

Tuesday, May 21, 2019
McCarthy Center, Forum
8 a.m. – 3:30 p.m.



Framingham
State University

A Day in May

A Celebration of Teaching, Scholarship, And Creativity



Join us after lunch for a
faculty-led discussion on
Implicit Biases and
Color-Conscious Strategies
in the Classroom

Event Sponsored by:

CELTSS

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

For more information, please contact
CELTSS at celtss@framingham.edu

A Day in May

A Celebration of Teaching, Scholarship, and Creativity

May 21, 2019

Contents

Schedule.....	4
CELTSS Steering Committee.....	8
Poster presentations.....	9
Titles and Abstracts Posters and Presentations.....	10

SCHEDULE

- 8:00-8:30** **Forum** Registration and buffet breakfast
- 8:30** **Forum** Welcoming Remarks
Dr. Javier Cevallos, President
- Introduction to the Day in May
Dr. Jon Huibregtse, Director of CELTSS
- 8:35-9:35** **Alumni Room** Poster Session

9:40-10:35 a.m. Panel Session I

Room 415

Facilitator: Ellen Rearick

- Sandy Hartwiger, English
Recognition, Reparations, Reconciliation: A Conference Experience in South Africa
- Laura Hudock, Education
Now Trending!: Latinx Representation in Transitional Chapter Books
- Amy Knapp, Biology
Teaching students the importance of physiological environments when testing systems in the lab

Room 417

Facilitator: Sarah Pilkenton

- Wardell Powell, Education
Using Socioscientific Issues to Enhance Middle School Students' Understanding of the Effects of Fracking on Environmental Health
- Bryan Connolly, Biology
Publication of Taxonomic Updates to the Chokeberry Genus *Aronia* (Rosaceae), Floristic Change in New England; and New Botany Research
- Vandana Singh, Physics and Earth Science
The Eastern Himalayas as a setting for an Interdisciplinary Understanding of Climate Change

Room 419

Facilitator: David Smailes

- Keri Straka, Art and Music
Movement in Clay: Float and Ground
- Ben Alberti, Sociology
Theoretical Archaeology: The state of the field
- Kristen Bennett, English
"The Lap[se?] of Error": Reconsidering the title of Elizabeth I's "Golden Speech"

1839 Room

Facilitator: Amanda Simons

- Virginia Rutter, Sociology and Jessica Morgan, Sociology Honors Student
How different are advising expectations for students and faculty?
- Deb McMakin, Psychology & Philosophy
Widening the Circle: Creating and Sustaining a Faculty Institute for Inclusive Excellence
- Shelli Waetzig, Chemistry and Food Science
Advising pre-health students: A moving target

10:40-11:35 a.m. Panel Session II

Room 415

Facilitator: Virginia Noon

- Shin Freedman, Library
Fulbright Book Project: Narrative Inquiries from Fulbright Educators in China
- Christian Gentry, Art and Music
Stockpiles
- Ruirui Zhang, Fashion Design and Retailing
A Shift from Traditional Ownership to Access-based Consumption: Identifying Chinese Consumers' Responses to Fashion Renting Business

Room 417

Facilitator: Leslie Starobin

- Bart Brinkman, English
Mapping Modern Poetry in the Mass Magazines: Poetry in Crisis
- Ellie Krakow, Art and Music
Mirrored Back
- Kate Caffrey, Communication Arts
Interactive Pedagogy: Using Acting and Improvisation Techniques in the Playwriting Course

Room 419

Facilitator: George Bentley

- Borga Deniz, Management Business and IT
Replenishment Policies for Management of Perishable Inventory under Substitution: A Computational Study
- Satish Penmatsa, Computer Science
Hierarchical Two-Dimensional Guided Loop Self- Scheduling for Distributed Systems
- Rachel Trousdale, English
Auden and Moore's Empathic Humor

1839 Room

Facilitator: Brian Souza

- Greg Halfond, History
Monastic Patronage in Seventh-Century Gaul: An Episcopal Perspective
- Holly Pearson, Sociology
What's missing from the diversity and equity conversations in higher education? Two-cents from the lens of an oddball
- Jerusha Nelson-Peterman, Food and Nutrition
Food Insecurity: Vulnerable Populations and Health Implications

Alumni Room

Facilitator: Bridgette Sheridan

- Patricia Sanchez-Connally, Elizabeth Whalley and Lina Rincón, Sociology
Border Awareness Experience in El Paso, TX

11:40	Forum	Lunch
12:15	Forum	Welcoming Remarks: Dr. Linda Vaden-Goad, Provost and Vice President, Academic Affairs
	Forum	Introduction to the Faculty Led Discussion: Jon Huibregtse, CELTSS Director
12:20-1:25	Forum	Faculty Led Discussion on Implicit Biases and Color-Conscious Strategies in the Classroom Join us for a faculty-led discussion about the effects of implicit biases in our classrooms. Using brief clips from the documentary <i>White Like Me</i> to begin the dialog, panel members will briefly discuss their strategies to mitigate biases. The goal of the session to learn from one another.

1:30 – 2:25 p.m. Panel Session III

Room 415

Facilitator: Sandra Rahman

- Brian Bishop, Art and Music
Public Art and Political Change: All Things That Rise Must Converge Panel at
CAA Annual Conference
- Joe Adelman, History
Revolutionary Networks: The Business and Politics of Printing the News,
1763-1789
- Patricia Horvath, English
Rewriting History: Why It's Not Okay to Fictionalize Our Memories

Room 417

Facilitator: Satish Penmatsa

- Colleen Coyne, English
Enrollment in a Grant Training Center Course to Enhance Pedagogy in
ENGL: Grant Writing
- Karen Druffel, Management and Business IT
You've Got Lies: Moral eDisengagement in eMail and Text Messaging
- Jeff Gao, Computer Science
Polynomial Extensions of a Putnam Delight

Room 419

Facilitator: Hedda Monaghan

- Kelly Matthews, English
Student design of program book for the American Conference for Irish
Studies
- Brandi Van Roo, Biology
Womens Tree Climbing Workshop
- Kaitlyn Selman, Sociology
Unshackled Imaginations in Youth Justice: Exploring Utopia(s) for an
Abolition Democracy

Alumni Room

Facilitator: Phoebe Lin

- Kaan Agartan, Sociology & Joe Coelho, Political Science
Authoritarian Populism, Balkan Style: Nationalism and Islamic Revivalism in
Turkey and Kosovo

- Maggie Campbell Obaid, Psychology and Philosophy
An offender by any name: Unpacking the “terrorist” and “lone wolf” labels
- Xavier Guadalupe-Diaz, Sociology
Transgressed: Intimate Partner Violence in Transgender Lives

2:30 – 3:20 p.m.

