

BRYANT UNIVERSITY
8TH ANNUAL
RESEARCH AND ENGAGEMENT DAY

CELEBRATING
SCHOLARSHIP

SCHEDULE OF EVENTS

APRIL 17, 2019

8:00 A.M. - 4:00 P.M.

BRYANT UNIVERSITY

SMITHFIELD, RI

BRYANT UNIVERSITY 8TH ANNUAL RESEARCH AND ENGAGEMENT DAY

CELEBRATING SCHOLARSHIP

We are honored to present the following schedule of events for Bryant University's **8th Annual Research and Engagement Day (RED19)**. This slate of more than 75 sessions involving over 70 faculty and staff and over 500 students reflects the exciting academic and creative work being done by members of the Bryant community. Included are panels with papers, roundtable discussions, best practices sessions, showcases of creative expression, learning reflections, and poster presentations.

The RED19 Committee extends a sincere thank you to all who have helped make this event a success. We welcome the Bryant community to join us in this day to celebrate the riches of intellectual exploration and achievement at Bryant!

RED19 Committee Members

Stephanie Carter, M.A., Director, Academic Center for Excellence

Carol DeMoranville, Ph.D., Associate Provost

Edward Kairiss, Ph.D., Director of Faculty Development and Innovation

Mary Lyons, Ph.D., College of Arts and Sciences, Co-Chair

John Visich, Ph.D., College of Business, Co-Chair

Ronald Washburn, J.D., College of Arts and Sciences, Co-Chair

WELCOMING REMARKS

Research and Engagement Day is a vital component of the Bryant academic tradition. It is a celebration of the uniquely inclusive Bryant learning community and showcases the collaborative scholarship that is a hallmark of Bryant University. The theme of RED19, Celebrating Scholarship, reflects the unique characteristics of the Bryant academic community. We are a learning environment that focuses on applied scholarship that values creativity in all of its forms, that encourages collaboration between faculty, staff, and students, and that has been on the leading edge of innovation since its founding in 1863.

During this day dedicated to teaching and learning, you will find many examples of the innovative research, creativity, and engagement that make Bryant a dynamic leader in the academic arena. You will find that these scholarly and creative efforts are the product of active learners following their passions to explore their environment and advance knowledge. RED19 has a wide variety of presentations that span the day's events. Join us in attending sessions that will intrigue you and kindle your interest in continuous learning.

Go Books. Go Bulldogs.

Glenn M. Sulmasy, J.D., LL.M.
Provost and Chief Academic Officer

RED19 SCHEDULE

SESSION A	8:00 AM – 9:15 AM
SESSION B	9:30 AM – 10:45 AM
SESSION C	11:00 AM – 12:15 PM
LUNCH	12:15 PM – 1:15 PM
FEATURED SPECIAL SESSION DR. JAMES (JIMI) SHANAHAN	1:15 PM – 2:30 PM AIC FORUM
SESSION D	1:15 PM – 2:30 PM
KEYNOTE PANEL AND CLOSING CEREMONY - JANIKIES (OVERFLOW IN MRC4)	2:45 PM – 4:00 PM

Schedule and Presenter List available on the RED website:

<https://my.bryant.edu/portal/reday/>

ALL DAY EVENTS

12TH ANNUAL BRYANT ECONOMIC UNDERGRADUATE SYMPOSIUM

The Bryant Economic Undergraduate Symposium's focal point is on training undergraduate students in the art of writing, presenting and publishing empirical research papers on wide range of economic topics, with a primary emphasis on empirical studies with policy relevance. Students publish their empirical papers in Bryant Economic Research Papers (BERP), the undergraduate journal of the Department of Economics. The symposium and the journal are consistent with one of economics department's objectives: to train students to conduct quantitative economic data analysis.

Faculty Sponsor: Prof. Ramesh Mohan

SESSION A 8:00-9:15 POSTER SESSION IN UNISTRUTURE ROTUNDA

Name	Poster Title
Morgan Edwards and Sydney Levine	An Empirical Study of Sustainability Efforts in Costa Rica
Andrew Berghahn and Casey Doyle	Tax Effects on State Growth
Shane Vyskocil and Benjamin Steen	Determinants of Youth Unemployment in Asia and Latin America
Harrison Garrett and Sean Gillis	Determinants of Inflation in Developing Countries
Kushagra Sachdeva & Michael Chodziutko	Determinants of Life Expectancy
Bryan Stroh and Kyle Svenson	Effects of poverty on developing nations
Nelson Zompetti and Joel Dei	FDI impact on poverty
Jacob Mingola and Richard Mydland	Determinants of Labor Force Participation in the European Union
Ryan Cerino and Kevin Beimfohr	Economic Growth and the Income Gap in South America
Michelle Quinn and Yuraj Duggal	Unemployment and minimum wage
Jillian Spolidoro Holly Welch and Nick Fiore	Consumer Confidence and Private Consumption
Jack Horan and William Hamernick	Inflation Rate and Economic Growth

ALL DAY EVENTS

12TH ANNUAL BRYANT ECONOMIC UNDERGRADUATE SYMPOSIUM – CONTINUED

ALL EMPIRICAL PAPER PRESENTATIONS IN MRC-4 UNISTRUCURE

Time	Name	Empirical Paper Presentation in MRC4
9:30-9:40	Yuvraj Duggal	Is public debt a burden for the UK: SVAR Approach
9:40-9:50	Casey Doyle	FDI & Crime in South America: A Panel Data Analysis
9:50-10:00	Shane Vyskocil	Salary Dispersion and Team Performance in Major League Baseball: A Quantile Regression Analysis
10:00-10:10	Morgan Edwards	Determinants of Human Capital in the ASEAN Region
10:10-10:20	Jordan Laube	How Improving Prison Systems Will Positively Impact the United States Economy
10:20-10:30	BREAK	
10:30-10:40	Lisa Russo	Are the Food Insecure More Likely to be Obese?
10:40-10:50	Rodrigue Beleho	Causality relationship between income inequality and life satisfaction in Europe: does income inequality affect life satisfaction?
10:50-11:00	Hyungue Lim	Effects of private and public health expenditure on health outcome
11:00-11:10	Harrison Garrett	Factor Model Tests of Long-Run Price Reversals in the U.S. Stock Market
11:10-11:20	Amber Marin	The Glass-Cliff and USA Politics: Are Women Set Up for Failure?
11:20-11:30	Soala Ekine	The Determinants of Foreign Aid to Sub-Saharan Africa in the Post-Cold War Era

ALL DAY EVENTS

11:30-11:40	Richard Mydland	Corruption and South American Public Health Governance: A Panel Data Analysis
11:40-11:50	James Baxter	An Empirical Study Between Home Prices and Golf Course Proximity
11:50-12:00	Zach Lincoln	Effect of Crime on Economic Growth in Developed Countries
12.00-12.30		LUNCH
12:30-12:40	Quinton Law	Childhood Poverty: Where it comes from and What Factors contribute to Adulthood Success
12:40-12:50	John Esher	Economic Growth as it relates to Women's Labor Force Participation in the LAC
12:50-1:00	Michelle Quinn	An Analysis of the Impact of ESG scores on Financial Performance
1:00-1:10	Michael Chodziutko	The Effects of Corruption on FDI Flows to the Balkan Region
1:10-1:20	Andrew Berghahn	Does Growth Have A Price Tag? Foreign Aid's Effect on Economic Growth in Africa
1:20-1:30	Sean Gillis	Inequality Effects on Health Care: Panel Data Analysis
1:30-1:40	Taylor Rizzo	Determinants of life expectancy in the Central African Republic

ALL DAY EVENTS

Juniors Honors Capstone Student “C” Pitches

Rooms 267 and 268 in the Unistructure

Sessions A, B, C, Lunch and Session D

Honors Juniors will present their Thesis idea in a 10-minute verbal presentation and will receive feedback from Faculty.

ROOM 267			ROOM 268	
8:00-8:15 AM	Allyson McCorison		8:15-8:30 AM	Anna Rossi
8:15-8:30 AM	Kathryn Schrade		8:30-8:45 AM	Hannah Couture
8:30-8:45 AM	Emily Katz		8:45-9:00 AM	Zar-Tashiya Khan
8:45-9:00 AM	Lauren Abbott		9:00-9:15 AM	Peter Vise
9:00-9:15 AM	Aaron Bonsu		9:15-9:30 AM	Sam Coakley
9:15-9:30 AM	Jake Armstrong		9:30-9:45 AM	Alexandria Rabassa
9:30-9:45 AM	Danielle Nikosey		9:45-10:00 AM	Marissa Grasso
9:45-10:00 AM	Alex Mangione-Smith		10:00-10:15 AM	Stephanie Souza
10:15-10:30 AM	Angelina Leandres		10:15-10:30 AM	Liam Mahler
10:30-10:45 AM	Matthew Garrison		10:30-10:45 AM	Rachel Cardarelli
10:45-11:00 AM	Andrew Schultz		10:45-11:00 AM	Molly Murphy
11:00-11:15 AM	Julia Sheehan		11:00-11:15 AM	Natalie Terranova
11:15-11:30 AM	Mitch Anderson		11:15-11:30 AM	Jessica Taylor
11:30-11:45 AM	Kelly Morrissey		11:30-11:45 AM	Connor Frauendorf
11:45 AM-12:00 PM	Bridget Gomes		11:45 AM-12:00 PM	Sloane Sweitzer
12:00-12:15 PM	Meaghan Angers		12:00-12:15 PM	Alex Drezek
12:15-12:30 PM	Haleigh Resnick		12:15-12:30 PM	Lauren Italia
12:30-12:45 PM	Joseph Iamele		12:30-12:45 PM	Anthony Murray
12:45-1:00 PM	Alex Chace		12:45-1:00 PM	Erica Burke
1:00-1:15 PM	Autumn Hale		1:00-1:15 PM	Michael Rucki
1:15-1:30 PM	Thomas Pappas		1:15-1:30 PM	Aidan Serrano
1:30-1:45 PM	Caitlyn McNaughton		1:30-1:45 PM	Evan Koogler
1:45-2:00 PM	Nyatasha Jackowicz		1:45-2:00 PM	Kacie Galligan
2:00-2:15 PM	Juan Gonzalez			
3:00-3:15 PM	Pratham Malik			

EXTENDED PRESENTATIONS

THESE PRESENTATIONS TAKE PLACE OVER SEVERAL SESSIONS

Beyond Objects: Connecting to the Arts through Personal Stories and Experience

Academic Innovation Center breakout rooms 134 through 138

Sessions B and C, Lunch, Session D

BASIC Bryant Adaptability Sales Improv Challenge

Academic Innovation Center Innovation Forum

Sessions B and C

Global Supply Chain Management Practicum Projects

Academic Innovation Center room 212

Sessions B and C

Analysis of Financial Information Using Data Visualization

Academic Innovation Center room 222

Sessions B and C

Student Presentations for Fin 201

Academic Innovation Center room 237

Sessions B and C

2019 Bryant App-A-Thon

Academic Innovation Center room 131

Sessions C, Lunch and Session D

Project Management Panel

Unistrukture room 247

Sessions C and D

SESSION A

8:00 AM - 9:15 AM

SESSION A

8:00 AM - 9:15 AM

Session A1

Unistrucre Lower Level Rotunda

Session Type: Poster Session

Title: Bryant Economic Undergraduate Symposium Posters

Faculty Sponsor: Professor Ramesh Mohan

Note: Posters will be displayed in MRC 4 after this Session.

