of Tai Chi compared to traditional exercise training on balance improvements in individuals with Parkinson's Disease (PD). Based on a review of the literature, it was determined that Tai Chi was superior in improving balance, decreasing the risk of falls and reported fear of falling compared to exercise training in patients with PD. Results for other motor outcomes were found to be mixed or inconclusive. Further research is needed to explore the integration of Tai Chi in rehabilitation programs for patients living with PD.*	*Health*
Galantino, Mary Lou – HLTH Adelina Redzepi Shannon Adams Emiley Della Fave Andrea Olsen	**Namaste Away from the Experience of Hot Flashes** *Many postmenopausal women are turning towards yoga to incorporate breathing techniques, meditation, and postural positions to decrease pain, anxiety, and fatigue while improving quality of life. The purpose of this research was to assess whether yoga is more effective at improving quality of life in postmenopausal women compared to therapeutic exercise. Evidence showed that yoga decreased menopausal symptoms, stress levels, depression symptoms, and increased quality of life. Researchers recommend yoga as an additional intervention for women who suffer from psychological and physical complaints associated with menopause in the short term.*	*Health*
Galantino, Mary Lou – HLTH Brandon Woolley Justin Hanus Stephen Pavoni Michael Messina William Davis Carleigh Gallardo	**"Mind Your Business (& Your Health!): Relax, Be Mindful, & Lower Your Blood Pressure"** *Standard treatment for hypertension includes pharmacological interventions and lifestyle changes, most notably in dietary habits and exercise routines. Barriers to standard care include a lack of access to optimal healthcare, alongside socio-economic implications. We identified mindfulness meditation (MM) techniques as both a beneficial and accessible adjunctive therapy to standard pharmacological management of hypertension. Our review found that MM can be effective and easily adopted in the clinic. MM serves as an affordable and attainable adjunct to contemporary hypertension treatment, which is an important notion to consider for public health awareness.*	*Health*

Learning Engagement Global Perspectives Sustainability Research

Galantino, Mary Lou – HLTH
Julia Guerrero
Jamie Krasner
Kim Molnar
Shelby Petrella
Diana Williamson

Don't Fear! Yoga & Exercise Reduces Falling *Health*

Fear of falling (FOF) has been identified as a psychological component that contributes to high fall risk in older adults. Research papers investigating the effects of two interventions on the FOF in older adults were analyzed, traditional physical therapy exercise and yoga. Yoga was shown to improve balance and decrease FOF in adults over the age of 60. Traditional exercise was found to improve balance, strength, and coordination, but it was not as effective at reducing the FOF.

Galantino, Mary Lou – HLTH
Christopher Albanese
Alexa Fama
John Husta
Phillip Polentarutti
Lindsay Schuele
Anthony Scibilia
Lauren Vranich
Catherine Wunder

Accelerated versus Traditional Rehabilitation for an Achilles Tendon Rupture *Health*

An Achilles tendon rupture can either be treated operatively or conservatively; however, there is no clear consensus regarding which is the optimal treatment. While the decision as to how to treat an Achilles tendon rupture remains controversial, we have explored the outcomes of an accelerated post-surgical rehabilitation program as it relates to time returning to function. Although the literature shows inconsistent results for the amount of time needed to return to functional activities, the accelerated rehabilitation group displayed overall better outcomes in the short term, and equivalent outcomes in the long term as compared to the conventional rehabilitation group. Further, there was no increase in the risk of re-rupture or other complications associated with accelerated rehabilitation. More research is needed to determine the optimal treatment for an Achilles tendon rupture as it relates to return to function as well as long-term outcomes.