Alumni Room

CELTSS “All About Personnel Actions” Workshop

Faculty who will be coming up for personnel actions in 2019-20 (reappointment, tenure, promotion, or post-tenure review) will have the opportunity to talk informally with representatives from the faculty union and the promotion and tenure committees.

Colleagues who have recently been through one of the actions will also be present to answer questions. 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 you will be entered in a raffle to win a brand new Echo Dot.

Thank you to the 2018-2019 CELTSS Steering Committee:

George Bentley, Geography

Colleen Coyne, English

Mary Grasseti, Education

Jon Huibregtse, History (Director)

Phoebe Lin, Psychology and Philosophy

Hedda Monaghan, Library

Matthew Moynihan, Mathematics

Virginia Noon, Fashion Design and Retailing

John Palabiyik, Management and Business and Information Technology

Satish Penmatsa, Computer Science

Sarah Pilkenton, Chemistry and Food Science

Sandra Rahman, Marketing

Ellen Rearick, Nursing

Lina Rincón, Sociology (Assistant Director)

Robin Robinson, Education Technology Office

Luis Rosero, Accounting, Economics, and Finance

Erika Schneider, Art and Music

Bridgette Sheridan, History

Ira Silver, Sociology (Director of Mentoring)

Amanda Simons, Biology

David Smailes, Political Science

Brian Souza, Food and Nutrition

Leslie Starobin, Communication Arts

Everton Vargas da Costa, World Languages

Poster Presentations

Alumni Room

8:35-9:35

Benjamin Atchison	Corequisite Remediation for GenEd Mathematics and Statistics Courses: Year Two
Cynthia Bechtel	Professional Development for Nurse Educators: National League for Nursing Education Summit 2018
Seunghye Cho	A Widening the Circle: Diversity and Inclusion in Design Thinking Process Project in Fashion Design Curriculum
Marian Cohen and Ruth Remington	Experiences of Health Care Personnel with the Health Care System
Jennifer DeLeon	Bringing the Conference Back to Campus: Kweli Color of Children's Literature Conference
Mirari Elcoro	Women in Behavior Analysis
Michael Greenstein	Decision Making in Simulated Circumstances
Laura Kane	Why Cosplay? Exploring Motivations Behind Participation in Cosplay Using the Self-Determination Theory of Behavior
Laura Kane	Vertebrae: A Tribute to the Oregon Coast Part 3
Megan Lehnerd	Enhancing students' meal planning and budgeting skills through the use of spreadsheets
Phoebe Lin	Variations to traditional multiple-choice-testing: Cognitive science principles at work
Susan Massad	Trends in Nutrition and Dietetics
Lawrence McKenna	Climate change at the click of a button: building digital auto-updating graphic tools for climatological data
Luis Rosero & Fahline Sjuib	An Analysis of Economic Impact of FSU on Surrounding Communities
Zahra Tohidinia	Society for Consumer Psychology Conference
Everton Vargas da Costa	Community-based research and teaching: preliminary reports

Titles and Abstracts for Posters and Presentations

(arranged alphabetically by the author's last name)

Revolutionary Networks: The Business and Politics of Printing the News, 1763-1789

Joseph Adelman

Presentation

During the American Revolution, printed material, including newspapers, pamphlets, almanacs, and broadsides, played a crucial role as a forum for public debate. In *Revolutionary Networks*, I argue that printers—artisans who mingled with the elite but labored in a manual trade—used their commercial and political connections to directly shape Revolutionary political ideology and mass mobilization. Going into the printing offices of colonial America to explore how these documents were produced, *Revolutionary Networks* shows how printers balanced their own political beliefs and interests alongside the commercial interests of their businesses, the customs of the printing trade, and the prevailing mood of their communities.

Authoritarian Populism, Balkan Style: Nationalism and Islamic Revivalism in Turkey and Kosovo

Kaan Agartan

Presentation

While the discussion of the contemporary rise of populism enjoys great popularity in journalistic and academic circles, emphasis is often placed on the common traits of the “authoritarian turn” led by emboldened charismatic leaders pursuing a discourse of xenophobia, ethno-nationalism and anti-elitism. Seen through these myopic lenses, nuances in the rise of “new nationalism” in different corners of the world are often overlooked. This paper, in contrast, advances a regional-scale analysis that has so far received nominal attention in the scholarship, and investigates the rise of a peculiar form of populist nationalism in the Balkans where religious identity has increasingly become a litmus test for national belonging. More specifically, by way of offering a comparative study of Kosovo and Turkey, we examine the role of Islamic revivalism in the rise of populist nationalism in the Balkan region. Our argument is that the confluence of two regional dynamics – the troubled relationships the EU has had with Turkey and Kosovo (two Muslim-majority countries seeking EU membership without high prospects) on the one hand, and Turkey’s export of its version of Islam in line with its neo-Ottomanist aspirations to increase its sphere of political influence in the larger Balkan region on the other – contributed to the rise of a “supranational Islamic identity” which in turn cultivated distinct yet connected forms of populism in both countries. The paper demonstrates that while populist nationalism in Turkey has become increasingly authoritarian in the hands of the new religious elite aggressively pursuing a conservative agenda in its relations with the Balkans to consolidate its domestic power, this very agenda has cultivated a small but growing grassroots religious revivalism in Kosovo, ripening it for authoritarian populism.

