

Tuesday, May 16, 2017
McCarthy Center, Forum
8 a.m. – 5 p.m.



Framingham
State University

A Day in May

A CELEBRATION OF TEACHING, SCHOLARSHIP, AND CREATIVITY



Keynote Presentation:

“Grit & Growth Mindset: Why Some Environments Motivate People to Become Excellent”

Dr. David S. Yeager
Assistant Professor of Psychology at
The University of Texas at Austin

Event Sponsored by

CELTSS

Center for Excellence in Learning,
Teaching, Scholarship, and Service

A Day in May

A Celebration of Teaching, Scholarship, and Creativity

May 16, 2017

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SCHEDULE

- 8:00-8:30 Forum** Registration and buffet breakfast
- 8:30-8:45 Forum** Welcoming Remarks
Dr. Javier Cevallos, President
- Introduction to the Day in May
Dr. Elaine Beilin, Director of CELTSS
- 8:45-9:45 Alumni Room** Poster Session

9:50-10:35 a.m. Panel Session I

Room 415

Environmentally Responsible Business

Facilitator: Satish Penmatsa

- a. Karen Druffel
Promise and Practice: Green IT and BYOD
- b. Rui-Rui Zhang
The motivations to adopt eco-fashion products: were Chinese consumers underestimated?

Room 417

Bringing the Conference Back to Campus

Facilitator: Erika Schneider

- a. Brian Bishop
105th Annual College Art Association Conference (New York, NY)
- b. Shin Freedman
2017 Association of College and Research Libraries Conference

Room 419

The Materiality of Art

Facilitator: Lina Rincón

- a. Lindsay Alberts
Pietre Dure: Materiality and Meaning in the Hardstone Collection of the Cappella dei Principi
- b. Ben Alberti
Body/Image: Alfred Gell, art, and an ontological archaeology

10:45-11:45 a.m. Panel Session II

Room 415

Teaching the Students in Front of Us

Facilitator: Amanda Simons

- a. Sarah Mabrouk
Re-Think and Re-Do: A Learning Opportunity
- b. Paul Bruno
Teaching Ethics in Prison
- c. Luce Aubry
Adding Cultural Capital to a Course Syllabus When You Have an ASL-Using Student in Your Class

Room 417

Collaboration and Mentoring

Facilitator: Joseph Coelho

- a. Virginia Rutter and Megan Peterson (FSU '17, Sociology)
What makes student-faculty collaborations succeed or fail?
- b. Paul Galvin
Coaching in Academic Advising and Building Relationships with Students
- c. Ellen Zimmerman and Evelyn Perry
Developing a Center for Peace and Justice Studies: Opportunities for Local and Global Collaboration

Room 419

New Directions in Research

Facilitator: Sandy Hartwiger

- a. Kelly Matthews
Brian Friel and the BBC
- b. Niall Stephens
The Message is the Medium: Toward a Pragmatist Reading of Marshall McLuhan
- c. Rachel Trousdale
The Joking Voice: Humor and Empathy in Twentieth-Century American Poetry

11:45	Forum	Lunch
12:20	Forum	Welcoming Remarks: Dr. Linda Vaden-Goad, Provost and Vice President, Academic Affairs
12:25	Forum	Introduction to the Keynote Presentation: Elaine Beilin, CELTSS Director
12:30-1:45	Forum	Keynote Presentation Co-sponsored by The Office of Inclusive Excellence and Community Engagement The Office of First-Year Programs <i>Grit and Growth Mindset: Why Some Environments Motivate People to Become Excellent</i> Dr. David S. Yeager Assistant Professor of Psychology at The University of Texas at Austin

2 – 3 p.m. Panel Session III

Room 415

Applying Research in the Classroom

Facilitator: Leslie Starobin

- a. Brandi Van Roo
Advanced Bird Banding: Fall Aging and Sexing
- b. Brian Souza
Self-compassion, Motivation, and Self-perceptions in Relation to
Physical Activity
- c. Ira Silver
Social Problems: The Hidden Stories

Room 417

Contemporary Social Issues

Facilitator: Larry McKenna

- a. Lina Rincón
Navigating Ethno-Racial and Legal Marginalization: The Workplace
Incorporation Experiences of Latinx Professionals in the American
Northeast
- b. Xavier Guadalupe-Diaz
Exploring Race, Situation, and Unarmed Status among Victims of
Police Use of Deadly Force
- c. Deborah McMakin
Pre-Service Teachers' Belief in Student Success in the Student
Teaching Experience: Context Matters

Room 419

Math and Computing Applications

Facilitator: Michael Krul

- a. Jeff Gao
Polynomial Extensions of a Diminnie Delight
- b. Borga Deniz
Production Policies in Two-tier Supply Chains with Multiple Suppliers and Retailers
- c. Satish Penmatsa
Adaptive Cost Optimization and Fair Resource Allocation in Computational Grid Systems

3:30 – 5:00 p.m.

CELTSS Room, Hemenway 208

CELTSS “All About Personnel Actions” Workshop

Faculty who will be coming up for personnel actions in 2017-18 (reappointment, tenure, promotion, or post-tenure review) will have the opportunity to talk informally with MSCA-Framingham President Robert Donohue and Vice President Virginia Rutter, as well as Steve Cok from the Tenure Committee and Jon Huibregtse from the Promotions Committee. Sarah Mulhall Adelman will discuss the advising section of the personnel binder. We will also have sample personnel binders on hand for faculty to examine. This is a great opportunity to ask questions about the contract and the process.

******Submit your assessment form and enter a raffle******

When you bring your completed Day in May Assessment Form to the Forum at the end of the day, drop your name badge into our container and your name will be entered in a raffle to win a brand new Kindle Fire.