Name	Poster Title
Morgan Edwards and Sydney Levine	An Empirical Study of Sustainability Efforts in Costa Rica
Andrew Berghahn and Casey Doyle	Tax Effects on State Growth
Shane Vyskocil and Benjamin Steen	Determinants of Youth Unemployment in Asia and Latin America
Harrison Garrett and Sean Gillis	Determinants of Inflation in Developing Countries
Kushagra Sachdeva & Michael Chodziutko	Determinants of Life Expectancy
Bryan Stroh and Kyle Svenson	Effects of poverty on developing nations
Nelson Zompetti and Joel Dei	FDI impact on poverty
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Ryan Cerino and Kevin Beimfohr	Economic Growth and the Income Gap in South America
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Jillian Spolidoro Holly Welch and Nick Fiore	Consumer Confidence and Private Consumption
Jack Horan and William Hamernick	Inflation Rate and Economic Growth

SESSION A

8:00 AM - 9:15 AM

Session A2

Unistrucre Rooms 267 and 268

Session Type: Oral Presentation

Title: Junior Honors Capstone Student "C" Pitches

Faculty Sponsor: Professor Jane McKay-Nesbitt

Note: This session continues through Sessions B and C, Lunch and Session D

Session A3

Academic Innovation Center Room 118

Session Type: Paper Presentation

Title: Supplier Performance Evaluation Efficacy: The Bright Side and the Dark Side

Faculty Presenter: Professor Michael Gravier

Given the level of outsourcing, supplier performance evaluation (SPE) is a critical supply chain process. SPEs are used to record supplier performance levels to inform future supplier selections, and thus, mitigate the risk of adverse selection. However, numerous weaknesses associated with industrial buyers' collection and use of supplier performance information call into question the efficacy of SPEs. The factors affecting SPE efficacy have not been empirically explored, including misuses of the tool. This research identifies the factors affecting SPE efficacy. It employs a mixed method of qualitative interviews of buyers and suppliers, upon which a model of SPE efficacy is developed and tested using structural equations modeling of survey data from 131 performance assessors. Findings implicate the importance of a thoroughly defined scope of work, an accurate SPE, and documented rating justifications. Additionally, dissonance among several performance evaluators and the fear of a supplier's dispute detract from SPE efficacy. Finally, this research unveils how SPEs are weaponized, pursuing short-term gains and clouding the view of the supplier's performance thereby hindering the long-term, risk-mitigating purpose of SPEs. Two separate forms of opportunism - threat and debt - are discovered to be at play and have differing effects.

SESSION A

8:00 AM - 9:15 AM

Session A4

Academic Innovation Center Room 119

Session Type: Paper Presentations

Title: Best Practices in Supply Chain Management for Humanitarian Aid/Relief in Africa

Student Presenter: Melissa Hurwitz

Faculty Sponsor: Professor John Visich

The purpose of this research study is to develop an in-depth understanding of the current humanitarian logistics practices present in Africa. Through an analyzing and exploring various techniques as to how to approach such complex, variable situations; a more comprehensive understanding as to how to respond to humanitarian crisis' through supply chain techniques will be attained. The research will mainly focus on a systematic literature review following the framework of Durach et al. (2017) with empirical examples of both the best and worst practices for the distribution and delivery of humanitarian aid throughout Africa. The primary sources examined will consist of academic journals that focus on Humanitarian Aid and journals that cover Africa. In addition, practitioner and non-governmental organization sources will be utilized to identify additional relevant articles.

Title: Learning Impact of Pedagogical and Quantitative Exercises in the MBA Operations Management Course

Faculty Presenter: Professor John Visich

This presentation will discuss several pedagogical games and quantitative exercises that have been conducted in the Innovation Forum of the Academic Innovation Center at Bryant University. These games and exercises were conducted with MBA students while taking the core course Value Formation through Operations. Students were surveyed after each event to assess the learning impact of the exercise and these results will be presented.

SESSION B

9:30 AM - 10:45 AM

SESSION B

9:30 AM - 10:45 AM

Session B1

Unistrustructure MRC4

Session Type: Paper Presentations

Title: Bryant Economic Undergraduate Symposium

Faculty Sponsor: Professor Ramesh Mohan, Ph.D.

Note: Please see pages 6 and 7 of the Program for the presenters and their paper titles. This session continues through Session C, some of Lunch and Session D

Session B2

Unistrustructure Rooms 267 and 268

Session Type: Oral Presentation

Title: Junior Honors Capstone Student "C" Pitches

Faculty Sponsor: Professor Jane McKay-Nesbitt

Note: This session continues from Session A and continues through Session C, Lunch and Session D

Session B3

Academic Innovation Center Breakout Rooms 134-138

Session Type: Showcase of Creative Expression

Title: Beyond Objects: Connecting to the Arts through Personal Stories and Experience

Student Presenters: Students from LCS 440 Arts and Entertainment: Issues in Arts Administration

Faculty Sponsor: Professor Joan Zaretti

Note: This session will continue through Session C, Lunch and Session D

In a survey conducted by LCS 440: Arts and Entertainment: Issues in Arts Administration students, many Bryant students saw the importance of the arts within daily life but had difficulty making connections with that statement to their own lives on campus. As a response, LCS 440 students are creating arts museums in the break-out rooms of the AIC showcasing the arts in everyday life. Students will curate these tiny museums, each with their own theme and set of objects, focusing on Photographs and Photography, Music and Musical Instruments, Fashion and Textiles, Student Artwork and Creative Expression and Dance, Sports and Movement. Beyond viewing the objects displayed, visitors will read and listen to stories, memories and connections shared by the Bryant community of why these items are important to them, as well as have an opportunity to share their own stories and experience the arts through the museum themes.

SESSION B

9:30 AM - 10:45 AM

Session B4

Unistrucre Lower Level Rotunda

Session Type: Poster Session

Title: Application of Paper-based Sensor for Monitoring Nitrates/Nitrites in Narragansett Bay - A Citizen-Science Project

Student Presenters: Courtney Anderson, Toni Camarillo, Anna Clini, Stephen Durkee, Abigail Enck, Dayton Hamele, Bryanna Haskell, Carolyn Kenney, Natalie Langella, Caroline Markonic, Norianne Martinez, Emily McNulty, Kodinakachukwu Ojukwu, Michael Pepin, Antonio Reisopoulos, Tyler Schoff, Daniel Seti, Arianna Spooner, Andrew Warfield, Caroline Williams, Gregory Wood

Faculty Sponsor: Professor Gerald John

Nitrates/nitrites are released into water bodies through various means including agricultural runoffs, wastewater treatment plants and industrial processes. Presence of nitrates/nitrites in water bodies leads to eutrophication. Nitrates/nitrites in drinking water causes various health effects such as blue baby syndrome. In this laboratory class, we aim to build a simple paper-based sensor and then use combination of sensor and cellphone camera to measure the concentration of these ions in water.

Session B5

Unistrucre Room 242

Session Type: Paper Presentation

Title: Harvesting after IPO: The Effect of Director Departure on Stock Returns

Faculty Presenter: Professor Victor Jarosiewicz, {Gwen Lee, Ph.D. is a co-author}

Research on board governance has found that outside directors are specifically chosen to signal firm quality at the initial public offering (IPO). A large fraction of the directors, however, depart from the board within a few years after the IPO. What signals does the director departure send to the investor, when the specifically chosen directors depart within a few years after the IPO? We answer this question by examining the effect of director departure on the long-term stock performance of young, entrepreneurial firms whose directors are affiliated with venture capital. Our empirical analysis suggests that the effect of director departure on stock returns depends on whether the IPO director represents the venture capital that funded the firm as well as how soon the departure takes place after the IPO. The methodological improvements that we make using the Coarsened Exact Matching technique provide us with more reliable estimations and stronger support for our proposed mechanism. Director departures signal valuable information to investors, but not all departures are perceived similarly by investors. The timing of departure matters and the type of director matters.

SESSION B

9:30 AM - 10:45 AM

Session B6

Unistrucre Room 243

Session Type: Paper Presentation

Title: Marketing Honors Student Capstone

Faculty Sponsor: Professor Sukki Yoon

Student Presenter: Kelly Jacobsen

Title: Green Marketing and Consumer Behavior

Green marketing is a broad term that encompasses the marketing activities that are devoted to promoting consumption of eco-friendly products and sustainable business practices. To better understand consumers, marketers are taking the time to study the psychological factors that have an impact on green purchasing behaviors. This research aims to study the effects of individualism versus collectivism and gain versus loss message framing on consumer behavior, specifically related to the consumption of eco-friendly products.

Student Presenter: Kieu Anh Nguyen

Title: Peer Influence in Anti-smoking and Anti-vaping Ads: A Comparative Study

Previous studies have indicated that peer groups plays an incredibly important role in smoking among teenagers and young adults. The social context and conformity can determine the likelihood of smoking among young adults. Knowing this, many anti-smoking campaigns feature people that have similarities with the target audience to increase persuasiveness (Pornpitakpan, 2004). And recently, this is also the approach of many anti-vaping campaigns. The purpose of this study is to measure the effectiveness of using peer messengers and peer pressure as a tool of persuasion in anti-vaping campaigns. This study shows 8 advertisements varying in the type of product advertised (tobacco or e-cigarettes), degree of peer influence and direction of the message to college students to compare the effectiveness of peer influence between anti-smoking advertisements and anti-vaping advertisements.

Session B7

Unistrucre Room 244

Session Type: Paper Presentation

Title: Analysis of Twitter Tweets

Faculty Sponsor: Professor Kevin Mentzer

Student Presenters: Shannon Downey, Kevin Sullivan

Title: Tweet Mining using Google's Colaboratory Notebooks

This presentation will showcase the use of Google's cloud environment for coding in Python, using an analysis of Tweets as an example. We will review the Pros and Cons of the Colaboratory environment, explain the basics of how to pull Tweets, then we will walk through a code demo to show some potential ways to analyze Tweets. The goal of this presentation is to show how data science techniques can be applied in a non-technical course, where most students have little to no previous programming experience.