Galantino, Mary Lou – HLTH
Rachelbeth Brignola
Cassandra Hrusko
Amanda Matthews
Van Pham
Trammie Nygun

The Effectiveness of Hippotherapy on Function for Children with Cerebral Palsy *Health*

This research determined the effectiveness of hippotherapy on function in children with cerebral palsy (CP), while investigating what type of CP and which aspect of function is most enhanced. CP is a group of non-progressive, permanent brain disorders that can occur during fetal development or the birthing process. Hippotherapy is a unique mode of therapy that engages the child both physically and psychologically and is used as a tool to influence improvements in the child's posture, coordination, balance, strength, and sensorimotor systems. A trained healthcare professional controls the horse while guiding the child's posture and movement. Hippotherapy provides dynamic support base for participants making it a method for improving trunk strength, control and balance. The literature supports the use of hippotherapy as an adjunctive treatment for children with CP. Further research and higher levels of evidence are needed to reach definitive conclusions about the effectiveness of hippotherapy.

Galantino, Mary Lou – HTLH
Joe Farrell

Yoga and Chronic Lower Back Pain *Health*

According to the APTA it is estimated that two thirds of Americans will experience some form of lower back pain in their lives. Yoga, a more complementary and alternative practice is more effective in relieving chronic low back pain over the traditional interventions in physical therapy, specifically aerobic and anearobic exercise.

Learning Engagement Global Perspectives Sustainability Research

Ki, Wooseok – NAMS
Anthony Bautista
Anastasia Morozova

Developing Macroporous Metal Chalcogenide Semiconductor Thin Films for Sun-Driven Water Splitting Applications

*This research aims to create uniform porous semiconductor materials using a molecular precursor route to enhance the efficiency of hydrogen evolution from water using sunlight. We successfully developed and characterized uniform porous MoS2 and WS2 semiconductors using 500 nanometers (nm) size polystyrene microspheres as a sacrificial template. **We would like to thank Dr. Jason Shulman (Physics Program) for AFM images of thin film samples.*

Science

Kientz, Mary – HLTH
Mastrangelo, M. Alysia – HLTH
Perks, Joan – HLTH
Carissa Clayton
Rachel Gavigan

Get FIT and Autism Spectrum Disorder: Outcomes of an Interdisciplinary Exercise and Nutrition Program at Stockton University

GetFIT for All is an interdisciplinary exercise and nutrition program designed for individuals with a diagnosis of Autism Spectrum Disorder (ASD) and other developmental disabilities. The purpose of the GetFIT program is to improve participants' health and wellness, quality of life and socialization. OT, PT, Nursing, and Health Science students collaborate to educate and enhance the healthy habits of participants. Together these disciplines create a client-centered nutrition and fitness program.

Health

Kientz, Mary – HLTH
Mastrangelo, M. Alysia – HLTH
Perks, Joan – HLTH
Alexandria Grazioso
Emily Iannuzzi
Nicole D'Intino
Rachelbeth Brignola
Brandon Frisco
Nicole Hero
Emily Sorochynskyj
Cassandra Hrusko

Get FIT

Get FIT is an interdisciplinary exercise and nutrition program that is designed for individuals with a diagnosis of IDD. It is run cooperatively by occupational therapy, physical therapy, nursing, and BSHS students at Stockton University. The focus of the Get FIT program is to improve participants' health and wellness, quality of life, and socialization.

Health

Kirzner, Rachel – SOBL
Kelly Andretta
Julia Brennan
Ashley Molina

Atlantic City Focus Groups on Cardiac Risk & Resiliency Factors

This project is a qualitative study investigating the health-related perspectives and beliefs of low-income urban residents at risk of cardiac disease. The primary aims of the study are to generate new knowledge of the health-related beliefs of the study population, and to use the findings as part of planning for a group intervention focusing on peer support, nutrition, exercise, and stress reduction. The project is in partnership with the Atlanticare HealthPlex.