Thank you to 2016-2017 CELTSS Steering Committee:

Luce Aubry	World Languages
Elaine Beilin (Director)	English
Dwayne Bell	Chemistry
George Bentley	Geography
Joseph Coelho	Political Science
Alexander Hartwiger	English
Jon Huibregtse (Assistant Director)	History
Md. Imranul Islam	Fashion Design and Retailing
Michael Krul	Mathematics
Laura Lamontagne	Economics
Phoebe Lin	Psychology and Philosophy
Larry McKenna	Physics and Earth Sciences
Suzanne Meunier	Library
Erastus Ndinguri	Business
Satish Penmatsa	Computer Science
Lina Rincón	Sociology
Robin Robinson	Educational Technology Office
Annmarie Samar	Nursing
Erika Schneider	Art and Music
Janet Schwartz	Food and Nutrition
Bridgette Sheridan	History
Ira Silver (Director of Mentoring)	Sociology
Amanda Simons	Biology
Leslie Starobin	Communication Arts
Julia Zoino-Jeannetti	Education

Poster Presentations

Alumni Room

8:45-9:45

Daisy Ball	Asian Americans, Education and Crime: A Presentation to the Asian American/Asian Research Institute at the City University of New York
Cynthia Bechtel	Identifying and Describing Nursing Faculty Workload Issues: A Looming Faculty Shortage
Lisa Burke	"Feeling the Spirit of the Dance": Kiribati Performance as a Sonic and Physical Expression of Place" Paper presented at the "Sounds of the Pacific" panel at the 2017 meeting of the Association for Social Anthropology of Oceania. Lihue, Hawai'i
James Cressey	A Case Study of Targeted Social-Emotional and Behavioral Supports
Aline Davis and Rebecca Shearman	Publication of The Effects of 17 α -ethynylestradiol on Anatomical Development of <i>Xenopus laevis</i>
Vincent Ferraro	New Destinations, Immigration, and Crime: A Test of Competing Measures
Bridgett Galvin	Dishonesty in a Digital World: Discrepancies Based on Communication and Relationship Type
Sohini Ghoshroy and Bryan Connolly	A Study of Hornworts for the Presence of GSIIB Genes
Michael Greenstein	GoT it right Memory for positive and neutral film clips
May Hara	Learning How To 'Do' Policy: Pre-service Teachers and Policy Knowledge in the Age of Accountability
Michael Harrison and Jorge Riveras	Assessing Business Students' Global Awareness
Hae Won Ju	Writing a Book Chapter: Case Study of Reebok's Product Innovation in Health and Fitness
Robert Krim and Erastus Ndinguri	Entrepreneurial Pedagogy: An Experiential Learning Design
Laura Lamontagne	An examination into the market for renewable energy credits
Diane Lowe	Professional Growth from Attendance at the International Literacy Association Conference
Patricia Lynne	Creating Meaningful Programmatic Assessment with the AAC&U VALUE Rubrics
Susan Massad	Farming, Water, Food Sovereignty, and Nutrition in Occupied Palestinian Territories
Susan Mullaney	Maintaining Current Standards for Master's Education in Nursing Curricula
Tamara Nelson	Resilient and at risk? An exploration of strengths and stressors in predicting depressive symptoms and resilience among black women
Jerusha Nelson-Peterman	Coming to the U.S. Post-Nutrition Transition: Food Experiences of Brazilian Immigrants in Lowell, MA
Virginia Noon	"Triple Bottom Line" Practices in the Classroom and Across the Curriculum for Agents of Change in Apparel Disciplines
Cynthia Prehar	Infusing Research Methods Training into a Psychology Internship Capstone
Nicole Rossi	A Response to Same-Sex and Different-Sex Parent Households and Child Health
Annamarie Samar	Solution Focused Academic Advising: A Tool to Promote Retention
Erika Schneider	"Marble, Ivory, and Braided Hair: Remembering The Wreck of the Rose in Bloom," Nineteenth-Century Studies Association in Charleston, SC
Leslie Starobin	What Did You Bring With You? An Update on "The Last Address"
Keri Straka	National Council on the Education for Ceramic Arts: Future Flux
Keri Straka	Response to Big Magic with Vibrant Movement

Titles and Abstracts for Posters and Presentations
(arranged alphabetically by the author's last name)

Body/Image: Alfred Gell, art, and an ontological archaeology

Ben Alberti

Presentation

The funding supported travel to the Theoretical Archaeology Group conference, 2016, Southampton, UK. The paper, "Body/Image: Alfred Gell, art, and an ontological archaeology," addresses the question of how we can think of artworks in archaeology as images-in-process rather than only as complete, static things. How does that change how we understand the work of the ancient artisans and artists? In this paper I specifically take on the innovative work of anthropologist Alfred Gell, whose 1998 book *Art and Agency* changed the way anthropologists approach art. His work, however, has been heavily critiqued for being anthropocentric. What can we save from his work when working in a more ontological register?

Pietre Dure: Materiality and Meaning in the Hardstone Collection of the Cappella dei Principi

Lindsay Alberts

Presentation

The Cappella dei Principi in Florence, a massive chapel decorated floor to dome with variegated hardstones, was constructed at staggering expense to house the bodies of the Medici grand dukes. Covered floor to ceiling in rare and expensive pietre dure (hardstones), the chapel asserts the political, financial, and spiritual authority of the Medici through the display of an impressive collection of natural specimens and in the meanings of the stones themselves. The hardstones decorating the chapel are themselves physically ponderous materials, heavy and impervious to damage, symbolically conveying the stability of the dynasty. The names of the stones reflect their often far-flung origins, such as malachite di Siberia. Their exotic nature, directly translated into cost, was multiplied by the difficulty and commensurate expense of their transport from these locales back to Florence. The diplomatic ties necessary to transport large amounts of these stones attest to Medici connections across the known world. The chapel's materiality reflects associations of earthly and spiritual power through Albertus Magnus' belief that unusual stones were infused with divine power. As evidence of the diversity of nature in flux and a magnificent collection of expensive specimen, the chapel's hardstones underlie its assertions of political and spiritual privilege.

Adding Cultural Capital to a Course Syllabus When You Have an ASL-Using Student in Your Class

Luce Aubry

Presentation

This project is the result of a Goals-to-Action project under the Widening the Circle initiative as well as inspiration from my attendance at a convention of the Conference of Interpreter Trainers in fall 2017, for which I received CELTSS funding. The project sought to make terms commonly used in college syllabi accessible via ASL videos. This

presentation will demonstrate how terms such as 'prerequisite' and 'plagiarism' can be hyper-linked to ASL videos stored in the Panopto platform. These videos will be available in a common folder and may be used by any faculty member.