Theoretical Archaeology: The state of the field

Ben Alberti

Presentation

My research covers several areas within archaeology, all concerned with developing theory to advance archaeology as a field: feminist archaeology, an ontological approach to archaeology, and the relationship between art and archaeology. With CELTSS funding I attended the 40th Theoretical Archaeology Group conference, the flagship international archaeology conference, in Chester, UK. I researched people and materials for a workshop on gender archaeology, a book under preparation on ontological archaeology, and a journal paper on what art can do for archaeology. In this paper, I will present what I see as the common thread that unites these apparently disparate fields, what I am calling “the search for difference – what the past can tell us.”

The Lap[se?] of Error”: Reconsidering the title of Elizabeth I’s “Golden Speech

Kristen Bennett

Presentation

This essay reviews the publication history of Elizabeth’s I’s final speeches to raise questions about

how editors may retain documentary and historical accuracy when modernizing, abbreviating, and otherwise altering early modern titles. Digital spelunking in the British Library's English Short Title Catalogue (ESTC) and cross-checking my findings in Early English Books Online has so far revealed that all printed variants of Elizabeth's 30 November 1601 speech to Parliament that follow A.B.'s contemporaneous edition, "Her majesties most princelie answeare, delivered by herselfe at the Court at White-hall, on the last day of November 1601," have historically inaccurate titles. The confusion begins in 1628[?] when one finds an edition of "Queene Elizabeth's Speech to Her Last Parliament" that was published twice again in 1642[?] with the same title. Yet these texts bear no resemblance to what Leah Marcus, Janel Mueller, and Mary Beth Rose have identified as Elizabeth's "last" speech to Parliament, dated 19 December 1601 (Elizabeth I Collected Works 346-354); each is a variant of the 30 November speech. In 1659, Thomas Milbourn compounded the confusion when he published "The Golden Speech of Queen Elizabeth to her last Parliament 30 November, anno Domini 1601." Many of Elizabeth's editors have yet to clarify the historical and documentary discrepancies, following a centuries-long habit of referring to Elizabeth's penultimate Parliamentary speech as her gilded swan song. Broadly speaking, the upshot of these titular emendations has been to historicize Elizabeth's last acts in Parliament as "Golden," and to forget the Spanish threat to Ireland that she discussed in her December 1601 address. The convoluted transmission and documentary history of Elizabeth's final speeches challenges received wisdom about treating titles as labels, or assigning them based on convenient editorial conventions.

Public Art and Political Change: All Things That Rise Must Converge Panel at CAA Annual Conference

Brian Bishop

Presentation

At the 107th Annual Conference of the College Art Association I co-chaired a panel entitled "Public Art and Political Change: All Things That Rise Must Converge". This panel session addressed public art in the current socio-political environment including but not limited to the recent toppling of Confederate statuary in Baltimore, Charlottesville, Durham, and New Orleans as well as recent controversies surrounding proposed public art installations in Boston, New York and Chicago. The panel questioned how integral are local, regional and national politics to the discourse surrounding works of art in the public domain, and the importance of legacy, history and purpose.

Mapping Modern Poetry in the Mass Magazines: Poetry in Crisis

Bartholomew Brinkman

Presentation

I will present a version of the paper, "Mapping Modern Poetry in the Mass Magazines: Poetry in Crisis," that I presented at the recent conference, "Mediating American Modernist Literature: The Case of/for Big Magazines, 1880-1960." I will more generally discuss the importance of digital humanities and periodical studies for understanding American literature.

Interactive Pedagogy: Using Acting and Improvisation Techniques in the Playwriting Course

Kate Caffrey

Presentation

After writing the seminal book on Second City, *Something Wonderful Right Away*, Jeffrey Sweet wrote an article, *Improvisation as a Playwriting Tool*, in which he states, "...Improvisers and dramatists face the same challenge: how to sustain dramatic action that compels the attention of the audience." Professor Kate Caffrey will demonstrate and discuss how her movement improvisation, the *Living Sculpture*, can help students work collaboratively on story and character development in the Playwriting class.

An offender by any name: Unpacking the “terrorist” and “lone wolf” labels

Maggie Campbell Obaid

Presentation

There has been a lot of public discussion in recent years about the labels of “terrorist” versus “lone wolf” as they are applied to people who commit acts of violence. Some people have argued that the use of these terms are heavily racialized, and that the application of these labels can evoke different stereotypes, emotions and preferred ways of responding to the act of violence. Despite media interest in this topic, there is not much psychological work in this area. We conducted a study to investigate the similarities and differences in people’s characterizations of terrorists and lone wolves who commit violence. We also investigated whether these characterizations were related to participant ideologies, including blind nationalism, constructive patriotism, social dominance orientation, and right-wing authoritarianism. Results forthcoming.

Publication of Taxonomic Updates to the Chokeberry Genus *Aronia* (Rosaceae), Floristic Change in New England; and New Botany Research.

Bryan Connolly

Presentation

This is a three part project. 1) The chokeberries are an enigmatic genus of woody shrubs from eastern North America. Through my dissertation work I was able to show species morphological and geographical boundaries, as well as establish which taxa could be hybridized and genetically available to improve the shrubs for berry quality and as well as for ornamental purposes. I will report my results in peer reviewed scientific journal. 2) My research at FSU has resulted in the discovery of several range extensions of plant species. I am interested in reporting these to the scientific community because they may represent new invasive species or plant responses to climate change. 3) I hope to launch two new research projects, one restoring a rare, endangered, and nearly extinct Puerto Rican plant, and another extracting beneficial compounds from club mosses while working with collaborators in Ecuador.

Enrollment in a Grant Training Center Course to Enhance Pedagogy in ENGL: Grant Writing

Colleen Coyne

Presentation

I successfully completed Professional Proposal Writing, a comprehensive Grant Training Center online course, to ensure I could share current best practices with my students in ENGL: Grant Writing, which was offered for the first time in Spring 2019.

Replenishment Policies for Management of Perishable Inventory under Substitution: A Computational Study

Borga Deniz

Presentation

In this paper we study the management of perishable inventory when there is separate demand for products at different ages via simulation. For a product that has two periods of lifetime, in our model, we allow substitution between old and new items while customer does not always accept a substitution offer. Heuristic policies are proposed in order to lower operational costs.