SESSION B

9:30 AM - 10:45 AM

Student Presenter: Kate Fallon

Title: Read Between the Tweet: Twitter in Relation to Gender and Politics

The author tests whether public discourse on the topic of politics differs by gender. Through classifying the gender of the twitter user, and assigning a sentiment score to each tweet, national public discourse will be understood through socially networked political discussions regarding Senate candidates for the 2018 Midterm Elections.

Session B8

Unistrucre Room 245

Session Type: Paper Presentations

Title: The Natural Rate of Unemployment in New England

Student Presenter: Hannah Sheldon

Faculty Sponsor: Professor Edi Tebaldi

An article published in the Providence Business News about the natural rate of unemployment in New England, and a discussion about unemployment trends.

Session B9

Unistrucre Room 246

Session Type: Panel Discussion

Title: The Financial Planning Process

Student Presenters: Nicholas Anketell, Andre Colleoni-Pimenta, Danielle Couture, Kimberly Flynn, Savannah Miles, Logan Ribeiro, Joseph Rinaldi, and Evan Soraci

Faculty Sponsor: Professor Mara Derderian

Seniors completing the Financial Planning Track Capstone class will present the industry of financial planning and the process of working with clients by creating a customized financial plan to reach their goals.

Session B10

Unistrucre Room 247

Session Type: Paper Presentation

Title: Childhood Adversity as a Predictor of Resiliency Later in Life

Student Presenter: Haley Wood

Faculty Sponsor: Professor Ron Deluga

An abundance of research has been published on the negative outcomes of childhood traumas. I believe there are also positive outcomes of experiencing such hardships. Through individual interviews I will explore how adverse childhood experiences can cause one to be more resilient in their adulthood. My goal is to explore the patterns in individuals who have experienced a childhood trauma and show signs of resiliency to identify the relationship between the two variables.

SESSION B

9:30 AM - 10:45 AM

Session B11

Unistrucre Room 251

Session Type: Paper Presentation

Title: Building a Successful Marketing Analytics Organization

Faculty Presenter: Professor John Young

As the strategic importance of analytics has grown, organizations have increasingly elected to develop (or expand) an in-house group. While a large number of companies have launched an analytic function, many struggle to deliver maximum value to their marketing stakeholders. This presentation lays out a blueprint for delivering a center of excellence in analytics - establishing a mission for the group, creating a group identity, developing an analytic roadmap, building a compelling analytic framework, and ensuring the requisite enablers of data, tools and people are in place. Following these five steps will help ensure organizations increase their chances of success.

Session B12

Unistrucre Room 269

Session Type: Panel Discussion

Title: The Satiric Impulse within Public Discourse and Popular Culture

Student Presenters: Aaron Bonsu, Angelique Landry, Alexander Morin

Faculty Sponsor: Professor Amber Day

Students enrolled in LCS-469 Political Satire will discuss the research they conducted in the fall semester for the Political Satire class. Their papers collectively examine modes of discourse that complicate clear divisions between entertainment and news, the satiric and the earnest. They explore the usage of satiric techniques within a variety of venues, including local blogs, popular music, and the mainstream news. The panel tackles satire as a communicative tool, its power, and its pitfalls.

Session B13

Unistrucre Room M36

Session Type: Creative Activity with Audience Participation

Title: The Creative Process: Activities and Prompts

Student Participants: Students enrolled in LCS 491 Workshop in Creative and Critical Process

Faculty Sponsor: Professor Terri Hassler

Participants will learn about aspects of the creative process--including getting started, overcoming creative blocks, managing success and failure. LCS 491 "Workshop in Creative and Critical Process" students will facilitate a series of activities and prompts that encourage the audience to develop a creative practice and self-reflect on their own process.

SESSION B

9:30 AM - 10:45 AM

Session B14

Academic Innovation Center

Session Type: BASIC Bryant Adaptability Sales Improv Challenge

Innovation Forum

Title: BASIC for Students Interested in Competing in BASIC

Student Participants: Students in MKT 363 and MKT 463 and anyone interested in sales

Faculty Sponsor: Professor Stefanie Boyer

Note: This session will continue in Session C.

We will begin with some basic improv training, training on understanding emotions, the bias we bring to the table, and warm up our adaptability skills. We will put these new skills to the test with an improv sales competition.

Session B15

Academic Innovation Center

Session Type: Panel Discussion

Room 118

Title: Academic Experiences of International Students at Bryant

Student Presenters: Yuelin Xie, Adriana Arroba, Frank Wright

Faculty Participants: Crystal Jiang, Maura Dowling

Staff Sponsors: Kongli Liu, Joel Swenddal

International students make a meaningful contribution to the diversity of the Bryant community and foster opportunities for multicultural enrichment and exchange for all. Especially over the past two years, 55 students from Bryant's Zhuhai campus have transferred to Bryant Smithfield for full-time study. A key component of the overall success of all international students is their transition to their new learning environment, which is widely acknowledged to be a challenging and overwhelming experience both socially and psychologically (Wu, Garza & Guzman, 2015). In the spirit of promoting inclusive teaching and learning, students' own accounts of their successes and challenges in their initial academic experiences provide an opportunity for reflection and continued innovation in course delivery (Hellsten & Prescott, 2004). Similarly, faculty and administrators with experience working with international students have insights about enhancing their academic success.

This panel session will combine the voices of students, faculty, and staff to provide a comprehensive 'snapshot' of the academic experience of international students in their first semester of study in the US environment. Panelists will include 2 international students to share their experiences, 2 faculty members to share their best practices and 2 staff members to share their experiences of supporting international students.

SESSION B

9:30 AM - 10:45 AM

Session B16

Academic Innovation Center

Session Type: Presentation

Room 119

Title: Using Information Literacy to lead the Fourth Industrial Revolution

Staff Presenters: Rachel Juskuv, Maura Keating

Our future in the world ahead will include continued upskilling and dexterity in learning. While technical skills are crucial, we must be able to understand, be critical of, and evaluate the cultural, historical, and technical background behind the data to be effective users and creators of data. While data are the facts or details from which information is derived, individual pieces of data are rarely useful alone. For data to become information, data needs to be put into context. Information literacy is the tool that helps to build meaning. During this session, we'll examine recent examples of data misunderstanding and misuse and ideate how we can use information literacy skills to strengthen our teaching and our community.

Session B17

Academic Innovation Center

Session Type: Paper Presentations

Room 212

Title: Global Supply Chain Management Practicum Projects

Faculty Organizer: Professor Christopher J. Roethlein

Note: This session continues to Session C.

Global Supply Chain Management students taking the capstone, Empirical Applications in Supply Chain Management, will present the current status of their supply chain consulting projects.

Title: Providing More Efficient Solutions to Avoid Strain in AVTECH'S Supply Chain and Manufacturing Process

Student Presenters: Alexandra Aubron, Charlie Faughnan, Melissa Hurwitz, Zedekiah Maldonado, Grant Poster, Daniel Ryder

Faculty Advisor: Professor Michael Gravier

The main objective of the Bryant University Consulting Team is to analyze the current inefficiencies within AVTECH's supply chain and identify opportunities for improvement. The first step included examining the bills of material, and identifying hard to source, and long lead-time items. An analysis of the company's current manufacturing, and transportation processes was conducted which identified opportunities, processes that can be improved, and how to implement certain improvements. Our team is utilizing the data provided to analyze shipping routes of component pieces involved in manufacturing, as well as the finished products. As part of analyzing the transportation, and demand of the final product being shipped to the end customer, we will use our findings to determine whether AVTECH should add additional suppliers or manufacturers in the western region of the country. Distribution improvements were analyzed to compare carrying costs, and increased inventory compared to shipping cost reductions and transit time improvements. The team plans to construct a distribution model to determine recommended inventory levels by location and the optimum mix of finished goods inventory that minimizes order customization requirements on new sales.

SESSION B

9:30 AM - 10:45 AM

Title: Inventory Model Development and Implementation at Becton Dickinson

Student Presenters: Thomas Bartkus, Alexander Bessette, Michelle Chen, Katherine Connelly, Jack Graydon, Evan Mei, Ryan Witt

Faculty Advisor: Professor John Visich

As a Student Consulting Team, we were brought on to create an inventory model to improve and identify Lead Times, Accessibility, Demand Variability, to increase consistency and continuity across Becton Dickinson as a whole. The purpose of the model was to be used as a proof of concept to help bring about effective change for BD's inventory model in the future. Utilizing research that we acquired, we created an inventory model that factored in all relevant variables using Excel. The model utilized historical data to be able to find proper safety stock levels. We also were asked to create fields that allowed us to change independent variables to better clarify future decision making, as well as outputting graphs that displayed the change in factors and safety stock level. In the future, we will be presenting this model to upper level management to change the inventory modeling process they currently have.

Title: Determining Appropriate Forecasting Models for All Product Lines at BigMouth, Inc.

Student Presenters: Gabby Lippin, Ben Murphy, Kerri O'Connell, Olivia Taylor, Ryan Wynns, Jack Young

Faculty Advisors: Professor Teresa McCarthy and Professor Michael Gravier

This project aims to add an element of predictability in supply chain forecasting for a company that is rapidly expanding. This Bryant consulting team worked alongside Big Mouth Inc., an original equipment manufacturer of pool floats and novelty gifts, to adopt suitable forecasting models for the company for different product lines based on demand variability, product category, seasonality and replenishment amount. The goal is to propose different methodologies for determining proper supply and then develop an analysis model that can be used weekly to determine what stock needs to be transferred to Amazon from third party logistics.

Title: Gross Profit Forecast Analysis for HABCO Industries

Student Presenters: Kacper Chrabaszcz, Lianna Colarusso, John Cook, Robert Mazurek, Malcolm Mongeau, Allison Tardif

Faculty Advisor: Professor Christopher Roethlein

HABCO is a manufacturer of proven support and test equipment for both aerospace and defense segments. They have grown from providing equipment parts solely for Pratt & Whitney to supplying thousands of testing tools, engine tools and RFID tool control products. Due to the rapid growth of their test equipment manufacturing segments, HABCO is realizing an increase in material inputs. Our project specifically analyzes HABCO's purchasing history of commodity metals such as steel and aluminum. By isolating the steel composition of all manufactured parts, HABCO can aggregate total steel purchased in both volume quantity and dollar amount. Understanding how much of their material costs come from steel, HABCO can consolidate future steel purchases to one vendor and leverage a pricing discount.