Social Issues

Learning Engagement Global Perspectives Sustainability Research

Klein, Kathleen – HLTH Michelle Fitzula	**Measuring the Evidence-Based Practice Skills of Occupational Therapy Students** *This poster describes the results of measuring the impact of teaching evidence-based practice skills to occupational therapy students. An Adapted Fresno Test (AFT) is completed by students at the start and end of the semester to assess changes in evidence-based practice knowledge and skills.*	*Health*
Perez, Heather – Library	**Digitalization is not Digital Preservation** *Digitization is widely used in library special collections to provide online access and service copies of fragile or commonly-requested items. However, digitization is not the same thing as digital preservation. This poster will explain the difference between the two and present basic information about digital preservation.*	*Technology*
Perez, Heather – Library Lauren Knob	**Pine Barrens Research at Stockton's Special Collections** *Within Stockton's Archives and Special Collections are many materials that relate to, or are specifically about, the Pine Barrens. This poster provides a general overview of each of these collections and seeks to inspire people to take advantage of these unique and valuable resources.*	*History*
Prakash, Sreelekha – HLTH Sabrina Wynne Katelyn Smyth Marcus Molyneux	**The Effects Exercise has on Sleep Duration and Quality** *Assessing the effect of exercise on sleep quality and duration in students between the ages of 18 to 25 years old in Health Science research class during spring semester/2018.*	*Health*
Shah, Amee – HLTH Emily Descano	**Interactive Globalization Practice** *This project involves exploring techniques for effective clinical outreach for diversity issues. The presentation encourages participants to listen to differing language samples and attempt to match the speaker's accent to its corresponding location on the world map. The purpose of this activity is to increase appreciation for cultural diversity through exposure to language differences. This project aids in the development of communication skills, ethical reasoning, and global awareness through community outreach.*	*Health*
Shah, Amee – HLTH Amanda Schuler	**Racially-biased Policing: Can racial profiling be reduced by linguistic training?** *This project provided a unique accent listening game-based training to the Police and First Responders to help increase cultural competency and reduce racial and linguistic profiling. Results of this project, along with comparisons of other trainings will be shared to increase awareness about issues of cultural bias and profiling and promote a bridge-building dialogue and trust.*	*Health*

Learning Engagement Global Perspectives Sustainability Research

Shah, Amee – HLTH
Jesica Perez

Quasi-ethnographic Interviews and Experiences of the South Jersey Hispanic Community

This poster will describe a study conducted to understand cross-cultural communication, values, needs, and challenges of the South Jersey Hispanic Community. This project will increase my own knowledge and awareness about cultural and linguistic diversity and has helped me become more globalized as a future health-care student. Through this poster, I will be able to share information to build knowledge and awareness for the students at Stockton in order to help them integrate foreign-exchange students, international students, and students of diverse backgrounds.

Health

Shah, Amee – HLTH
Kimberly Bernal

Undergraduate Research Experience: What's in it for you?

This presentation will show the highlights of what undergraduate research projects involve and show how students can make their resume distinctive by engaging in undergraduate research experiences with faculty mentoring. Without any prior research experience, as a Junior, I was honored to be selected to work as a Lab Manager in the CRSLA research team--a fact that could surprise and motivate students curious but nervous about research. Under this role, my main goal is to manage the lab effectively by working with different personnel on and off campus to manage the lab's equipment, social media, and inventory. Students can benefit from learning how these tasks have allowed me to gain communication, leadership, technology and management skills, while managing my time, classes, and extracurricular activities.

Health

Shah, Amee – HLTH
Jade Gallucci
Dana Lisi

How to assess diversity & inclusion on a university campus: a multi-method study

This presentation will describe the purpose and results of a large-scale project in progress currently at Stockton University assessing the Diversity Climate as perceived by, and for students. The purpose of the study is to be able to identify exclusionary, sexual harassment, communication issues, or bias, and hate on Stockton University's campus. Online surveys and face to face ethnographic interviews have been conducted in order to gather the information. Findings will help students learn about this work, provide input, and be connected to the pipeline of resources for creating an inclusive climate.

Health

Shah, Amee – HLTH
Ashley Golden

Accents in Academia: Does it Matter?