You’ve Got Lies: Moral eDisengagement in eMail and Text Messaging

Karen Druffel

Presentation

In 1996, psychologist Bandura described seven types of cognitive processes people use when they lie, cheat, or otherwise behave in a way that is in conflict with social norms. These processes, which he calls moral disengagement, are psychological mechanisms to reduce the offender’s perceived culpability by shifting some of the blame to others or circumstances, or to minimize the negative consequences of the objectionable behavior. Our research explores whether Bandura’s moral disengagement changes when the behavior in question uses information technology for

communication, rather than face to face interaction. As a first step, we developed a survey designed to identify the cognitive processes used to explain or justify lying via email and via text message, distributed it to undergraduates, and used factor analysis to interpret the responses. The factor analysis indicates some mechanisms used for deceptions using ICE are similar to those defined by Bandura, but other factors suggest new cognitive processes related to the use of ICT.

Fulbright Book Project: Narrative Inquiries from Fulbright Educators in China

Shin Freedman

Presentation

This Book Project is a collected volume of essays from twelve Fulbright Scholars in China during the academic year, 2016-17 using narrative inquiry as a methodology. The book includes each educator's reflections and they discuss their interactions with students and colleagues and with culture and place.

Polynomial Extensions of a Putnam Delight

Zhenguang Gao

Presentation

Fibonacci, Lucas, Pell, and Pell-Lucas polynomials are a fertile ground for imagination and creativity. They offer boundless exploratory opportunities for Fibonacci and Lucas enthusiasts. This article features one such activity; it extends a delightful Fibonacci problem that appeared in the 68th William Putnam Mathematical Competition to Fibonacci, Lucas, Pell, and Pell-Lucas polynomials.

Stockpiles

Christian Gentry

Presentation

The funds were used toward manufacturing, distribution, design, and mastering of my second full-length album of electronic music called Stockpiles. The goal was to create a document of music in multiple formats to reflect current artistic preoccupations. The album is available as a CD, cassette tape, and digital download. I continue to learn so much about the intricacies of how mixing electronic music is an art in and of itself. Composing and improvising are the creative foundations that get the content generated, but mixing makes the music come alive in surprising ways. I also collaborated with a talented art student, Robert Bradley, to create the album artwork. I learned a lot about student/teacher collaboration and how the physical representation of an "aural" phenomenon can change the perception of that object. I also continued to learn more about the music industry and how to promote and get music into the ears of interested listeners. One of the great outcomes of this project has been how I can more adeptly discuss the "bureaucratic" processes of music-making with students. It is definitely about the creativity, but it is also about understanding how creative processes interface with the listening public as well as pre-existing business and distribution models.

Transgressed: Intimate Partner Violence in Transgender Lives

Xavier Guadalupe-Diaz

Presentation

This book focuses on the stories of eighteen transgender survivors of intimate partner violence (IPV) and how their accounts challenge conventional understandings of this form of abuse. By examining the contexts in which abuse occurs, the book anchors transgender experiences with IPV within a largely trans-antagonistic culture. The prevalent themes in the accounts describe how transphobic and genderist attacks manifested as distinct patterns of abuse. The book discusses a prominent dynamic of the abuse as controlling transition, in which victims felt that abusers wanted to regulate their identities. This control occurs through two generic strategies: (1) discrediting identity work, redefining the situation to focus on participant-defined insecurities, a form of altercasting; and (2) targeting sign vehicles, including regulating gender transition treatments and controlling through props. Finally, survivors described what is referred to as walking the gender tightrope in which respondents used gendered language in the processing of their victim identity. Additionally, they discussed various help-seeking strategies and how they navigated genderist boundaries and barriers

to these resources. The book works toward characterizing the distinct experiences of transgender survivors of IPV while also identifying differences across the intersections of race, class, and gender identities.

Monastic Patronage in Seventh-Century Gaul: An Episcopal Perspective

Greg Halfond

Presentation

Recent research has undermined the notion of a monolithic monastic movement imported wholesale from Ireland by its namesake. However, these efforts at revisionism have not been extended to the conventional narrative of Columbanian monasticism's supposed effects within Gaul. It often is assumed that the Gallo-Frankish Church experienced a "ruralization" in the seventh-century, in which monasteries and their abbots supplanted bishops as the primary recipients of royal and aristocratic patronage. In the ensuing "competition" between bishops and monks, the latter usually are assumed to have emerged triumphant. In my article, I argue that bishops themselves were willing and active patrons of monasteries, and did not need to be pressured by either the royal court or familial obligations into exempting the latter from episcopal oversight. This argument is based above all on a comprehensive examination of the corpus of surviving episcopal exemptions, and a prosopographical analysis of their subscribers and addressees.

Recognition, Reparations, Reconciliation: A Conference Experience in South Africa

Alexander Hartwiger

Presentation

In this talk, I will offer an overview of my experience at the triennial conference "Recognition, Reparations, Reconciliation" in Stellenbosch, South Africa. In addition to discussing the unique format that brought scholars from around the world together to discuss inherited trauma alongside victims of apartheid, I will share impactful experiences such as visiting Nelson Mandela's prison cell on Robben Island, traveling to the Cape of Good Hope, and exploring the District Six Museum. I will conclude with a reflection on the ways in which these experiences have influenced my pedagogy.

Rewriting History: Why It's Not Okay to Fictionalize Our Memories

Patricia Horvath

Presentation

Every so often, literary scandals seem to surface, particularly when it comes to memoirs. Is there an unspoken code of ethics that exists for memoirists and essayists? It seems as though creative nonfiction writers are sometimes held to a higher standard. Is this the reason we feel so betrayed upon discovering that a nonfiction writer has invented an entire character, setting, or memory? Are we uncomfortable with the idea of blurred genres or is it something deeper, something psychological? In this panel, memoirists and nonfiction editors will discuss the difficulties in managing this genre's ethical demands and expectations.

Now Trending!: Latinx Representation in Transitional Chapter Books

Laura Hudock

Presentation

In light of the recent #weneeddiversebooks and #ownvoices national movements that have called attention to lack of diversity in children's literature, this research project presents preliminary findings from a critical content analysis of a sampling of serialized transitional chapter books intended for elementary-aged readers that feature either Latinx characters and/or are penned by Latinx authors and/or illustrators.