SESSION B

9:30 AM - 10:45 AM

Session B18

Academic Innovation Center

Session Type: Paper Presentation

Room 222

Title: Analysis of Financial Information Using Data Visualization

Student Presenters: 42 students from 2 sections of ACG 203 Honors Principles of Financial Accounting

Faculty Sponsor: Professor Maryella Gainor

Note: This session will continue in Session C

Students will use financial information from real companies to report on company performance compared to competitors. Students use the following data literacy tools:

- Calcbench - a financial database for public companies
- Excel - spreadsheet software allowing for data organization into tables
- Ratio and trend analysis
- Tableau - a data visualization tool used to tell the company story

Session B19

Academic Innovation Center

Session Type: Paper Presentation

Room 223

Title: Sonic Logos: Sonic Cues Moderate Consumer Judgments of Logo Shapes

Faculty Presenter: Professor Shawn P. Scott (co-authors: Dr. Lauren Labrecque, Dr. Daniel Sheinin)

Sonic logos have been around since the original NBC chimes and now can be recognized in the computers we use, phones we carry around and even in the brand identities we see on TV or online. In a pretest we tested the theoretical propositions that different sonic characteristics can impact consumers' perceptions and identified which sonic characteristics were higher in perceptions of happiness or strength. We plan on using these stimuli to build on further research that explores two moderators: brand logo shape and construal level in the aim to change consumers' perceptions and mindset.

Session B20

Academic Innovation Center

Session Type: Panel Discussion

Room 130

Title: Pop Culture through a Critical Lens: The Lorax, Black Mirror, and "Get Out"

Faculty Sponsor: Professor Martha Kuhlman

In this panel, students from LCS 490 (Critical and Cultural Theory) present key points from their final papers in this course. Each paper engages with the works of one or more of the challenging theorists we studied over the course of the semester, and refers to a range of authors, (including Karl Marx, Sigmund Freud, Sara Ahmed, Suzanne Keene, Pippa Marland, and Lawrence Buell), in order to illuminate texts from popular culture (the children's book The Lorax, an episode from the Netflix series Black Mirror, and Jordan Peele's film Get Out).

Student Presenter: Eliza Hodge

Title: “Dr. Seuss’ *The Lorax* through Ecocriticism”

The works of Dr. Seuss have delighted children for decades, but few know the impact he has from a critical standpoint. *The Lorax* was written in 1971 at a time when ecocriticism was just beginning to form as a discipline. Dr. Seuss used his platform to send a message to children, and their parents, about the issues facing us regarding overconsumption and greed. It remains popular among children and environmentalists alike over 40 years later, despite attempts by the logging industry to discredit his message. *The Lorax* may not look like a piece of critical work on the surface, but when looking at it through an ecocritical lens, we are able to see the importance of his words in teaching future generations to care for the environment.

Student Presenter: Grace Rizzuto

Title: Black Mirror Episode “Men Against Fire” as a Parable of Xenophobia

The *Black Mirror* episode “Men Against Fire” (Series 3, episode 5, 2016) uses a dystopian landscape and the gripping storyline of a soldier to portray the xenophobia so prevalent in American society today. The bleak direction of the narrative offers a stark and troubling commentary on how we continue to choose ignorance over knowledge so that we do not have to deal with the uncomfortable truths of our past choices and mentalities. By invoking “affective economies” (Sara Ahmed) and Marx’s concept of alienation, I will discuss how this episode raises troubling questions about our attitudes towards the “other,” particularly immigrants. I conclude by considering how Suzanne Keane’s concept of “narrative empathy” offers a modicum of hope in the face of such a demoralizing view of our society.

Student Presenter: Elana Williams-Leonard

Title: Jordan Peele’s “Get Out” and the “Sunken Place” of Racism in Contemporary American Society

The focus of this paper is to apply the concept of the “return of the repressed” described in Sigmund Freud’s essay on “The Uncanny,” to the notion of the “sunken place” in Jordan Peele’s 2016 satirical psychological horror film, *Get Out*. Through this reading, I argue that Peele’s film can offer a critical understanding of race relations in contemporary American society, specifically pertaining to the African American experience, and can help people conceptualize what it means to be marginalized and labeled as “other.” In *Get Out*, the “sunken place” is symbolic of the idea of blackness as a whole and our country’s unforgettable history with slavery as something that is repressed, but that returns in another manner through a form of contemporary “race-blind” racism. Thus, the film not only highlights the historical exploitation of the black body, but also refutes common misconceptions and white dominant ideologies regarding post-racialism and color blindness.

SESSION B

9:30 AM - 10:45 AM

Session B21

Academic Innovation Center
Room 131

Session Type: Paper Presentation

Title: Trump's Improvisational Presidency

Faculty Presenter: Professor Richard Holtzman

Political observers and commentators have noted that, on a number of occasions, President Donald Trump appears to be making policy on-the-fly. As USA TODAY (April 5, 2018) reported: "From transgender troops in the military to immigration and tax cuts, Trump has a habit of winging it: announcing (or tweeting) a policy pronouncement, and leaving it to aides to fill in the details (or somehow walk it back)." Despite Trump's clear propensity for acting on impulse, this "details to follow" approach to policy-making is nothing new. In recent decades, there have been many cases in which presidents have similarly engaged in this sort of rhetorical policy-making.

While media and popular accounts predominantly focus on the leadership style and skills of individual presidents, my research instead explores the phenomenon of improvisational policy-making by focusing on the office of the presidency. More specifically, my presentation will articulate the theory of the hyper-rhetorical presidency, which seeks to explain presidential behavior as a consequence of (1) external pressures on the White House to deliver, (2) the lack of institutional capacity to effectively do so, and (3) the overwhelming need for presidents to always appear "in control."

Session B22

Academic Innovation Center
Room 235

Session Type: Interactive

Title: The Law and You

Student Participants: Marc Benjamino, Joe Corsini, Paris Flynn, Matt Franz, Mike Herrmann, Ross Howlett, Casey Keenan, Josh Lee, Gabbi Lemanski, Tom Lombardi, Molly Madden, Jack Maillet, Tim Mullen, Zach O'Grady, Nick Pelletier, Justine Sennett, John Svensen, Srujana Tammisetti, Matt Underhill, Matt Walsh, Emily Yu, Blake Zaniol

Faculty Sponsor: Professor Ilisabeth Bornstein

My GFCL section focuses on legal issues and topics in law with are relevant or of interest to college students. As a culmination to one unit in my course, students will present at RED19, in a form or medium of their choosing, information on a legal topic or issue to educate their peers. Students will work in small groups or solo to present information to peers about laws and legal issues relevant to college students. Some students may have posters, some may produce a video, some may talk and present handouts, etc.

SESSION B

9:30 AM - 10:45 AM

Session B23

Academic Innovation Center

Session Type: Poster Presentations

Room 237

Title: Student Presentations for FIN 201

Student Presenter: Students from the 1 pm section of FIN 201

Faculty Sponsor: Professor Maura Dowling

Note: This session continues in Session C.

Students will discuss their learning in their investing projects.

SESSION C

1 1:00 PM - 12:15 PM

SESSION C

11:00 AM - 12:15 PM

Session C1

Unistrucre MRC4

Session Type: Paper Presentations

Title: Bryant Economic Undergraduate Symposium

Faculty Sponsor: Professor Ramesh Mohan, Ph.D.

Note: Please see pages 6 and 7 of the Program for the presenters and their paper titles. This session continues from Session B and continues through some of Lunch and Session D

Session C2

Unistrucre 267 and 268

Session Type: Oral Presentation

Title: Junior Honors Capstone Student "C" Pitches

Faculty Sponsor: Professor Jane McKay-Nesbitt

Note: This session continues from Session A and continues through Session C, Lunch and Session D

Session C3

Academic Innovation Center Breakout Rooms 134-138

Session Type: Showcase of Creative Expression

Title: Beyond Objects: Connecting to the Arts through Personal Stories and Experience

Student Presenters: Students from LCS 440: Arts and Entertainment: Issues in Arts Administration

Faculty Sponsor: Professor Joan Zaretti

Note: Please see page 11 for a description of this submission. This session continues from Session B and will continue through Lunch and Session D

Session C4

Unistrucre Room 242

Session Type: Paper Presentation

Title: Deviant Behaviors: The Role of Relational Authenticity in the Workplace

Faculty Presenter: Professor Kathryn Ostermeier, (co-authors: Michele Medina Ph.D., Assistant Professor of Management, Mississippi State University, College of Business, Department of Management & Information Systems; Sara Davis Ph.D. Student, Mississippi State University, College of Business, Department of Management & Information Systems)

Organizational behavior scholars have been fascinated by the idea of authenticity in the workplace, as evidenced by the popularity of authentic leadership as a construct and by the many new authenticity constructs that have emerged. In this paper, we explore workplace relational authenticity – defined as being genuine in workplace relationships – using fairness heuristics theory to explain why some individuals are less likely to engage in deviant behaviors than others. Specifically, we explore the effects of relational authenticity on counterproductive work behaviors (CWBs), as well as the moderating effects of organizational justice. To measure relational authenticity, we adapt a validated relational authenticity scale to the organizational context. Results from our study of student employees (n = 352) holistically indicate that relational authenticity is significantly and positively related to engagement in CWBs. These results also support the notion that organizational justice dimensions affect the magnitude of these relationships, through the exploration of procedural, distributive, interpersonal, and informational justice. Future research and implications for practice are discussed.

Session C5

Unistrucre Room 243

Session Type: Paper Presentation

Title: CLASH OF TITANS: An Analysis of China, Japan, and US Perspectives on the East China Sea & The Impact on the Asian-Pacific Region

Student Presenter: David Schmidt

Faculty Sponsor: Professor John Dietrich

This paper examines the perspectives of the United States, China, and Japan on the East China Sea dispute, and how the dispute has impacted the Asian-Pacific region. By examining this important case, I clarify the perspectives of the US, China, and Japan and the impact this dispute has on the Asian-Pacific region. The main research strategy applied in this study was qualitative research and the application of the case study method. Consequently, this paper argues that China's perspectives are formed primarily by its economics, national security, nationalism, and its interpretation of the rule of law in regard to the United Nations Convention on the Law of the Sea. While both Japan and the United States views are fashioned primarily by their desire for peace and stability within the region while also defending the rule of law narrowly. Likewise, the paper also claims that the Asian-Pacific region is experiencing profound impacts due to the dispute.