Asian Americans, Education and Crime: A Presentation to the Asian American/Asian Research Institute at the City University of New York

Daisy Ball

Poster

In this talk Drs. Daisy Ball and Nicholas Hartlep discussed their latest volume, *Asian/Americans, Education, and Crime: The Model Minority as Victim and Perpetrator*. They discussed how their book contributes to the field of Asian American Studies by shedding light on the oft-overlooked relationship between Asian/Americans and the criminal justice system. In reality, Asian/Americans in the United States are both the victims of crime and the perpetrators of crime. However, their characterization as the "model minority" masks the victimization and violence they experience in the twenty-first century.

Identifying and Describing Nursing Faculty Workload Issues: A Looming Faculty Shortage

Cynthia Bechtel

Poster

Dr. Cynthia Bechtel and Dr. Nancy Bittner presented research at the National League for Nursing Education Summit in September 2016. Aim: The purpose was to address the factors contributing to the faculty shortage. Background: There is a demonstrated need to sustain and stabilize faculty currently in the workforce to avoid exacerbating the current and future faculty shortage in nursing. Recommendations include recruitment, retention, and development of faculty. Method: A survey design was employed to identify and describe the nursing faculty workload, identify impact of retirement and other retention issues. Results: Demonstration of an aging and non-diverse faculty, increased and variable workload. Conclusion: Four primary areas to address the nursing faculty shortage include focus on diversity balance, development of collaborative positions (joint appointments), and clear identification of nursing faculty workload.

105th Annual College Art Association Conference (New York, NY)

Brian Bishop

Presentation

In February 2017 I attended the 105th Annual Conference of the College Art Association in New York, NY to sit in on sessions dealing with the state of contemporary art, both in regards to its production and interpretation/reception. I have been very involved with CAA for the better part of the past decade serving on several committees including my current service on the Professional Practices Committee and the Award Jury for the Distinguished Body of Work by an Artist. The support I received from CELTSS to attend the conference greatly influenced both my studio practice and scholarly interests.

Production Policies in Two-tier Supply Chains with Multiple Suppliers and Retailers

Borga Deniz

Presentation

In this paper we study a two-tiered supply chain with multiple suppliers and retailers. Suppliers have limited capacity and stochastic yield. We propose and analyze two production policies for suppliers. Supply chain costs and service level are determined using discrete-time simulation. We identify under which conditions a policy performs better than the other one.

Teaching Ethics in Prison

Paul Bruno

Presentation

As part of the Inside-Out Prison Exchange Program (founded at Temple University in Philadelphia), I taught an Introduction to Ethics (PHIL 102) at MCI Framingham, the medium-security women's prison located just outside of Framingham center. The class was comprised of ten Framingham State students ("outside students") and ten incarcerated students ("inside students"). In preparation for this semester, I attended Inside-Out Training at Fairmont State University in Fairmont, WV and nearby at the United States Federal Penitentiary, Hazelton.

'Feeling the Spirit of the Dance': Kiribati Performance as a Sonic and Physical Expression of Place" Paper presented at the "Sounds of the Pacific" panel at the 2017 meeting of the Association for Social Anthropology of Oceania. Lihue, Hawai'i

Lisa Burke

Poster

According to the Kiribati people, the only true way to learn about their music is to dance it. Virtuoso instrumental or vocal traditions do not exist for the classic performance genres rooted in the pre-European contact period. On these coral islands where the paucity of natural materials precludes the manufacture of most instruments, aesthetic attention is focused on the more ephemeral aspects of performance – the sounds of the sung poetry and the intricate choreographed dances unique in the Pacific. Kiribati dance is a physical representation of musical and poetic structures -a flow of tension and release made tangible through the sounds, scents and controlled movements of the decorated dancers who execute their precise choreography to the musical sounds of an increasingly passionate chorus of singers. The resulting intensity is capable of inspiring a heightened emotional state bordering on trance in participants and onlookers. This organized sonic and physical energy embodies relations and communal histories that exist within a space both concrete and social, and often fluid, and are inextricably linked to physical and metaphysical aspects of the fragile atoll environment, an environment currently experiencing the serious consequences of climate change. This paper utilizes concepts from dance theory, place theory, and approaches drawn from the new academic discipline of ecomusicology, a wide-ranging discipline that seeks to bring together concepts of music, human and non-human organisms, and their natural environment. Much ecomusicological work is social and/or

political, and helps to illuminate the connections between the Kiribati people, their natural land- and seascapes, the effects of climate change, and how the islanders are responding through expressive culture.

A Case Study of Targeted Social-Emotional and Behavioral Supports

James Cressey

Poster

This participatory, descriptive case study illustrates the implementation of targeted social-emotional and behavioral supports in a diverse, high-needs elementary school. Through a mixed method, narrative approach, the authors outline how universal screening was introduced to teachers and conducted to determine which students would benefit from additional supports. A pilot of the check-in, check-out (CICO) intervention was introduced and monitored, with adaptations made to fit the context of the school community. In addition to a qualitative description of these implementation practices, the case study provides quantitative results from implementation fidelity measures, universal screening, and student progress monitoring results from a 3rd grade student. Implications and recommendations are shared for practitioners seeking to implement targeted systems in similar contexts.

Publication of The Effects of 17 α -ethynylestradiol on Anatomical Development of *Xenopus laevis*

Aline Davis & Rebecca Shearman

Poster

CELTSS funding was obtained to pay the printing fees for the peer-reviewed journal article summarized here. This study was conducted with undergraduate Biology majors. The African clawed frog, *Xenopus laevis*, spends its entire life cycle, including the period of metamorphosis, in an aquatic environment. Due to this habitat, *X. laevis* is susceptible to many water-based compounds, be they natural or synthetic. Concern has been rising about the accumulation of hormones and other endocrine disrupting compounds in ground water sources. For example, environmental exposure to the endogenous form of estrogen, 17 β -estradiol (E2), has been shown to affect the behavior, development, body proportions, and onset of ossification of *X. laevis* tadpoles. Another ground water contaminant and endocrine disruptor is 17 α -ethynylestradiol (EE2), a synthetic estrogen found in hormone replacement therapies and hormone-based birth controls. In this study, *X. laevis* tadpoles were chronically exposed to EE2 at two different concentrations, 2.5 nM and 5.0 nM, for 90 days. Animals exposed to EE2 exhibited a decreased startle response compared to control animals. Fully metamorphosed frogs were further analyzed for gastrointestinal (GI) tract development, body length, and limb length. EE2 exposed animals had an immature GI tract with more coils present compared to controls. Exposure to EE2 also resulted in an overall proportional increase in body size. The concentration of EE2 in ground water has been found as high as 2.3 μ M, a 100-fold greater concentration than what was used to induce the behavioral and anatomical changes observed in the *X. laevis* tadpoles in this study.