Food Insecurity: Vulnerable Populations and Health Implications

Nelson-Peterman Jerusha

Presentation

Food insecurity is an economic term that describes a household or individual's ability to provide enough food for an active, healthy lifestyle, acquired in socially acceptable ways. Over the past 20

years, applications of the term have significantly expanded beyond an economic description of household resources. Food insecurity has been linked to outcomes including diabetes, weight gain and overweight/obesity, heart disease, low academic scores, and compromised mental health. Low-income populations already face high risk of these outcomes, and food insecurity further exacerbates the risk. This presentation will briefly describe food insecurity; vulnerable populations most affected by it; the risks associated with it; and approaches to reducing food insecurity and ameliorating the impact of economic hardship on access to food.

Teaching students the importance of physiological environments when testing systems in the lab

Amy Knapp

Presentation

In vitro testing involves the testing of physiological systems outside of the living organism. In an ideal in vitro set-up, researchers try to recreate the natural environment of the system/organ that they are testing. In my lab, we test skeletal muscle function in vitro by dissecting skeletal muscles out of the legs of anesthetized mice, putting them in a bath with physiological levels of ions and nutrients, hooking the muscles up to a force transducer and then stimulating the muscles to contract using an electrical current. Testing these muscles at a constant physiological temperature (37°C for a mouse) is also an important methodological consideration because the temperature at which a muscle is tested significantly affects the amount of force it can produce and how long it takes to fatigue. Thanks to CELTSS funding for innovation in teaching and pedagogy I was able to purchase a temperature-controlled, circulating water bath that allows my students to test muscles at physiological temperature. For our first project students compared muscle function in 2 types of mouse skeletal muscles (slow-twitch and fast-twitch) with 2 temperatures (26°C and 37°C). They then compared their results to published values. The addition of the water-bath to the muscle test system allows me to better teach students how researchers answer questions in an in-vitro setting and it will help students to critically evaluate primary literature by allowing them to see first-hand how seemingly small differences in protocol can have very significant implications for the interpretation of results.

Mirrored Back

Ellie Krakow

Presentation

Ellie Krakow's recent body of sculptural work, *Mirrored Back*, continues her embodied exploration of support structures that allow things which are fragmented, displaced, and flawed to seem whole, centered, and perfect. In this series she juxtaposes the photographic backdrop – a support structure that replaces real context with a flat negation of place, and which strives to create a seemingly neutral site - with her own back. She cuts through and becomes the backdrop, and she creates sculptures that mimic her back – manipulating, inserting, and reimagining her back (the primary support of the body and also the most invisible part, always out of my view) as a decontextualized neutral site.

Student design of program book for the American Conference for Irish Studies

Kelly Matthews

Presentation

This CELTSS grant provided funding to pay a student research assistant to design the 48-page program book for the international meeting of the American Conference for Irish Studies, March 20-23, 2019, at the Boston Park Plaza hotel. Over 400 scholars in fields such as English, History, Sociology, Political Science, Music, and Celtic Languages took part in this year's conference, presenting their current research in 120 panel sessions as well as participating in plenary lectures, poetry readings, and book launches. Presenters and speakers came from colleges and universities in twelve countries (U.S.A., Ireland, United Kingdom, Canada, France, Netherlands, Sweden, Finland, Serbia, Israel, China, and New Zealand), and from 175 U.S. colleges and universities in 41 states.

Widening the Circle: Creating and Sustaining a Faculty Institute for Inclusive Excellence

Deborah McMakin

Presentation

Faculty play an integral to meeting the needs of marginalized students and advocating for social change in public higher education. Panelists will describe an ongoing, institutionally supported faculty institute designed to support and guide faculty in develop culturally responsive teaching practices within the classroom and the campus community.

What's missing from the diversity and equity conversations in higher education? Two-cents from the lens of an oddball

Holly Pearson

Presentation

Across the landscape of higher education, institutions are grappling with the ideologies and praxis of diversity. What is diversity? What does it look like, smell like, taste like, feel like, and sound like? What are the outcomes and implications of implementing diversity initiatives? How does marginalization and invisibility manifest within the discourse of diversity? This presentation will reflect upon importance (and implications) of ongoing (re)examination of diversity initiatives implemented across the landscape of academia from the lens of oddballness.

Hierarchical Two-Dimensional Guided Loop Self- Scheduling for Distributed Systems

Satish Penmatsa

Presentation

Efficient scheduling of large loops inside computation intensive applications can significantly improve their performance on distributed computing systems. With nested loop constructs, multiple levels of partition may need to be considered for further reducing the application execution time. With increasing number of processors for executing the distributed applications, multiple levels of master-worker processor architecture may need to be considered to improve the scalability of the loop scheduling schemes. In this paper, we implement a hierarchical distributed two-dimensional guided self-scheduling (HDGSS-2D) scheme whose objective is to minimize the total execution time of an application by a load balanced allocation of the loop iterations of nested loops among available processors. HDGSS-2D is implemented and its performance evaluated using the Stampede high performance computing cluster at the Texas Advanced Computing Center of the University of Texas at Austin.

Using Socioscientific Issues to Enhance Middle School Students' Understanding of the Effects of Fracking on Environmental Health

Wardell Powell

Presentation

Critical thinking is paramount in promoting scientific literacy. Using socioscientific issues as a pedagogical strategy does empower students to build knowledge and skills to think about scientific problems as professional scientists and well-informed citizens. The results from our investigation with 43 middle school students show improvement in the students' thinking regarding environmental and health effects of fracking.

How different are advising expectations for students and faculty?

Virginia Rutter

Presentation

With research assistant funding from CELTSS, we are investigating several questions related to Advising. First, what is the impact of campus racist climate issues on student performance, and how has advising and academic supervision played a role? Second, what are student and faculty understandings of advising. By understandings we are examining: what are expectations, what kind of knowledge base do people have, and what kind of practices to people engage in. We are

interested in examining the extent to which those understandings are overlapping (or not) and where shared gaps are. Finally, grounded in a detailed literature review, we review our systems of advising through the critical race theory lens. This project involves collaboration with Dean Sue Dargan and Associate Dean of Academic Success LaDonna Bridges.