Session C6

Unistrucre Room 244

Session Type: Paper Presentation

Title: Making an Impact - Take-aways from Creating a Student-Driven Statistical Consulting Group for Non-Profits

Faculty Presenters: Professor Alicia Lamere, Professor Son Nguyen, Professor Kristin Kennedy, Professor Richard Gorvett, Professor Gao Niu

A common problem in mathematics and statistics departments at academic institutions is providing students with experience working with real-data in place of the often sanitized "toy" datasets used in the classroom. A solution can be creating mutually beneficial collaborations with local organizations and businesses. This presentation will discuss the creation of the Bryant University Statistical Consulting Office (BUSCO), and will explore both its successes and failures, with the purpose of guiding and inspiring other organizations. In particular, the challenges involved with obtaining funding, identifying and partnering with non-profits, cleaning available data, and guiding students through a meaningful and purposeful consulting experience, will be discussed—along with a few examples of current projects underway with the non-profits Catholic Foundation of Rhode Island, the Katie Brown Educational Program, and College Visions.

SESSION C

11:00 AM - 12:15 PM

Session C7

Unistrucre Room 245

Session Type: Paper Presentation

Title: *jViva Latino!* The Rising Popularity of Latin Music in the US (old title: The Despacito Development)

Student Presenter: Kerri O'Connell

Faculty Sponsor: Professor Heather Moon

Note: This presentation will be given in Spanish

A research and analysis into the increasing popularity of Latin music within the United States. Using Spotify data, survey data, interviews, and many prior sources, the paper combines the use of data with humanities and expert opinions in the discussion around Latin music. From this project, it is in hopes that we gain more insight into the relationship between Latin music, streaming services, and consumer perceptions.

Session C8

Unistrucre Room 246

Session Type: Panel Discussion

Title: Proactivity: A Tutor's Guide to Academic Success

Student Presenters: Audrey Chase, Christopher Dodd, Mckenzie Kozma, Matthew Mastroianni, Michael Matkowski, Shannon O'Connor

Staff Sponsor: Stephanie Carter

We are a group of tutors who work in ACE and are striving to achieve our CRLA Level II Certification. While we all have different subjects that we tutor in (i.e. Accounting, Economics, Finance, Math, History and Writing), we have all found commonalities to guide students to success. In our respective tutoring areas, there are different study skills that help students across those areas. From group collaboration and conversation, we have found that proactivity plays a very large role in how successful students are in their courses. Throughout our time tutoring this year, we have seen the positive impacts this can have on the wide variety of students who utilize ACE and the Writing Center.

Session C9

Unistrucre Room 247

Session Type: Panel Discussion

Title: Merits of Project Management Education

Student Presenter: Samuel Esserman

Faculty Sponsors: Professor Robert Massoud, Professor Samuel Kornreich

This panel will discuss the merits of project management as (1) a potential career option; (2) a key addition to a student's 'toolkit' for future employment; (3) a critical tool for establishing strong educational and work habits.

SESSION C

11:00 AM - 12:15 PM

Session C10

Unistrucre Room 251

Session Type: Panel Discussion

Title: Reflections on Paris and Baudelaire's Spleen of Paris as an Inspiration for Prose Poetry

Student Presenters: Matthiew Chasse, Said Eljadidi, Kayla Fournier, Avery Laberge, Cade Webster

Faculty Sponsor: Professor Yuri Kondratiev

Students will read their own prose poems in French, which they composed for FR 404: Paris in French Cinema and Literature. It's a result of reflections on various images of Paris - both negative and positive - which students examined throughout the course. I will preface these readings by discussing Baudelaire's use of metaphor, metonymy, synesthesia and irony in his Spleen of Paris, in which the author combines poetic techniques and elements of prose - narrative, character, setting etc. Poetry readings in French will be followed by Q&A in French and/or English.

Session C11

Unistrucre Room 269

Session Type: Paper Presentation

Title: Woonasquatucket Watershed Land Development and History

Student Presenter: Gregory Goodinson

Faculty Sponsor: Professor John Stachelhaus

A project consisting of independent research using ESRI ASRCGIS Online Software to develop an online internet web mapping application (ESRI Story Map) supporting a study centered on Land Use/Cover change in the Woonasquatucket watershed in northern Rhode Island. The application will explore the effects of land cover change over the 2003-2011 time frame. Forest cover loss and increases in developed land with associated creation of new impervious surfaces within the northern portions of the watershed are a factor in downstream flooding in the southern portions of the watershed. The story map illustrates this change in a new, exciting way.

Session C12

Academic Innovation Center

Session Type: BASIC Bryant Adaptability Sales Improv Challenge

Innovation Forum

Title: BASIC for Students Interested in Competing in BASIC

Student Participants: Students in MKT 363 and MKT 463 and anyone interested in sales

Faculty Sponsor: Professor Stefanie Boyer

Note: This session continues from Session B.

We will begin with some basic improv training, training on understanding emotions, the bias we bring to the table, and warm up our adaptability skills. We will put these new skills to the test with an improv sales competition.

SESSION C

11:00 AM - 12:15 PM

Session C13

Academic Innovation Center

Session Type: Paper Presentation

Room 118

Title: Higher Education and Nation Building in Southeastern Africa

Guest Presenter: Dr. Priya Lal, Associate Professor, Boston College, Morrissey College of Arts and Sciences, History Department

Faculty Sponsor: Professor Laura Beaudin

This talk examines the first universities built in 1960s Tanzania and Zambia shortly after decolonization, through the experiences of individual students and professors. These institutions functioned as important instruments of nation building, but they also exposed contradictions of this process. Tanzania's and Zambia's national universities were simultaneously meant to educate an intellectual elite and reinforce socialist equality, to meet lofty scholarly standards yet serve practical local needs, and to support radical critical inquiry but subordinate themselves to their governments. They mediated the realms of the domestic and foreign, society and the state, and theory and practice.

Session C14

Academic Innovation Center

Session Type: Panel Discussion

Room 119

Title: Art before 1850: Constructing a Digital History of Things

Student Presenters: Eric Aiken, Jennifer Foster, Bill Hayden, Lily Iacurci, Jacqueline Kazanjian, John Littlefield, Mitchell Neddermann

Faculty Organizer: Professor Maura Coughlin

Students from Global Art History before 1850 will present their research on art and architecture. These essays come from the course's digital project.

SESSION C

11:00 AM - 12:15 PM

Session C15

Academic Innovation Center

Session Type: Paper Presentations

Room 212

Title: Global Supply Chain Management Practicum Projects

Faculty Organizer: Professor Christopher J. Roethlein

Note: This session from Session B.

Global Supply Chain Management students taking the capstone practicum course Empirical Applications in Supply Chain Management will present the current status of their supply chain projects for various companies in the surrounding community.

Title: Supply Chain Intranet Presence at Lifespan

Team Members: Vivianne Brandao, Erin Downing, Meng Hu, Zhiyan Mai, Syeda Zaidi, and Peiqi Zhang

Faculty Advisor: Professor Suhong Li

Lifespan has proposed for our team to create and design their supply chain departments' intranet page customized to their needs. In doing so, the Lifespan capstone team has visited different parts of the Lifespan supply chain sites to research and collect information and criteria that each specific branch desires. After collecting all the information, our team had compiled notes to construct an outline for the intranet. With the approval of the template, the next step will be to move on to develop a draft of each page based on the sub-departments in supply chain. Each step working on the intranet consist of approval of the Lifespan representatives to ensure correct information is produced. Once everything is finalized and set up for Lifespan to use and publish, Lifespans internal users will test it based on ease of access, attractiveness, attention to detail along with following their criteria given during the site visits.

Title: Inventory and Supplier Consolidation at MAGSEAL

Student Presenters: Jack Alencewicz, Alec Bliss, Matthew Judge, James Kitt, Brian Lenehan, Kristen Perry, Christopher Wrenn

Faculty Advisor: Professor John Visich

The project entails consolidating MAGSEAL and recently acquired THM's barstock supply into one facility at THM in an organized manner. The project also includes consolidating suppliers in order to find cost savings from increased order quantity. Additionally, our group is tasked with reorganizing THM's warehouse to make the consolidation possible for the new bar stock inventory layout. We are also working to implement a kanban system.

Title: Adapting International Supply Chains Post "301 Tariffs": Proactive Changes to the Summer Infant Supply Chain

Student Presenters: Caitlyn Bashara, Anthony Deluca, Emily Dowd, Rajat Gupta, Cory Hyde, Nikolas Marks, and Maina Zou

Faculty Advisor: Professor Christopher Roethlein

The goal of the Summer Infant project is to assess the costs, benefits, and potential savings of producing Summer Infant's product line outside of its current Chinese facility in another foreign country or reshoring the production process. Using a quantitative index and a qualitative assessment, the team will evaluate foreign production options and then work with the Summer Infant points of contact to quantify

SESSION C

1 1:00 AM - 12:15 PM

the financial impacts of moving or maintaining current production sites. In the short term, the project seeks to mitigate tariff costs, incurred from the trade war, and, in the long term, generate further savings by proactively avoiding fees.

Title: 3PL Hose E-Commerce Distribution at Teknor Apex

Student Presenters: Lexi Arpander, Ethan Hickey, Sam Nisbet, Matt Oliver, Christina Palazzo, Carolina Sepulveda, Loren Torres-Cruz

Faculty Advisor: Professor Teresa McCarthy

Teknor Apex's goal is to come up with a new distribution strategy for their hose division regarding their e-commerce clients. Currently, hoses are shipped to the warehouses of various clients such as Amazon, Home Depot, Walmart, or Lowe's. When a customer purchases a hose from one of these retailers, the hose is shipped from the retailer's warehouse to the consumer. Teknor now would like to ship the hose directly from their own warehouse to the consumer. For this project, we are trying to decide if the best course of action is to go with Amazon FBA to fulfill these orders or another third-party logistics company. Ultimately, we plan to create a model that will determine the optimal solution. In doing this, we hope to save Teknor Apex's customer service division about 50 labor hours per week-- this would translate into thousands of dollars in savings as warranty returns and replenishments will go directly through the third-party fulfillment center. This is incredibly beneficial to Teknor Apex as they are not equipped with handling single deliveries.

Session C16

Academic Innovation Center

Session Type: Paper Presentation

Room 222

Title: Analysis of Financial Information Using Data Visualization

Student Presenters: 42 students from 2 sections of ACG 203 Honors Principles of Financial Accounting

Faculty Sponsor: Professor Maryella Gainor

Note: This session continues from Session B

Students will use financial information from real companies to report on company performance compared to competitors. Students use the following data literacy tools:

- Calcbench - a financial database for public companies
- Excel - spreadsheet software allowing for data organization into tables
- Ratio and trend analysis
- Tableau - a data visualization tool used to tell the company story

SESSION C

11:00 AM - 12:15 PM

Session C17

Academic Innovation Center

Session Type: Paper Presentation

Room 223

Title: AccessSARing the Teaching Laboratory for Drug Discovery

Student Presenters: Ryan Baker, Colby Norris, Joseph Prete, Michael Pepin, Jordan Dagrín, Tal Zamir

Faculty Sponsor: Professor Gerald John

FGKC is a molecule synthesized by Dr. Chris Reid's research lab. This molecule has good anti-microbial properties for gram-positive bacteria but is ineffective against gram-negative bacteria. Our objective is to modify the FGKC molecule to be effective against both gram-positive and gram-negative bacteria. The molecule will be modified using group of acids and aldehydes. The acids and aldehydes are synthesized from alcohols in the laboratory which are then used to modify the FGKC molecule.