Promise and Practice: Green IT and BYOD

Karen Druffel

Presentation

We consider the relationship between two sets of practices in corporate information systems (IS) management: BYOD (Bring Your Own Device) and Green IT. BYOD programs allow employees to use personal information technology devices, such as laptops or tablets, on their work information technology (IT) network. BYOD is expected to reduce the overall number of IT devices per user, as well as energy consumption needed to power multiple devices. Organizations implementing BYOD often frame the initiative as a form of Green IT, but do we have support for these assumptions? What are these organizations doing to determine whether, in practice, BYOD complements or conflicts with some Green IT objectives? As a first step to our research question, we will assess the literature examining both trends, BYOD and Green IT, from both practitioner and academic perspectives. We present our research question and proposed framework for finding and categorizing the articles.

New Destinations, Immigration, and Crime: A Test of Competing Measures

Vincent Ferraro

Poster

The designation of “new destination” has received growing attention in the immigration-crime literature. Singer and colleagues first offered the concept of “new gateways” to describe metropolitan areas that experienced major growth in immigration either from 1980-200 (emerging gateways) or from 1990-2000 (pre-emerging gateways). The importance of the concept is its recognition that the process of immigration may be mediated by the structures in place to facilitate incorporation, structures which are expected to be more established in traditional destinations and less so in new immigrant locales. However, while recent research has incorporated a focus on new immigrant destinations, there has been limited discussion of how best to operationalize the concept. This paper presents an analysis of the effects of competing definitions of “new destinations” on rates of crime. Results offer directions for future analyses on this important aspect of immigration research.

2017 Association of College and Research Libraries (ACRL) Conference

Shin Freedman

Presentation

The Association of College and Research Libraries (ACRL) is the most influential professional organization in my discipline. The 2017 conference’s theme, “At the helm: Leading Transformation” is particularly relevant as I am interested in pursuing scholarly communication at FSU in the areas of how do researchers and scholars on our campus influence readership of their published articles and monographs. I have noted that changes are happening rapidly in the scholarly and academic arenas in measuring influence and attention. Scholarly influence has traditionally been measured by accepted methods such as a journal impact factor, or citation analyses of an author’s published works. But during the past several years “alternative” metrics has become a new way of assessing scholars’ impact, where more immediate, digital and social measures of attention via tweets, blog posts, downloads are used to measure the impact

of scholars and their works. However, there is still much misunderstanding about the method and measure over the reader and viewer. I'd like to explore these alternate methods in depth and introduce them on our campus.

Coaching in Academic Advising and Building Relationships with Students

Paul Galvin

Presentation

A learning environment is built on relationships. The skills to connect with students inside the classroom, during office visits such as academic advising, and other forms of communication are essential in facilitating student success and retention. Coaching is a specialty field that has been developed and applied to diverse professional environments such as small and large businesses, technology, and medical fields. Coaching is a natural fit for universities and learning communities that value relationship building with students and for faculty to be skillful mentors.

Dishonesty in a Digital World: Discrepancies Based on Communication and Relationship Type

Bridgett Galvin

Poster

This work is the result of collaborative efforts on the part of four FSU professors. This study was conducted in order to assess the perceptions of honesty in digital communications between professors and students. Given the move in higher education to more online and distance education courses/programs a question has arisen as to the degree of honesty on the part of students in an online course. Literature in both the business arena and psychological field indicates that specific types of communication may be related to different levels of honesty. Our findings shed light on some of the factors that may influence levels of honesty in digital communications.

Polynomial Extensions of a Diminnie Delight

Jeff Gao

Presentation

As a neat application of Chebyshev polynomials of the first kind, we extend to Fibonacci polynomials a complex recurrence studied by C.R. Diminnie. We then explore the corresponding versions to Lucas, Pell, and Pell-Lucas polynomials, and extract the respective number-theoretic versions. In addition, we pursue two interesting recurrences with Fibonacci, Lucas, and Pell, and Pell-Lucas implications.

A Study of Hornworts for the Presence of GSIIB Genes

Sohini Ghoshroy and Bryan Connolly

Poster

Glutamine synthetase is an essential enzyme found in all domains of life. The green algal/vascular plant lineage has GS genes of supergroup II. Distribution of GS within this lineage can be traced to vertical and horizontal transmissions. GSIIIE is of eukaryotic origin and vertically transmitted. It is found in all members of the vascular plant green algal lineage, while GSIIB was horizontally transmitted from the gamma - Proteobacteria lineage early in the evolution green algae. GSIIB is widely distributed

within green algae but restricted in distribution within early diverging lineages of terrestrial plants such as liverworts and mosses. Gymnosperms and angiosperms do not have GSIIB nor do the club mosses e.g. *Selaginella* sp. Previously, within the bryophytes, hornworts have not been sampled for GS genes. Two species of hornwort *Phaeoceros carolinianus* and *Blasia pusilla* were obtained and DNA extracted. The DNA was subject to polymerase chain reaction PCR for amplification. The first round of PCR produced only small amounts of product; therefore DNA amplification was performed a second time. DNA will soon be sent to the University of Massachusetts for sequencing to confirm which GS genes are present in hornworts. Presence or absence of GSIIB in this plant lineage will provide us with knowledge towards how plants have adapted to a drier environment and meet their nitrogen assimilation requirements.