Border Awareness Experience in El Paso, TX

Patricia Sanchez-Connally, Elizabeth Whalley and Lina Rincón

Presentation

This Alternative Teaching program is designed to provide up to 10 FSU students with a Border Awareness Experience. With a hands-on approach students that have taken or will take our courses “Migration in a Global Era”, “Victimization and Justice,” and “Latinxs in the U.S.” will learn about the work that immigrant serving organizations do at the US- Mexico border, and the issues of justice that arise in such a space. Students will engage and learn from local advocates on all sides of the immigration issue to develop an in-depth understanding of the complexities of U.S. immigration. Students will be able to network with workers in these organizations and consider a future in careers that support and advocate for immigrants (e.g. law, social work, non-profit giving, fundraising, etc). Students will be asked to document their experiences and reflect on the impact of the trip in their lives by writing in a daily journal and also taking pictures, and a classroom intervention study will determine the ability of the trip to influence student perspectives on social change.

Unshackled Imaginations in Youth Justice: Exploring Utopia(s) for an Abolition Democracy

Kaitlyn Selman

Presentation

In Octavia’s Brood, Walidah Imarisha (2015) declares that, “Once the imagination is unshackled, liberation is limitless” (p. 4). If we unshackle our imaginations, what could our world look like? Could it be a world built on notions of safety, community accountability, social health, and justice, rather than one engulfed by racial capitalism and all of the oppressive experiences it brings with it? Put simply, when we use our imaginations, does an abolition democracy become possible? This paper explores these questions through a specific focus on youth justice organizing efforts in the US. Using the goals and actions of twelve grassroots youth-focused organizations as source material, this paper excavates the relationship between the utopian imagination, abolition, and young people—specifically the work that is being done to alter the present conditions experienced by youth, and the work that is being done to transform the futures that they will encounter. Ultimately, through this work I seek to shift our way of thinking about utopia in the context of abolitionist work by showing how a utopian imagination can (and is) being used to move us closer to the horizon of abolition, particularly for young people.

Vandana Singh

Presentation

The purpose of this project is to a) expand my work on interdisciplinary science pedagogy, particularly at the intersection of science and indigenous knowledge systems, founded on my experience developing a case study on Alaskan Inupiat communities and climate change in 2014, and b) investigate and create opportunities for immersive learning in a diverse cultural and geographic environment for STEM majors in the 4-times successful India J-Term Program. The program provides an opportunity for students to interact with the Lepcha tribe of the Eastern Himalayan region. Experiences of students (mostly humanities majors) indicates potential for STEM students to experience learning in the field in a cultural context including the possibility of studying landslide frequency and prevention, and contributing to local sustainability efforts. STEM students have a unique and rare opportunity to increase their understanding of diversity at the intersection of science and service, and to understand the real-world relevance of science, which is consistent with College and Institutional goals.

Movement in Clay: Float and Ground

Keri Straka

Presentation

“Movement in Clay: Float and Ground” represents an entire year’s worth of studio artwork and film exploration revolving around the intersection of bone /earth like ceramic sculptures, soft flesh like fabric sculptures, movement of the human body, and the resonance of collaged sound. This work is a collaborative effort with filmmaker Jacob Kleinberg. The two of us worked together to design the topography of stoneware ceramic forms in relation to the floating landscape of the human body in motion seen through the membrane of silk suspended above. Rain water, the percolation of breath through the skin of clay, and the human body meet in the blended territory of sculpture, performance, and film.

Auden and Moore’s Empathic Humor

Rachel Trousdale

Presentation

Theorists of humor have long been primarily concerned with superiority-based humor, described by Thomas Hobbes as the “sudden glory” associated with feeling that you are better than someone else. This conception of humor leads philosophers from Plato onward to conclude that humor is innately morally suspect, a zero-sum game demanding what Henri Bergson calls an “anesthesia of the heart.” Such laughter polices social boundaries, establishes in-groups, and regulates individual behavior. But as recent psychological studies clearly demonstrate, this model of humor accounts for only a fraction of the reasons that humans laugh: laughter also comes from joy, recognition, puzzlement, tenderness, and many other apparently conflicting psychological states. This paper will examine how the humor of two modernist poets, W. H. Auden and Marianne Moore, is deliberately opposed to the superiority model: they see laughter as a way to identify and create empathy. Auden and Moore suggest that laughter is a powerful ethical, political, and artistic tool: it can create substantive fellow-feeling, and promote not just the sensation of commonality but real mutual understanding. This mode of humor can constitute a way to achieve the intersubjectivity described by Edmund Husserl and Edith Stein in their discussions of empathy. Moore examines how this understanding can grow between two or three individuals; Auden suggests that it can be the foundation of a whole community. As these poets deploy humor in serious texts, they seek to enlist readers in an ethical commitment to imagining consciousnesses unlike their own. Auden and Moore show how empathic humor can acknowledge difference while overcoming it, and how literary texts can help us reconceive communal belonging.

Womens Tree Climbing Workshop

Brandi Van Roo

Presentation

I attended an annual workshop on safe and effective techniques to enter the forest canopy via tree climbing with ropes and harnesses. The majority of these techniques were pioneered by, and continue to be advanced by, the arbor industry. Arboriculture, like science in general, is a male-dominated profession and women must forge their way through many obstacles. This annual workshop is run by women, experts in their field, for women of all skill levels. Each year, I enhance my skills for use in my own professional work as well as for teaching climbing skills in my Wildlife Biology course and to our Wildlife Club.

Advising pre-health students: A moving target

Shelli Waetzig

Presentation

Do you often feel like you’re struggling to keep up with the changing standards of professional programs to advise your students in a productive fashion? In order to keep up with continuously changing expectations of students applying to many different types of health programs after graduation, I attended the regional meeting of health advisors. I hope to share with colleagues some of the tactics I learned that are relevant to advising many different types of students, even though the conference and my particular field of interest are related to healthcare professions.

Rape Crisis Prison Abolitionist: The False Dichotomies of State Violence, Victim Advocacy, and Scholar Activism

Elizabeth Whalley

Presentation

What does it mean to be an activist within the nonprofit industry? What are the possibilities of transformation within a state-sponsored organization? Using four years of transnational ethnography within a rape crisis center, this project examines what it means to interact and interject oneself as an activist within spaces of conformity and state violence. Using positionality as both an insider and outsider, this work illustrates situations of both power and submission between false dichotomies of research and activism, violence and victim.