Using the Drug Discovery Method to Perform Research on Gram-Positive Bacteria, presented by Ryan Baker

Biomolecule Modification: An Organic II Teaching Laboratory Technique, presented by Colby Norris

AccessSARizing the Laboratory: Oxidation of Alcohols to Aldehydes and Acids – Part I, presented by Joseph Prete

AccessSARizing the Laboratory: Oxidation of Alcohols to Aldehydes and Acids – Part II, presented by Michael Pepin

Simply Elaborate, Transforming Alcohols into Aldehydes, presented by Jordan Dagrín

What's in a Name? Turning Unreactive Alcohols into Reactive Aldehydes via PCC Oxidation, thereby Activating the Formation of Novel Molecules, presented by Tal Zamir

Session C18

Academic Innovation Center

Session Type: Paper Presentation

Room 130

Title: Innovation, Engagement and Impact: Story Telling and Design Thinking Techniques in Teaching

Faculty Presenter: Professor Crystal Jiang

Successful innovation is the combination of creative ideas and sustainably profitable business models. Beyond ideation is a systematic process of searching for the right business model to support the new product. This systematic search involves understanding customer needs and their jobs-to-be-done. It involves figuring out the right solution for customers, the right channels to reach them and the right customer relationships to have. It also involves figuring out the right price points and cost structures for profitability. Storytelling is a fully active and concrete endeavor. Through proper guidance, students will be able to step in and out of the process to elaborate, refine, or evaluate the characters, the setting, or the plot, as we go along. In doing so, we place ourselves in a unique position to make sense of the social, cultural, and interpersonal material that makes up the story in an active, dynamic way.

Through proper training of storytelling and embracing design thinking techniques, complicated business concepts can be illustrated and presented in a vivid and logical way. It could not only help students with case analyses and project presentation, but also facilitate job search during the interview process.

Session C19**Academic Innovation Center****Session Type:** Showcase of Creative Expression**Room 131****Title:** 2019 Bryant App-a-Thon**Faculty Sponsor:** Professor Lou Mazzucchelli**Note:** This session continues through Lunch and Session D.

During this annual event Bryant students connect directly with the IT department to brainstorm and compete in creating the next mobile app designed specifically to help the Bryant community. This event is sponsored by Bryant Ventures and CEO.

Session C20**Academic Innovation Center****Session Type:** Panel Discussion**Room 235****Title:** Current Directions in Psychology Research**Student Presenters:** Dana Blasi, Noelle Daly, Caroline Forest, Juliann Schrow, Haley Wood**Faculty Sponsors:** Professor Allison Butler, Professor Joseph Trunzo

Format: Each researcher will present a 10-12 minute summary of project goals, method of inquiry, and findings. The studies that will be presented include:

Exploring Decision Making for Genetic Testing Using the Possibility Probability Questionnaire, presented by Caroline Forest

Do You Really Want to Know? The Possibility/Probability Questionnaire as a Predictor of Relationship Decision Making, presented by Dana Blasi

Childhood Adversity as a Predictor of Resiliency Later in Life, presented by Haley Wood

Predicting Variables of Instagram Intrusiveness, presented by Noelle Daley

Following the individual presentations, Juliann Schrow, a senior Psychology major, will highlight common themes and interesting points of divergence across the studies. To conclude, panelists will answer questions from the audience.

Session C21**Academic Innovation Center****Session Type:** Interactive Demonstration**Room 236****Title:** ROS and Turtlebot in Teaching Service Robots' Navigation**Faculty Presenter:** Professor Chen Zhang

The total number of professional service robots sold in 2017 rose considerably by 85% to 109,543 units up from 59,269 in 2016. The sales value increased by 39% to US\$ 6.6bn. In order to give Bryant University students exposure to popular hardware and software adopted to implement these service robots, we have acquired and assembled Turtlebot3 and installed ROS (Robotic Operating System) client and server. This presentation will give an introduction of these hardware and software platforms and a brief demo of the navigation and obstacle avoidance behavior of the robot.

SESSION C

11:00 AM - 12:15 PM

Session C22

Academic Innovation Center

Session Type: Poster Presentations

Room 237

Title: Student Presentations for FIN 201

Student Presenter: Students from the 9 am and 3:30 pm sections of FIN 201

Faculty Sponsor: Professor Maura Dowling

Note: This session continues from Session B.

Students will discuss their learning in their investing projects.

Session C23

Unistrucre Room 252

Session Type: Panel Presentation

Title: Transgressive Creative Practices - New Voices, New Visions from Literary and Cultural Studies Students

Student Presenters: Nicola DiFusco, Cherlene Erauda, Elana William-Leonard

Faculty Sponsors: Prof. Jeff Cabusao and Prof. Martha Kuhlman

This panel features the creative work of declared Literary and Cultural Studies (LCS) students. Each student provides insight into the ways in which creativity is informed by scholarly research. The interdisciplinary nature of each project sheds light on how crossing (transgressing) borders and boundaries is a distinguishing feature of the kind of work students produce in the field of literary and cultural studies.

Nicola DiFusco discusses his artistic portfolio which was created through a semester-long independent study and functioned as his senior capstone in English and Cultural Studies. Nicola's portfolio work explores the body through three interconnected contexts: the cyborg body, the body-in-landscape, and the activist body.

Cherlene Erauda explores the process of creative writing from a Filipina American perspective. In addition to sharing a portfolio of her creative work, Cherlene will discuss the category of Filipino American literature from her unique vantage point as a creative writer.

Elana Williams-Leonard discusses her project for a directed study course which fulfills the upper-division capstone course for the Africana/Black Studies minor. Elana examines the ways in which "intersectionality" has always been central to African American women's participation in movements for social change—from Black Liberation and Women's Liberation to contemporary movements such as #BlackLivesMatter.

SESSION D

1:15 PM - 2:30 PM

SESSION D

1:15 PM - 2:30 PM

Session D1

Unistrucre MRC4

Session Type: Paper Presentations

Title: Bryant Economic Undergraduate Symposium

Faculty Sponsor: Professor Ramesh Mohan, Ph.D.

Note: Please see pages 6 and 7 of the Program for the presenters and their paper titles. This session continues from Lunch and Session C

Session D2

Unistrucre 267 and 268

Session Type: Oral Presentation

Title: Junior Honors Capstone Student "C" Pitches

Faculty Sponsor: Professor Jane McKay-Nesbitt

Note: This session continues from Lunch and Session C

Session D3

Academic Innovation Center Breakout Rooms 134-138

Session Type: Showcase of Creative Expression

Title: Beyond Objects: Connecting to the Arts through Personal Stories and Experience

Student Presenters: Students from LCS 440: Arts and Entertainment: Issues in Arts Administration

Faculty Sponsor: Professor Joan Zaretti

Note: Please see page 16 for a description of this submission. This session continues from Session C and Lunch

Session D4

Unistrucre Room242

Session Type: Paper Presentation

Title: Capital Punishment... a Viable Method of Sentencing? The Different Execution Methods used in American Legal History

Student Presenter: Anna Torregrossa

Faculty Sponsor: Professor Ron Washburn

Capital punishment... a viable method of sentencing? Why or why not? What execution methods were and still are available today? The pros and cons of each and why death by firing squad should be the most viable method due to the degree of torturing incorporated into execution in comparison to others. Relations from the Supreme Court assessing the rights of the 8th amendment.

SESSION D

1:15 PM - 2:30 PM

Session D5

Unistrucre Room 243

Session Type: Paper Presentation

Title: The Role of Religion in Women's Reproductive Healthcare

Student Presenter: Hannah Olsen

Faculty Presenter: Professor Nicole Freiner

My paper is about how religious refusal laws and the Catholic bishops prevent women from getting appropriate healthcare. Pharmacists are allowed to refuse to fill prescriptions for emergency contraception and other necessary and time-sensitive medications due to religious beliefs. 1 out of 6 hospitals in the US are affiliated or owned by the Catholic church, and all of its hospitals must follow the protocols issued by the US Catholic Conference of Bishops, including a complete ban on abortion. This means that when a woman is having a miscarriage, hospital staff are not allowed to induce labor until her life is at risk, and they must refuse to abort even an ectopic pregnancy, which are fatal to the mother. Catholic hospitals also refuse to provide rape victims with emergency contraception. This issue is incredibly important: religious beliefs should not get in the way of women seeking necessary medical care, and they are not a reason to put women's lives and health at risk.

Session D6

Unistrucre Room 244

Session Type: Paper Presentation

Title: Foregrounding Morality: Encouraging Parental Media Literacy Intervention Using the TARES Test for Ethical Persuasion

Faculty Presenters: Professor Kevin J. Pearce, Professor Stanley Baran

In the United States, children are exposed to literally hundreds of thousands of television commercials a year and virtually every aspect of kids' lives are replete with commercial messages. The negative effects of this exposure are well documented. Yet, there remains very little regulation or limit on advertising to children beyond that which exists for adults. Additionally, only about 1/3 of U.S. parents wish for stronger controls. This presents a challenge for media literacy scholars and practitioners. Research has shown that, when presented with information about the negative effects of commercial messages, parents are more likely to adopt some form of media literacy intervention. In this study, we test to see if framing the concept of advertising to children as being unethical (using the TARES test) will increase parents' willingness to engage in media literacy intervention techniques. Results show that when advertising to children is framed as being unethical, parents indicated a greater willingness to engage in concept-oriented communication as a media literacy intervention than when the negative effects of advertising is presented without an ethical framing.