There are stereotypes and prejudices that surround individuals with accents (regional, ethnic, and foreign). Professors and students with accented speech can be affected by such prejudices inside the classroom, with consequences to student learning and grades, barriers to trust and respect between student and faculty, faculty teaching evaluations, issues of tenure, and overall inclusion and fit. This concern should be acknowledged, understood and overcome. The effects of stereotypes against those with accents in the college and University setting are described in this detailed literature review to promote awareness and build a dialogue at Stockton.

Health

Learning Engagement Global Perspectives Sustainability Research

Shah, Amee – HLTH
Jasmine Branch

Barriers to Cross Cultural Communication and Student Learning
The research conducted in this study explores students and professors' cultural competence of accents in the classroom with the use of interviews to show differences, recognition and understanding of speech patterns and dialects. The goal of the study is to investigate the issues of cross cultural communication, find solutions that will bring more awareness to the issue, and create a safe environment to further discuss cultural competence of accents.

Health

Shah, Amee – HLTH
Amanda Griglack

Accents and Drinking: What is the Scientific Connection
Students will be exposed to the studies around speech production as a result of neurologic and cognitive inhibition due to the effects of inebriation, fatigue, and cognitive load. This interactive presentation will provide scientific background and serve as public awareness of drinking and drugs, with recommendations for wellness. Students and faculty will learn about the work of the Cross-Cultural Speech, Language, and Acoustics Lab in the area of accents, diversity, and cultural competence.

Health

Sharon, Yitzhak – NAMS

Systematics of Quadrupole Moments and B(E2)'s
We surveyed even-even nuclei throughout the Periodic Table for which Q(21+) and B(E2;01+ -> 21+) were measured independently. The ratio [Q/the square root of B(E2)] was 1 for rotational nuclei and usually near 0.5 for other nuclei. Theoretical calculations were carried out to explain these results.

Science

Song, Lei – BUSN

An Integrated Process Model of Stereotype Threat Effects on Product Price and Value Judgments
This research examines how the experience of being negatively stereotyped, which is called stereotype threat, affects consumers' price and value perceptions of products. Specifically, it studies how negative stereotypes (e.g., old people are stereotyped as not knowing much about technological products) affect consumers' price and value perceptions of these stereotype-related products (e.g., technological products).

Business

Trout, Joseph – NAMS
Miriam Saad

Using Fourier Analysis and Wavelet Analysis to Analyze Data from the Kepler Space observatory
Fourier analysis is traditionally used in analyzing stellar light curves. Fourier Analysis of a signal can calculate the frequencies and the amplitude of the frequencies which make up the signal, which can provide the general characteristic of the signal. Recently, researchers have begun using Wavelet analysis to analyze stellar light curves. This poster compares the use of Fourier analysis with Wavelet analysis when analyzing light curves.

Science

Learning Engagement Global Perspectives Sustainability Research

Walker, Ann – HLTH	**Applying ethical and professional behavior through service learning** *The purpose of this poster display is to present a case study of an ongoing nursing education course that utilizes service learning as an educational strategy. In addition to a description of the objectives, resources and course activities, the result of an examination of several years' worth of student reflective assignments that identify examples of professionalism and ethical reasoning gained during the service learning experience will be presented.*	*Health*
Wang, Jianrong – Library Stephanie Sussmeier	**Preserving Collections without a Budget: Innovative and "Green" Ideas** *This poster presentation illustrates how the Library preserves its print collections innovatively by re-purposing everyday items and recycled materials in order to solve the dilemma of how to prolong the lives of the books with a minimum cost.*	*Art*
Zhao, Shaoping – BUSN Kim Allen	**Developing an IT Solution for Antibiotics Prophylaxis Delivery** *This case study discusses and analyzes antibiotic delivery prior to surgical procedures which is beneficial to patients and helps to prevent infections after surgery.*	*Business*