GoT it right Memory for positive and neutral film clips

Michael Greenstein

Poster

This study examined the effects of a positive emotional stimulus on memory for information presented prior to, during, and after, the introduction of the emotional stimulus. Participants watched a film clip containing three scenes. The first and third scenes were identical, as were the auditory elements of the second scene. Visually, the second scene differed such that half of the participants viewed a positive emotional stimulus, and half did not. We tested participants' memory for each scene's audio and visual content as a function of the information's plot-relevance. We discuss the data's implications with respect to both theory and application.

Exploring Race, Situation, and Unarmed Status among Victims of Police Use of Deadly Force

Xavier Guadalupe-Diaz

Presentation

While the estimates vary by measure and source, police utilized deadly force on over 1,000 citizens in the United States in 2015 alone. A central theme in the literature discusses the role of race and situation in police decisions to use deadly force on civilians. Of particular concern are cases in which police utilize deadly force against unarmed suspects. The present project utilized media-reported data on cases of police use of deadly force. Binary logistic regression models were used to predict unarmed status among victims of police use of deadly force and to test conflict-oriented hypotheses. Findings show that blacks were significantly more likely to be unarmed victims of police use of deadly force when compared to non-blacks. Resisting arrest was not a significant predictor or control of the race effect. The results lend important discussion topics including theoretical explanations for use of force against unarmed civilians, future research, and policy directions.

Learning How To 'Do' Policy: Pre-service Teachers and Policy Knowledge in the Age of Accountability

May Hara

Poster

This project represents one component of an invited symposium at the 2017 American Educational Research Association annual meeting. This symposium focused on the complexities of how teachers understand and participate in the policymaking process, as well as how external pressures and structures influence agency. The symposium provided a comparative view of these concerns in multiple sites, and in so doing contributed to the limited scholarship around the interplay between educational policy, teacher education, and policy knowledge (Heineke et al, 2015).

Assessing Business Students Global Awareness

Michael Harrison and Jorge Riveras

Poster

This study examines the level of global awareness of collegiate business majors by sampling 350 undergraduate students prior to taking an introductory Globalization course. The study compares student levels of global awareness based on multiple factors including country of origin, language skills, international travel, gender and information sources students use to be globally aware. Additionally, comparative definitions and elements of global awareness used in prior research by scholars in global education are included, and the need for refining global awareness in context of business education is discussed.

Writing a Book Chapter: Case Study of Reebok's Product Innovation in Health and Fitness

Hae Won Ju

Poster

The purpose of this project is to write a book chapter (i.e., case study) focusing on product innovation of fashion brands. This is a third volume of the book series consisting of global cases of fashion brands (e.g., Italy, France, Korea, and USA). The previous volume focused on fashion brand internalization. I am writing a case of Reebok concerning its product innovation in the Health & Fitness category. This volume will be published in 2017. The contents of the case study will include the introduction/description of the company, analysis of its business model, practices, strategies, success points, and etc., and discussion and implication of the case. This book has significance in the fact that, currently, there is no textbook to use to discuss fashion brand cases in the courses. CELTSS funding was used to hire an undergraduate research assistant and support travel to meet an editor for discussions.

Entrepreneurial Pedagogy: An Experiential Learning Design

Robert Krim and Erastus Ndinguri

Poster

The case study explores the pedagogical design approach of combining students' seminar learning with the hands-on experience they gain from working at an entrepreneur center. Using a hybrid entrepreneur center, the case study illuminates a

new design of combining regular teaching (through seminars) and working at a center where interns obtain direct guidance from the entrepreneurs and the faculty facilitator.

An examination into the market for renewable energy credits.

Laura Lamontagne

Poster

Concerns over increasing energy prices and global climate have led to the proliferation of Renewable Portfolio Standards (RPS). An RPS is a form of regulation that is passed by a state and requires electric utilities to generate a minimum amount of electricity from renewable technologies by a specified future date. In order to prove compliance with the RPS regulation established by the state legislature, an electric utility must produce Renewable Energy Credits (RECs) to a state regulatory commission. One REC represents one megawatt hour of electricity generated from renewable technologies. As the market for tradable RECs develops, it becomes increasingly important to examine the scope and effects credit trading may have on energy production and prices. Markets for RECs are complex and designed by the intricacies of RPS mandates. RECs serve as an additional source of revenue for renewable generators. The price of renewable energy is equal to the price of the unit of energy generated plus the premium from the sale of the REC. Thus RECs serve as an incentive to invest in renewable technologies. Equilibrium prices of RECs will vary across states. This is due to differences across RPS, including ultimate goals, eligible technologies, specific carve-outs, resource endowments, in-state generation requirements and the intermittency of renewables. As credit trading has had minimal experience to date in the United States, this paper serves to present a detailed description of the emerging market for RECs, and discuss possible implications it may have on policy implementation, investment in renewable energy production, and prices to the consumer.

Professional Growth from Attendance at the International Literacy Association Conference

Diane Lowe

Poster

Professional development was the major purpose of attending the International Literacy Association conference in Boston, Massachusetts in July 2016. Attending a preconference institute that featured several of the top literacy leaders in the world opened this professional development opportunity. Attendance at the regular conference enabled me to hear numerous lectures and attend several workshops, again presented by experts in my field. The exhibit area showcased new instructional materials in the field of literacy. These experiences provided professional development to support my instructional practice at Framingham State University.

Creating Meaningful Programmatic Assessment with the AAC&U VALUE Rubrics

Patricia Lynne

Poster

This poster presents Framingham State's revisions of the written communication rubric, with particular emphasis on the ways that our university's attempts to bridge disciplinary differences fostered productive conversations on campus about the

function and importance of writing in our general education curriculum. This poster was originally part of a panel presentation on adopting and adapting the written communication VALUE rubric.

Re-Think and Re-Do: A Learning Opportunity

Sarah Mabrouk

Presentation

During the past few years, I have included a learning opportunity in connection with examinations and some assignments. This learning opportunity is designed to guide students to reconsider and revise their work as well as to enable them to reflect on their efforts throughout the course. For this opportunity, students determine and describe what was incorrect or incomplete in regard to their analysis, solutions, and/or proofs, discuss the changes that must be made and relate these to relevant information about the topics, methods, and theorems being used, and completely redo each problem or proof correctly. In this presentation, I discuss the requirements for this learning opportunity, its use in various courses from introductory courses such as quantitative reasoning and college algebra to calculus and courses for mathematics majors such as Euclidean geometry and numerical methods, the grade benefits to the students, and the effect on student morale and confidence as well as the continued benefits throughout the semester and on the final examination.