A Shift from Traditional Ownership to Access-based Consumption: Identifying Chinese Consumers' Responses to Fashion Renting Business

Ruirui Zhang

Presentation

This study echoes the current rising research demand on examining Chinese consumers' consumption without taking ownership. Recently, the renting business model is experiencing a rapid increase in demand. These access-based consumption modes have been studied throughout the European countries, such as UK, Germany, Switzerland, and Austria (Moeller & Wittkowski, 2010), but research regarding the understanding of Chinese renting consumption modes and its potential market are apparently lacking. Therefore, the purpose of this study is to: 1) propose a conceptual model to explore Chinese consumers renting consumption behaviors; 2) determine motivational factors' effects on acquisition in renting; 3) examine psychological antecedents, such as perceived risks and attitude's effects on renting, and 4) provide suggestions for consumers and companies to respond to the upcoming trend of renting economy.

Corequisite Remediation for GenEd Mathematics and Statistics Courses: Year Two

Ben Atchison

Poster Presentation

At Framingham State University, all students must complete one credit-bearing mathematics course as part of their general education requirements. For many years, students who did not achieve a satisfactory placement exam score were required to complete a non-credit bearing General Mathematics course prior to fulfilling their general education mathematics requirement. In an effort to improve retention rates and foster student success in the first year of study, the University decided to adopt a corequisite remediation model for each of its general education mathematics offerings. Beginning in Fall 2017, students who would have previously been required to complete General Mathematics were instead enrolled in a credit-bearing mathematics course and an accompanying 2-hour weekly mathematics lab, intended to feature just-in-time remediation via an online learning system. This talk will focus on the results from the past three semesters, the changes made between them, and a comparison to a separate University program for STEM majors who have also been identified as in need of remediation.

Professional Development for Nurse Educators: National League for Nursing Education Summit 2018

Cynthia Bechtel

Poster Presentation

Professional development through attendance at the National League for Nursing Education Summit allowed the following benefits:

- Networking with 1200 nurse educators
 - Creating an opportunity to learn from the successes of colleagues in similar programs
 - Staying current with trends in nursing education
 - Representing the local constituent league, the Massachusetts Rhode Island League for Nursing
- Some of the sessions attended include:

- Active Learning through Dialogue- Socratic Debriefing in the Classroom
- Exploring the Observation Role in Simulation
- The Crisis in Thinking has Reached the Tipping Point
- Integrating Quality & Safety Competencies into Student Learning
- Understanding and Promoting Resilience in Students.

A Widening the Circle: Diversity and Inclusion in Design Thinking Process Project in Fashion Design Curriculum

Seunghye Cho

Poster Presentation

This project was targeted to present at the 2018 annual conference of the International Textile and Apparel Association (ITAA). My presentation titled “A Widening the Circle: Diversity and Inclusion in Design Thinking Process Project in Fashion Design Curriculum” focused on implementation of a diversity and inclusion project as a pedagogical method in the fashion design curriculum to promote students’ design creativity. This study was based on a class project for Widening the Circle (WTC) program that has been co-hosted by Center for Diversity and Inclusion and Academic Affairs at FSU. In my presentation at the 2018 ITAA annual meeting, I discussed a unique pedagogical method developed by exploring the theme of diversity and inclusion in the fashion design curriculum with examples of students’ works and feedbacks.

Experiences of Health Care Personnel with the Health Care System

Marian Cohen & Ruth Remington

Poster Presentation

Funds were requested from CELTSS to obtain information (names and email addresses) about physicians and nurses around the U.S. Those medical personnel were then to be surveyed about their experiences with the health care system, both as patients and/or primary caregivers and as professionals working within the system. The funds were used to obtain nation-wide random samples of medical personnel. The study represents an expansion of an exploratory study already conducted with nurses at Framingham State University.

Bringing the Conference Back to Campus: Kweli Color of Children’s Literature Conference

Jennifer DeLeon

Poster Presentation

The Color of Children’s Literature Conference hosted by Kweli Journal is the largest literary conference for authors and illustrators of color of Children’s Literature in North America and an essential destination for writers, editors, and publishers seeking to honor Walter Dean Myer’s legacy that celebrates voices, stories, and truths by writers and artists of color. Kweli’s mission is to nurture writers of color and create opportunities for their voices to be recognized and valued. I am interested in making connections with conference presenters and attendees in hopes of introducing new pedagogical methods to teaching Creative Writing, recruiting candidates for keynote speakers for the annual Swiacki Children’s Literature Festival at FSU and the Olivia A. Davidson Voices of Color Lecture Series at FSU, as well as seeking professional development surrounding the launch and publicity of my novel, *Don’t Ask Me Where I’m From* (Simon & Schuster, 2020).

Women in Behavior Analysis

Mirari Elcoro

Poster Presentation

A travel grant for professional development was granted by CELTSS to attend the conference Women in Behavior Analysis in Nashville, TN February 28-March 2, 2019. The mission of this conference is: “To empower, celebrate, and mentor women behavior analysts and highlight their contributions to the field. To engage all genders in meaningful discourse on gender equality for the promotion of behavior analysis and professional growth of future generations.” (<https://thebaca.com/about-wiba/>). Participating in this conference has contributed to professional development within the field community of behavior analysis by providing a current review and

practice of ethical guidelines, holding discussions on diversity and inclusion within the field, and participating in networking opportunities. Concurrently, having attended this conference is also having an impact on the design of some courses to be taught in Fall 2019. More specifically, this involves moving away from the use of textbooks and increasing the emphasis on topics on diversity and inclusion within the professional field of behavior analysis and beyond (e.g., ethics, history of underrepresented groups in science and academia, and human services professions). Attending this conference has also contributed to fostering community relations to increase professional development opportunities for students. Updates on course development for Fall 2019 will be presented.