SESSION D

1:15 PM - 2:30 PM

Session D7

Unistrucre Room 245

Session Type: Panel Discussion

Title: Classic Folklore Review and Facing Its Challenge in the Future

Staff Sponsor: Xiuli Lyu

As a crucial part of world culture, ethical and local folklore has undergone a profound transition, especially with the impact of rapid development of information technology. An academic attention should be aroused thoroughly to its importance. During this presentation I will describe what Folklore is and focus on the following facets:

- The origins and development of folk literature all around the world
- Major forms of folklore from different cultures and their representative classics and collections
- The nature, functions and preservation of folklore
- Academic challenges toward folklore and its studies today and what it will be in the future

Session D8

Unistrucre Room 246

Session Type: Panel Discussion

Title: Five Challenges That Impact Student Success in Writing

Student Presenters: Miranda Harpin, Olivia Valenti, Elana Williams-Leonard

Staff Sponsor: Stephanie Carter

This presentation by peer writing consultants will outline the three most common difficulties that students face during writing consultations in the Writing Center: sentence structure, citations, and comma implementation. Presenters will provide an overview of these challenges and will share strategies for student writers to improve in each of these areas. Audience members will have the opportunity to step into a tutoring session and see how peer writing consultants utilize resources to help students with these difficulties. Participants will see firsthand the ways in which these students struggle with these issues and how peer writing consultants assist them while promoting student success. Students, faculty, and staff will gain insight into how engaging with Writing Center resources can shape students into better writers and improve their academic performance overall.

SESSION D

1:15 PM - 2:30 PM

Session D9

Unistrucre Room 251

Session Type: Paper Presentation

Title: Hasbro Global Supply Chain Co-Op

Student Presenter: Bethany Nero

Faculty Sponsor: Professor Teresa McCarthy

I am currently working full-time at Hasbro toys as a global logistics co-op. This semester is the first time Bryant has offered the program. My presentation would focus on how the program works, the projects I have been involved in (relating to supply chain management), and information I have learned as a result of this experience. My goal with this presentation is to educate students, faculty, and staff on the benefits of participating in a co-op, and how valuable this experience has been. I want to increase the awareness of this learning program so future students will apply! The projects I will present on include optimizing warehousing operations, and developing a dashboard to track key performance indicators by cleaning and transforming data. These projects closely relate to my majors (GSCM and Applied Analytics). I believe students will be intrigued to learn more about this for credit internship/directed study that allows students to spend eight months working as an employee in an entry level role.

Session D10

Unistrucre Room 252

Session Type: Paper Presentation

Title: A Comparison of Chinese, Kuwaiti and American Consumer Satisfaction when Interacting with Technology Mediated Customer Services

Faculty Presenters: Professor Suhong Li, Professor Robert Behling, Professor Hal Records, Professor Kamel Rouibah

Using 668 responses collected from one USA university (234 responses), two Chinese universities (208 responses) and one Kuwaiti university (226), the study investigates customer preferences over two service delivery models (either in store or online) on five types of purchasing (retail, eating-out, banking, travel and entertainment) and their perception difference in customer service quality between those two delivery models in the US, China and Kuwait. Significant differences are found in customer purchasing preferences for the four types of purchasing except banking among three countries. More than half of the students in the US and Kuwait prefer in store purchasing for retail, eating out and banking, and they prefer online purchasing for travel and entertainment. For Chinese students, the majority of the students (85%) prefer in store for eating out and more than half of them prefer online for the rest (retail, banking, travel and entertainment). The results also show there exist significant perception differences in customer service quality over two service delivery models in all three countries.

Session Type: Poster Presentations

Title: Community Involvement of Bryant University Physicians Assistants Students

Faculty Sponsor: Professor Jay Amrien

Our patients are the face of the community. have made it their mission to ensure access to medicine, healthcare, and health education bringing health care closer to the community.

Title: Filling the Void: Bryant PAs Making a Difference in Rhode Island

Student Presenters: Alicia Croteau, Stacie Meisner, Katie Shikora

In the mid 1960's, there was a shortage in physicians. To fill the deficit, Dr. Eugene Stead recruited the inaugural class of Physician Assistants. This new group of advanced practice providers was able to help meet those needs. This moment marked the beginning of a new profession.

Since then, PAs have been making great strides to carve their niche in the medical profession. At Bryant University, our PA students fully embody that mission. In 2016, the Bryant PA program partnered with La Clinica Esperanza, in Providence, to start a diabetes clinic for high risk patients. Given the diversity of Providence and the health disparities present, we have taken the role of the PA directly into the inner-city to tackle some of those inequalities. With the help of a \$10,000 IMPACT grant, La Clinica and dedication of Bryant University PA students and alumni we have been able to see and treat all our patients free of charge.

Title: Screening for Diabetic Retinopathy in an Underserved Local Population

Student Presenter: Shawn Childs

Bryant University's Physician Assistant Program's mission is to improve universal access to health care by preparing students to provide exceptional patient-centered, ethical health care in a collaborative environment. In 2017 the program created a partnership with Clinica Esperanza/Hope Clinic in West Providence, where 38 percent of the population is medically underserved. This local clinic serves as the point of comprehensive primary care for a large population of uninsured and mainly Spanish speaking patients. Bryant PA students from every class work together to manage the care of more than 60 local residents, focusing on diabetes management and prevention of its devastating consequences. This includes the use of an advanced retinal camera and telemedicine technology to screen each patient for signs of diabetic retinopathy and other vision threatening conditions. By applying skills learned in the classroom students have identified significant, urgent eye disease in 27% of patients. Screening at the community level allows for more efficient allocation of limited specialty medical resources so that vulnerable patients can receive the care they need. This unique partnership has allowed each class of Bryant PA students the opportunity to learn from their patients and give back to the Providence community.

SESSION D

1:15 PM - 2:30 PM

Title: Kaleidoscope Thinking: Reflections on Race and Culture in the Works of Fiction, Non-fiction and Memoirs

Student Participants: Jean Constant, Paul Coudray, Brendan Cox, Noelle Dailey, Nicole Kim, Sam Lahart, Stephanie Lesko, James Longley, Cameron Lovell, Kelly Morrissey, Carolyn Scharl

Faculty Sponsors: Nanci Weinberger and Judith McDonnell

Writer, Chimamanda Ngozi Adichie warns us of the danger of a single story distorting our understanding of others and of other cultures. This poster session is based on many life stories with the purpose of developing empathy, reducing ethnocentrism, and challenging racism. Students in Professor McDonnell's sociology class on race and ethnicity and Professor Weinberger's class on cross-cultural psychology examined and shared central course issues raised in a student-selected collection of novels, memoirs, and non-fiction books. Each poster will provide images, quotes, and targeted details about books such as *The House on Mango Street* (Cisneros), and *Behind the Beautiful Forevers: Life, death, and hope in a Mumbai undercity* (Boo). Collectively, the posters highlight how culture, race, gender, and historical time period all shape our life stories.

Title: Topics in Healthcare Communications

Faculty Organizer: Professor Julie Volkman

Title: Designing Health Campaigns for Bryant: Increasing Awareness, Changing Attitudes and Motivating Healthy Behaviors

Student Participants: Holly Blackstead, Olivia Boyce, Caitlin Breglia, Lindsay Brodeur, Kayleigh Canavan, Isabella Corcoran, Ryan Curran, Connor Daly, Nicola DiFusco, John Elcock, Brandon Flamand, Maddison Gilbride, Samantha Iacone, Abigail Joncas, Benjamin Knights, Emma Laudano, Jamie Levenson, Remi Manna, Zachary Mastrianni, Carly Mercede, Madeline Miranda, Nicholas Pellegrino, Nicholas Poli, Jillian Rice, Francesca Smigliani, Maxwell Stone, Gina Taratino, Maddison Tassinari, Christian Yepes

Faculty Sponsor: Professor Julie Volkman

Students in COM 480 are creating health campaigns, beginning with the selection of a health issue and moving through research plan and design health messages. Projects are following campaign research (Rice and Atkin, 2013; NCI, 2001) by incorporating audience feedback in designing the campaign messages. Students would present at REDay their goals for the campaign and their prototype messaging for feedback. This feedback from the Bryant community regarding communication messages is significant.

Title: Diabetes in the Media: How Hollywood is Causing Miseducation

Student Participants: Courtney Gale

Faculty Sponsor: Professor Julie Volkman

The purpose of this study was to analyze whether or not Hollywood representations of Type 1 Diabetes cause inaccurate knowledge of the disease. An online, pre-test, post-test design was used to assess knowledge about Type 1 Diabetes. Knowledge questions were modified from the Michigan Diabetes Knowledge Scale. A total of 60 participants were randomized to watch either a two and half minute video about a diabetes experience from the movie, Steel Magnolias, (n = 33) or a montage of a Hannah Montana (n = 27) show, and at post-test provide thoughts on the video watched. The majority of participants were Female (n = 40; 66.7%), Seniors (n = 24; 40%), White (n = 54; 90%), and non-Hispanic/Latino (n = 56; 93.3%). Results showed no significant differences on knowledge questions at pre-test and post-test and video watched. Of interest, at pre-test, a third of participants answered not all Diabetes are caused by poor diet (true; n = 22; 36.7%). Overall, the outcome of this study is not what I anticipated, though the results of the study showed that the Hollywood representations did not skew participant's perception of the disease.

Title: On-line Patient Portal Use among Emerging Adults: A Cross-Sectional Survey

Faculty Presenter: Professor Julie Volkman (co-author is Julie A. Wright, Ph.D., UMass Boston)

Emerging adults (EA; ages 18-29), while generally healthy, are regular users of the healthcare system and are often considered technology savvy. The purpose of this study is to describe the usage of different on-line patient portal features among EAs. Students at an urban, minority serving university and a small private university completed an online, anonymous cross-sectional survey. Questions asked about demographics, access to a patient portal, and use of 8 common patient portal features. Of the 541 participants, 341 were EAs, of which 76% were female (n=255 of 336), and White (65%; n=222 of 341). The majority, 54% (n=184), responded yes to having access to an on-line patient portal; 77% (n=142 of 184) reported using at least one portal features. The three most commonly used features were checking lab results (n=110 of 179, 61%), appointment time (n=102 of 177, 58%), and immunization records (n=97 of 178, 54%). This study suggests that EAs are not using all of the portal features available to them. Future studies should examine the correlates of non-use to understand how to promote better engagement with healthcare system technologies (HST) among EAs.

Title: Mo Yan: The First Chinese Writer who Won the Nobel Prize for Literature

Staff Presenter: Ping Wang

Mo Yan, formerly known as Guan Mo, was born on February 17, 1955, in Shandong Gaomi. He was the first Chinese writer awarded the Nobel Prize for literature. His works with a series of local rise since the 1980s, full of "homesickness" complex emotions, are classified as "root-searching literature" writer. His Red Sorghum is a milestone of Chinese literary world in the 1980s, has been translated into more than 20 languages around the world.

Mo Yan won the Maodun Literature Award in 2011. Mo Yan won the Nobel Prize in 2012, winning the reason: "magic realism to folk stories, history and contemporary society together."