Farming, Water, Food Sovereignty, and Nutrition in Occupied Palestinian Territories

Susan Massad

Poster

A core Palestinian struggle is safeguarding adequate food and water. Palestine's agricultural economy drastically decreased since the 1967 war. Continued construction of illegal settlements, and the separation wall between Israel and the West Bank are significant barriers to food sovereignty. Much of the territory isn't connected to water networks and one-third of Palestinians suffer from food insecurity. The World Food Programme, the UNRWA, the Palestine Fair Trade Association, and NGOs work toward a common goal of enhancing Palestinians' lives in general, and improving the food and agriculture sector in particular. Better access to the region's nutritious, staple foods that are low on the food chain could readily provide nutritional needs to the Palestinians. A sample menu and nutrition analysis, intended to meet the UN Food and Agricultural Organization's minimum daily energy requirement of 1690 kcal per person per day for people in the Occupied Palestinian Territories is provided. If barriers to food access could be removed, food variety could be increased, and food plans meeting this baseline caloric and nutrient requirement would be within reach.

Brian Friel and the BBC

Kelly Matthews

Presentation

With CELTSS support, I embarked on a sabbatical trip to the BBC archives in Reading, England, and later presented my findings at the 2017 American Conference for Irish Studies in Kansas City. For A Day in May, I will present an excerpt of my conference

paper, which focuses on new documents I discovered related to Irish playwright Brian Friel. At the BBC, I found hundreds of previously unseen letters, revealing Friel's first hesitant steps toward theatrical writing, as well as a close relationship with his radio producer, Ronald Mason. In particular, I am interested in how Friel's beginnings in radio pointed him toward the theatre and shaped his writing career. After writing radio plays in the 1950s, Friel would go on to write 24 plays for Broadway and West End theatres, many of them focused on pivotal moments in Irish history and Northern Irish political unrest. He founded the Field Day theatre company with Stephen Rea and Seamus Heaney, and won numerous awards, including the 1992 Tony for best play for *Dancing at Lughnasa*, which was later made into a film starring Meryl Streep.

Pre-Service Teachers' Belief in Student Success in the Student Teaching Experience: Context Matters

Deborah McMakin

Presentation

Upholding and communicating the belief that all students can succeed are integral components of culturally responsive teaching and providing equitable opportunities for learning. The purpose of this case study was to examine how pre-service teachers' belief in academic success changed or was maintained during their culminating student teaching experience.

Maintaining Current Standards for Master's Education in Nursing Curricula

Susan Mullaney

Poster

A primary goal of the Nursing Department is to successfully maintain and update the accreditation standards for its Master's programs in Nursing as set forth by the Commission on Collegiate Nursing Education (CCNE), as well as the curricular requirements set forth by its partnering organization, the American Association of Colleges of Nursing (AACN). In order to conduct an effective systematic program review for the Master of Science in Nursing program curriculum, Drs. Mullaney and Bechtel attended the Master's Education Conference sponsored by AACN held February 23-25, 2017 at the Marriott Marquis Hotel in Atlanta. This conference, *Preparing Nurse Educators & Leaders to Embrace Change and Improve Practice*, provided insight into accurate interpretation of the national standards for Master's programs in Nursing and the assessment benchmarks. The benefits of attending this conference included the identification of ways to ensure that FSU's Master of Science in Nursing program curriculum and outcomes are congruent with the accreditation standards, data to inform the Nursing Department's Accreditation Midterm Report due in 2 years to ensure continuing full accreditation status, and the opportunity to learn from the successes of colleagues in similar programs.

Resilient and at risk? An exploration of strengths and stressors in predicting depressive symptoms and resilience among black women

Tamara Nelson

Poster

Black women, as a group, have experienced structural inequities and historical disadvantages that place them at increased risk for psychological distress and mental health disorders. Yet, many Black women demonstrate resilience, or self-efficacy, when faced with stressors and adversity. The primary objective of this study is to develop and test a model examining the role of SBW characteristics (i.e. an obligation to present an image of strength, an obligation to suppress emotions, resistance to being vulnerable, intense motivation to succeed, and an obligation to help others) in predicting depressive symptoms and resilience among a diverse sample of at least 200 Black women. This investigation will examine the role of social isolation and ethnic/self-pride in explaining the relationship between depressive symptoms and SBW and resilience. Finally, this study will examine if gendered racialized stress interacts with SBW characteristics in predicting depressive symptoms and resilience. Moreover, a deepened and more nuanced understanding of how SBW might be related to both positive and negative outcomes will have important implications for future research and clinical work within this area.

Coming to the U.S. Post-Nutrition Transition: Food Experiences of Brazilian Immigrants in Lowell, MA

Jerusha Nelson-Peterman

Poster

Objective: In the U.S., immigrant diets are influenced by multiple factors, including ongoing nutrition transitions in their home countries and past and current food insecurity. Middle income countries, such as Brazil, have experienced a nutrition transition with increased rates of overweight and obesity, putting them at increased risk of chronic disease if they immigrate to the U.S. This exploratory study among Brazilian immigrants in Lowell, MA (2 focus groups, n=16) examines relationships between access to food in Brazil prior to immigration and personal characteristics and current food security status in the U.S. It also provides qualitative context from focus groups for potential health and food issues that Brazilian immigrants in the U.S. face. **Methods:** An exploratory mixed methods study of Brazilian immigrant food experiences in Brazil and the U.S. was conducted among English as a Second or Other Language students in Lowell, MA. Two focus groups were held to explore food experiences, and all focus group members (n=16) completed a survey of basic demographic information, including past food experiences. Descriptive statistics were used to describe the population. Chi square analyses were used to assess differences in past food experiences and current food security status by personal characteristic.