Decision Making in Simulated Circumstances

Michael Greenstein

Poster Presentation

This project examines how people make decisions in simulated real-life situations. Participants were recruited through Amazon's Mechanical Turk program, which allowed for recruitment of participants across the entire United State of America. The participants were asked to read about a situation and then make a decision regarding the situation about which they read. The situations they read about were things that they might encounter in their real life such as how they might avoid dangerous circumstances (e.g. an out of control bus), or judge the innocence or guilt of a defendant in a jury trial.

Why Cosplay? Exploring Motivations Behind Participation in Cosplay Using the Self-Determination Theory of Behavior

Laura Kane

Poster Presentation

The purpose of this study was to explore motivations behind participation in cosplay using Deci and Ryan's (2000) Self-Determination Theory, which addresses motivations associated with needs for autonomy, relatedness, and competence. Participants completed an Aspirations Index and semi-structured interviews. The sample consisted of 20 cosplayers who maintain Facebook Artist Pages. Results suggest that cosplayers with Facebook Artist Pages choose to participate in cosplay because of the creative challenge of making a costume (competence), to build new skills (competence), as a bonding activity (relatedness), to be able to don the persona of another character (autonomy), to express their fandom (relatedness), and to receive positive feedback on something they create (competence).

Vertebrae: A Tribute to the Oregon Coast Part 3

Laura Kane

Poster Presentation

My design scholarship is rooted in the translation of natural movement, texture and phenomena into original surface and textile design. This original garment, the third in a five-part series, explores the striking patterns and structure found on a very small piece of fish spinal vertebrae. This project, as a departure from previous garments in the series, utilized innovative pattern cutting techniques and digital textile printing. This project was completed over the course of five days at the Textile and Form: New Configurations in Fashion workshop hosted by Iowa State University in the summer of 2017. This garment represents the marriage of subtraction cutting, a typically organic and free form patternmaking technique resulting in loosely draped garments, with that of structured, rigid form. With this garment and the entire garment series, I hope to encourage other designers to take the time to explore the complexity and beauty of traditionally unappealing objects of nature.

Enhancing students' meal planning and budgeting skills through the use of spreadsheets

Megan Lehnerd

Poster Presentation

NUTR 262 Food, Culture, and Society is a foundational course for students studying in the Department of Food and Nutrition. As a part of this course, students complete several projects focused on meal planning and budgeting that rely on the use of spreadsheets. The goal of this project

was to collaborate with a former NUTR 262 student to improve upon the current spreadsheet frameworks and to develop lab activities to enhance students' excel literacy. The development process and final products will be presented.

Variations to traditional multiple-choice-testing: Cognitive science principles at work

Phoebe Lin

Poster Presentation

Many lower level psychology courses use multiple choice formatted tests as a primary means of assessing students' learning outcomes related to both mastering course content and acquiring new skills. This roundtable discussion considers applications of cognitive psychology applied to traditional multiple choice testing to consider the most effective study strategies, including test writing strategies used, to maximize learning outcomes and academic performance on these types of exams.

Trends in Nutrition and Dietetics

Susan Massad

Poster Presentation

The field of Nutrition and Dietetics has expanded to many new career possibilities – clinical, community, entrepreneurial, food service, and sports nutrition. The Bureau of Labor Statistics reports the job outlook in this field for 2016-2026 to increase 15% - “much faster than average.” (<https://www.bls.gov/ooh/healthcare/dietitians-and-nutritionists.htm>) Framingham State University Food and Nutrition majors whose concentration is Nutrition and Dietetics must apply for a post-graduate Academy of Nutrition and Dietetics Internship (DI), if they plan to sit for the Registered Dietitian exam. The Internship includes 1200 hours of supervised practice in addition to the BS degree. DI admission is very competitive, and many FSU students apply to DI programs in geographic regions that are far away from home. The FSU Didactic Program in Dietetics Director must attend the annual Nutrition Dietetics Educators and Preceptors meeting every spring. Here a lot of networking takes place between faculty and some of the DI Directors. This poster session will provide details on where our students have been placed in the recent years, and the latest steps that were taken to increase our placement rate, and the current trends and career paths of Nutrition and Dietetics profession.

Climate change at the click of a button: building digital auto-updating graphic tools for climatological data

Lawrence McKenna

Poster Presentation

Communicating climate change requires good graphics, which are difficult for many teachers and professors to make. Not because they lack the skills, but because they lack the time to find reliable sources, keep data up to date (for example, time series data should be updated regularly), and to add new or updated figures to the appropriate presentation files. We've built a library of functions that automate the process, allowing anyone to make authoritative and current graphs related to climate change at the click of a button. It even builds a PowerPoint presentation or pdf to use in class.

An Analysis of Economic Impact of FSU on Surrounding Communities

Luis Rosero & Fahline Sjuib

Poster Presentation

For the past two centuries Framingham State University has served as an economic engine for the city, region, and the state. Given its central role to the region, it is important to quantify the economic significance of its institutional activities. However, there are limited empirical studies and information that assess the economic impact of the university. Through the use of IMPLAN, we aim to fill this information gap. Our results can help decision-makers in the region make better and more informed decisions, and ultimately lead to better economic outcomes for our community's economic development.

Society for Consumer Psychology Conference

Zahra Tohidinia

Poster Presentation

The Society for Consumer Psychology (SCP) is one of the major outlets for marketing research; especially for those working on consumer behavior. The SCP Conference provides an avenue for young marketing behavioral scholars like myself to share their research ideas and learn from other prominent researchers in the field. The SCP conference focuses on inspiring cutting edge research ideas as well as sharing research results. It also encourages professional development for the participants.

Community-based research and teaching: preliminary reports

Everton Vargas da Costa

Poster Presentation

Community-based research is a collaborative process between the researcher and community partners aiming to create and disseminate knowledge with the goal of contributing to the discipline and strengthening the participation and well-being of the community (Lubar, 2009, Israel et al., 1998). This poster presentation intends to conceptualize community-based research and teaching, and engage participants on discussing ideas of prospective projects that build public engagement. Additionally, it highlights "Writing Children's Books in Portuguese", an ongoing project developed by Elementary Portuguese students, faculty, and staff at FSU collaborating with teachers and administrative agents at a public school in the area. The project is currently funded by the Civic Engagement and Service Learning Center and received professional development funds by CELTSS and the Department of World Languages.