"Triple Bottom Line" Practices in the Classroom and Across the Curriculum for Agents of Change in Apparel Disciplines

Virginia Noon

Poster

Social responsibility, sustainability, and ethics are topics that have prominently emerged in courses within textiles and apparel curriculum over the past 15 years in direct response to industry best practices. As the importance of these topics and practices using a "Triple Bottom Line" (TBL) approach is recognized and spread across college campuses, there still remains a challenge of how to blend this content holistically within an academic curriculum and transfer this learning to real life implications for students. This interactive session will explore successful approaches for the integration of the TBL dimensions within the curriculum presented by members of Educators for Socially Responsible Apparel Practices (ESRAP).

Adaptive Cost Optimization and Fair Resource Allocation in Computational Grid Systems

Satish Penmatsa

Presentation

Grid computing systems offer large scale computing resources and can help carry out computation intensive jobs with improved efficiency and reduced business costs. Due to the heterogeneity of the computation and communication resources in these grid systems, efficient allocation of user jobs to resources is essential for reducing the execution time and costs. In this project, we study an adaptive job allocation scheme whose objective is to reduce the execution costs of user jobs and also provides fairness in terms of the cost for all users in the system. The performance of the proposed scheme is evaluated using simulations with various system loads.

Infusing Research Methods Training into a Psychology Internship Capstone

Cynthia Prehar

Poster

This CELTSS funding grant facilitated attendance at the National Institute for the Teaching of Psychology, and enabled me to present on ways to integrate research training into a capstone Internship course.

Navigating Ethno-Racial and Legal Marginalization: The Workplace Incorporation Experiences of Latinx Professionals in the American Northeast

Lina Rincón

Presentation

The paper examines how professional migrants with different legal and social citizenship statuses navigate their incorporation to the American workplace and society. Based on 62 in-depth interviews with Latinx migrant professionals in the American Northeast, I compare the impact social discourses about race have on the professional and personal lives of these professionals. I discuss the impact of ethno-racist interactions in workplaces and public places on their professional and social experiences. I examine how ethno-racial stereotyping and accent marginalization in American workplaces generate spaces of exclusion that shape the professional

advancement experiences of these professionals. I also reveal some of the strategies used by these professionals to countervail the aforementioned challenges: putting their professionalism on the forefront, denying racial stratification and embracing multiculturalism narratives are among those strategies.

A Response to Same-Sex and Different-Sex Parent Households and Child Health

Nicole Rossi

Poster

A poster based on a response paper will include a detailed examination of potential contributing factors to increased parenting stress experienced by female same-sex parents; these factors include: differences in the appraisal of parenting roles and involvement among same-sex versus different-sex parents, demographic variables such as geographic location, educational attainment, employment status, and income (these factors were not fully assessed in the Bos, Knox, van Rijn-van Gelderen, & Gartrell, 2016 study), social supports surrounding childrearing, and mental health.

What makes student faculty collaborations succeed or fail?

Virginia Rutter and Megan Peterson (FSU '17, Sociology)

Presentation

This joint presentation by faculty mentor Virginia Rutter and student researcher Megan Peterson (Sociology '17) will offer perspectives on student/faculty collaborations that work. The faculty/student research assistant relationship involves mentoring and employment for the student, and ideally involves achieving academic goals for the faculty member. Getting there is rewarding--and not without challenges and missteps. Topics covered will include: communication, deadlines, check-ins, misunderstandings, and assignments that are well suited to successes for students and faculty.

Solution Focused Academic Advising: A Tool to Promote Retention

Annmarie Samar

Poster

Academic advising has been identified as a key factor in student retention. Advising is often mandated to obtain permission to register for courses or progress through an academic major. The nature of the advising is multifaceted; advisers often serve as counselors to students who need guidance for majors and career decision-making and support to facilitate problem solving. The charge to develop rapport and an understanding of the student's work-life balance in one session (15-20 minutes) can be daunting for both adviser and student. The advising role is especially significant when students face academic failure, inability to progress or a loss of status and identity relative to a major. Given these challenges, a solution-focused approach to advising may be of benefit to the adviser and advisee. The solution-focused approach is a way of having a conversation that emphasizes strengths, what is going well, and provides an opportunity for the advisee and the adviser to visualize a positive outcome. It is designed to construct a sense of competence and confidence. This approach may be particularly beneficial with struggling and anxious students given its emphasis on increasing academic self-efficacy and self-regulated learning which can enhance executive functioning and foster grit. This poster will describe university faculty

members' experience using Solution Focused Academic Advising as a strategy to increase retention and advisee and adviser satisfaction in the advising process.

**"Marble, Ivory, and Braided Hair: Remembering the Wreck of the Rose in Bloom,"
Nineteenth-Century Studies Association in Charleston, SC**

Erika Schneider

Poster

During the Great Coastal Hurricane of 1806, the Rose in Bloom, en route from Charleston, South Carolina to New York, capsized on August 24 off the coast of New Jersey killing almost half of her 48 passengers. Among them was the American Revolutionary General John McPherson (1756-1806), a member of the First Presbyterian Church, whose only daughter, Elizabeth McPherson (1783-1843), survived the wreck. The McPherson family commissioned the Belgian sculptor, Jean De Vaere (1754-1830), to create a memorial to commemorate the tragedy and salvation to be donated to their church. However, as legend has it, the congregation rejected the marble relief upon its completion due to the figures' nudity, which includes a supine, bare-breasted Elizabeth. From an art historical perspective, this paper considers the role of artistic patronage in America for nineteenth-century memorials and the complications of translating European Neoclassical aesthetics to the American public. Yet the variety of testimonies addresses the transient nature of memory and the problematic issue of memorials themselves. Accounts of the disaster as well as a visual interrogation of the relief and other related remembrances demonstrate the diverse dialogue between traditional media and material culture to express loss and memorialize loved ones lost at sea.

Social Problems: The Hidden Stories

Ira Silver

Presentation

This book I'm writing shows undergraduates fascinating new ways to understand social problems. It explores a wide range of topics they already know something about, because they're publicized on social media, featured in news reports, and dramatized on TV. Many of these issues also likely have an impact on students' own lives. This book gives them the tools for seeing the world in thought-provoking ways they likely haven't considered before. It digs into the details, expanding upon what they already know about social problems and giving them more nuanced understandings.

Self-compassion, Motivation, and Self-perceptions in Relation to Physical Activity

Brian Souza

Presentation

In difficult times, self-compassion (SC) involves treating oneself kindly, being mindfully aware of one's emotions, and perceiving one's struggles as part of a common human experience (Neff, 2003). In this presentation I will share research I presented at the Annual Conference of the Association for Applied Sport Psychology. One study examined the relationships between SC and different forms of physical activity motivation as conceptualized by self-determination theory (Ryan & Deci, 2000), and self-reported physical activity. The second study, situated within objectification theory

(Fredrickson & Roberts, 1997), explored the relationships among SC, self-objectification, social physique anxiety, body shame, and body appreciation. I will share the future directions I hope to pursue with this line of research, and discuss the possible benefits to Framingham State students, faculty, and staff.

What Did You Bring With You? An Update on “The Last Address”

Leslie Starobin

Poster

This question is the opening line I have been using in conversations with Jewish immigrants, Jewish refugees, and Holocaust survivors over the last decade. This question is also the one humanitarian workers in Jordan asked Syrian refugees in 2015. With a course reduction from CELTSS in fall 2016, I returned to my 2008 sabbatical project on Jewish refugees. In light of the current immigration and refugee crisis, I researched additional narratives for “The Last Address.” I also prepared for a solo exhibit at the Center for Jewish History in NYC. The still-life montages on display feature Jews from Iraq, Iran, Lebanon, Libya, and Yemen; the caption material was adapted from The Last Address. The exhibit was funded in part by a Professional Development Grant from CELTSS.

The Message is the Medium: toward a pragmatist reading of Marshall McLuhan

Niall Stephens

Presentation

Against interpretations of Marshall McLuhan as a materialist, the content and methodology of *Understanding Media* permit a reading of McLuhan as an immaterialist: an intuitive thinker, at least as interested in immaterial as in material aspects of the world. Because it fails to achieve a pragmatic balance between poetic and technical modes of understanding, I describe McLuhan’s approach as poetic excess, offering a torrent of flashing insights that never pauses long enough to be subjected to the light of material detail. This is a kind of double-edged sword, alienating some readers while inspiring others. McLuhan’s poetic excess is a reminder of the sweeping epistemological power of poetic thinking, but also of its insufficiency for the most detailed, accurate understanding. Because poetic texts should not be read literally, we should forgive McLuhan’s affronts to rational empiricism. McLuhan’s immaterialist epistemology, inseparable from the material content of his insights, is a valuable part of his distinctive and foundational contribution to media studies.

National Council on the Education for Ceramic Arts: Future Flux

Keri Straka

Poster

I attended the National Council on the Education for Ceramic Arts conference in Portland Oregon March 22-26th. The title of this conference was "Future Flux." During my time at the conference I was able to attend many seminars, lectures, and exhibitions that were all concerned with the content of the future of the medium of clay and the flux of the current trends within the field. Additionally I helped to organize a large scale building project with Hands House Studios where Framingham State University students and I will be helping to build 1,000 ceramic horses in the Minoan style, for a

large scale installation at the International Spy Museum in Washington D.C. Spring 2018.

Response to Big Magic with Vibrant Movement

Keri Straka

Poster

Response to Big Magic with Vibrant Movement Response to Big Magic with Vibrant Movement May 12-14th I attended the workshop "Big Magic / Bold Music" with Elizabeth Gilbert and Rayya Elias for the purpose of deepening my creative process as a sculptor. Based on the book Big Magic: Creative Living Beyond Fear, I worked on writing prompts given by the workshop presenters which helped to bring new modes of inquiry to how the creative process is interpreted and employed.

The Joking Voice: Humor and Empathy in Twentieth-Century American Poetry

Rachel Trousdale

Presentation

The Joking Voice argues that American poets of the last hundred years use laughter to promote recognition of shared humanity across difference. The book uses theories of humor and of empathy to show how American poets make humor a tool for encouraging mutual understanding among artist, audience, and subject, and an ethical ground from which to reframe and reject literary and political hierarchies.

Advanced Bird Banding: Fall Aging and Sexing

Brandi Van Roo

Presentation

I attended a 5-day workshop on Advanced Bird Banding: Aging and Sexing. This workshop provided the opportunity to handle over 400 birds in order to hone skills in species identification and determining age and sex of birds based on plumage molt patterns. These advanced skills will allow me to engage in long-term avian conservation monitoring projects, coordinated by the USGS Bird Banding Laboratory. These programs can be conducted at the Warren Center for student participation, training, and research. The techniques acquired have already been incorporated into PowerPoint lectures for Wildlife Biology and Ornithology courses.

The motivations to adopt eco-fashion products: were Chinese consumers underestimated?

Ruirui Zhang

Presentation

Fueled by increased affluence and the modernization process, China is experiencing dramatic changes in its culture, social value, and consumption values. Xiao and Kim (2009) revealed that for Chinese people, the satisfaction of functional needs has been replaced by social, emotional and experiential needs in apparel consumption. This transformation indicates that Chinese consumers' attitudes and products selection are moving towards health, happiness, and self-satisfaction. In addition, due to a higher educational level on average, more disposable income, as well as increasing social responsibility and environmental awareness, Chinese consumers are shaping up to

promote sustainable consumption. In general, Chinese people have a stronger financial incentive to live sustainably, and they have more flexibility to change. To address the research gap in addition to delivering practical formation for sustainable development and consumption in the context of the fashion business in China, by applying MOA model, the purpose of the study is to determine the factors that influence Chinese consumers on pursuing eco-fashion consumption.

Developing a Center for Peace and Justice Studies: Opportunities for Local and Global Collaboration

Ellen Zimmerman and Evelyn Perry

Presentation

I have been awarded a USIEF Fulbright Nehru Senior Scholar Fellowship for fall 2017 and will be teaching at University of Hyderabad in India. A primary component of my project involves collaboration with Indian colleagues at University of Hyderabad's Center for Human Rights, as well as its Center for Social Exclusion and Inclusive Policy. In preparation for that project, and with the support of CELTSS, I have been researching human rights, social justice, and peace studies programs and centers in New England. Many ideas for learning and collaboration have emerged from deep conversations with colleagues at surrounding institutions of higher education. I will discuss some of the teaching and research opportunities that could be available to FSU faculty and students through the development of a proposed FSU Center for Peace, Human Rights, and Social Justice.