Title: Inferences about Donor Behavior for the Catholic Foundation of Rhode Island

Student Participant: Christopher L. Ethier

Faculty Sponsor: Professor Alicia Lamere

This semester, several students have begun working as statistical consultants for the newly-formed Bryant University Statistical Consulting Office (BUSCO), allowing them to make use of their learned quantitative skills while providing information and insights that should be of value to non-profit organizations. For the Catholic Foundation of Rhode Island, students are working with donor data to develop a better understanding of donation trends. They are also creating a database with the goal of allowing foundations throughout New England to compare and contrast their strategies and outcomes. This presentation will discuss progress to date, as well as insights/challenges that students have gained through this collaboration.

Title: Assisting Non-Profits with Open-Source Coding Languages

Student Participants: Edward Golas, Anthony Park

Faculty Sponsor: Professor Son Nguyen

As part of the Bryant Math Department's new initiative to provide consulting services to non-profits, we helped the Katie Brown Educational Program (KBEP), an organization dedicated to violent-relationship prevention, transition from the private software package SPSS to the free, open-source language R. The process of switching software languages often leads to a painful period of time that involves transferring data, rewriting current processes, and learning a new programming language. We help the KBEP navigate these challenges and provide the support and assistance needed for the KBEP to become a more efficient, data-oriented organization.

SESSION D

1:15 PM - 2:30 PM

Title: Statistical Consulting for Local Non-Profits

Student Participants: Rachel Cardarelli, Edward Golas, Jonathan Huntley

Faculty Sponsor: Professor Gao Niu

The math department funded our project through BUSCO (Bryant University Statistical Consulting Organization) for a non-profit organization. A combination of students and faculty are currently working with a variety of Non-Profits including a Providence based organization called College Vision to support under represented high school and college students financially and academically. The project involves data cleaning, model construction, and validation. The goal of our statistical model is to better understand the key drivers of the students' performance and further enhance College Visions' service.

Session D12

Academic Innovation Center

Session Type: Featured Special Session

Innovation Forum

Title: 2020 Vision of Data Science at Bryant and Beyond (2030)

Faculty Presenter: Dr. James (Jimi) Shanahan, John '01H and Jeanne Rowe Professor of Data Science

How will a Bryant Data Science (DS) degree prepare students for the “new collar” jobs of the future? Dr. Shanahan will discuss the importance of combining statistical and mathematical fluency with domain knowledge, while enabling students to develop a deep appreciation of the societal impacts of machine learning and AI. He will provide a glimpse into what a workday will look like in 2030 for graduates of Bryant. Questions such as, “*is data science literacy worth the investment for my field?*” will also be addressed and quantified.

By way of example, Dr. Shanahan will also look under the hood of various modern day deployments of DS&AI, such as, autonomous vehicles (e.g., Tesla), checkout-less shopping, security systems, cancer detection, financial forensics, e-discovery in law, leisure, gaming, high-frequency trading, chatbots (Alexa/Siri), fake news generation and detection, and more.

Session D13

Academic Innovation Center

Session Type: Paper Presentation

Room 119

Title: Attainment Discrepancy and Risk Taking

Faculty Sponsor: Professor Elzotbek Rustambekov

This study examines the relationship between two types of corporate aspirations and corporate risk taking before and after financial crisis, on a sample of global investment banks. Corporate aspirations can be based on past performance and performance of reference group and those two types of aspirations have different effects on risk taking. Aspirations by their very nature have strong impact on the behavior. In the face of the last financial crisis, the importance of corporate risk-taking cannot be overstated.

Findings of this study surprising and show that aspirations based on past performance are irrelevant to corporate risk taking while aspirations based on reference group are relevant, and the relationship between them and risk-taking changes before and after the crisis.

Session D14

Academic Innovation Center

Session Type: Paper Presentation

Room 212

Title: Showcase: Student Research in Political Science

Student Presenters: Vanessa MacMillan, Eliza Hodge, David Schmidt, Kaitlyn Fales

Faculty Sponsor and Panel Moderator: Professor Emily Copeland

Title: Moving Past the “War on Drugs”: A Comparative Analysis of U.S and Portuguese Drug Policy

Student Presenter: Vanessa MacMillan

This research paper aims to compare the policy in Portugal against more traditional policy systems, such as the one currently in place in the United States. The purpose of this comparison is to examine the varying outcomes associated with each policy type, narrowing in on opioid related data when possible. Ultimately, the presented argument claims that while it is a step in the right direction, decriminalization on its own, is not an effective drug policy. It must be paired with investments in public health & implementation of harm reduction programs.

SESSION D

1:15 PM - 2:30 PM

Title: The Complexities of Reaching Agreement in Negotiations: The Kyoto Protocol

Student Presenter: Eliza Hodge

The actual Kyoto Protocol negotiations lasted two weeks in December of 1997, but they were heavily influenced by actions taken beforehand, and discussions lasted long after. Leading in to the negotiations, a group of countries met to determine the procedures and proposals to reference when drafting a proposal. Within the two-week negotiation process, there was a stark split between the developed and developing nations, which led to a variety of complications which influenced the later ratification process. The main issues of contention dealt with commitment from developing nations and flexibility for developed nations on meeting targets. While an agreement was reached at the end of the process, which many see as a success, there were still issues left unresolved which led to a difficult ratification process.

Title: The South China Sea Dispute

Student Presenter: David Schmidt

"The South China Sea dispute" is on the core interests of China, ASEAN member states, and the United States in regard to the dispute within the South China Sea. Also, it reviews the UN convention on the law of the sea and its application to the dispute with a narrow focus on the areas of sovereignty and the freedom of navigation. Finally, it reviews US policy for the region and whether or not the policy has altered within the time span of 2009-2018.

Title: A Study of Voter Behavior Models and Demographics in Recent Elections

Student Presenter: Kaitlyn Fales

The American electorate is known for their disengagement in the political sphere, yet between forty and sixty percent of the voting eligible population votes consistently in national and state elections. If they are largely disinterested, how does the American voter make his decision? More specifically, how does he make a decision when immersed in a hyperpolarized climate and with politicians whose primary concern is reelection? The traditional competing models of rational choice and behaviorism can begin to explain the decision-making process, but there are other factors involved given the state of democracy today. In examining both the 2016 and 2018 elections, I attempt to explain the role of personality traits and identity in voting and how those can correlate with the voting behavior models to determine exactly who shows up to vote, and who does not.

Session D15

Session Type: Special Session

Title: Target Case Competition

Student Participants: BUS 400 students

Faculty Sponsor: Professor Michael Roberto

Note: This session starts at 2:00 and runs to 4:00 and possibly later

**Academic Innovation Center
Room 222**

Final Round of BUS400 Target Competition - presentation to Target executives.

SESSION D

1:15 PM - 2:30 PM

Session D16 Academic Innovation Center

Session Type:

Room 223

Title: Think Tank: Sports Analytics

Student Presenters: Anthony DiStefano, Zach Chase, Elena Grigelevich, Bridget Healy, Molly Healy, Alex Merten, Connor Nolen

Faculty Sponsors: Professor Ray Grigelevich, Professor Janet Prichard

Think Tank will be presenting on projects that they have done for varsity sports teams on campus (Football, Baseball, Softball, Basketball, Lacrosse) over the past year and talk about the impact we have made on our teams. We will also discuss future projects and the history of how our club was founded.

Session D17

Academic Innovation Center

Session Type: Paper Presentation

Room 130

Title: Microbial Footprints in the Sand - Coral Reef Ciliates and Diatoms

Faculty Presenter: Professor Gaytha A. Langlois

Field studies conducted at the Heron Island Research Station, located in the Capricorn region of the Great Barrier Reef, revealed complex protistan communities. Heron Reef, home to about two-thirds of the coral species found on the GBR, has experienced repeated bleaching episodes in the past decade. emphasizes the diversity of ciliates and diatoms found in reef sediments. Observations included the interactive role of the protistan component of a coral reef, in particular the dynamics of opportunistic and/or potentially pathogenic forms associated with damaged corals undergoing disease conditions, such as Brown Band disease. These altered communities are characterized by rapid tissue breakdown in hard corals, coupled with high levels of dissolved organic matter. Samples were taken by direct capture, observed with phase contrast and epifluorescence microscopy, recorded by video and photomicrography. The talk will feature images of the variety of species.

Session D18

Academic Innovation Center

Session Type: Showcase of Creative Expression

Room 131

Title: 2019 Bryant App-a-Thon

Faculty Sponsor: Professor Lou Mazzucchelli

Note: This session continues from Lunch and Session C.

It's an annual event that helps Bryant students connect directly with the IT department to brainstorm and compete in creating the next app for the Bryant mobile app that will assist in the betterment of the Bryant community. This event is sponsored by Bryant Ventures and CEO

SESSION D

1:15 PM - 2:30 PM

Session D19

Academic Innovation Center
Room 235

Session Type: Panel Discussion

Title: Philosophy and Artificial Intelligence

Student Presenters: Michael Belliveau, Michelle Besette, Lauren Canning, Aaron Gattinoni, Jacob Godwin, Jordan Klein, Alexandra Meise, Noah Pease, Joe Rinaldi

Faculty Sponsor: Professor Jennifer Horan

Students will lead a discussion on philosophical perspectives on A.I., building off of readings we have read this term and which cover ethics, epistemology, social philosophy and other topics. The main object of the panel is to have students and others in the Bryant community think about the broader and deeper questions around A.I. and its impact on humanity.

Session D20

Academic Innovation Center
Room 236

Session Type: Paper Presentation

Title: NSF Supported Research on Climate Change

Faculty Sponsors: Professor Hong Yang, Professor Qin Leng

Title: Clarkia Paleoclimate CO₂ Reconstruction: History, Purpose and Goals

Student Presenter: Joseph Prete

Currently, Earth's atmospheric CO₂ levels are at an all-time high compared with known records of the last 3 million years. While reducing CO₂ emissions may be important, it may be detrimental if society does not understand the rate at which the already released carbon will be consumed by natural processes; we are unsure the geochemical prediction that fossil fuel carbon poses long term impacts on Earth is correct, since geological data has not verified its claim. The middle Miocene era, characterized by many volcanic eruptions, experienced a rapid CO₂ injection, similar to today's accelerating released quantities. Understanding the preserved history in the fossilized remains of plants along with accompanying sediments help us to reconstruct the era's climate and how the pCO₂ levels vary through time. We have been utilizing the Clarkia fossil site in efforts to extract cuticles for our paleoclimate CO₂ reconstruction proxy. This exhibition will focus on the history and characteristics of the mid-Miocene, how volcanic eruptions have shaped the Clarkia site, and why the Clarkia Lacustrine is optimal for our specific research goals.

Title: Plant Fossil Cuticles from Mid-Miocene Clarkia Lake Sediments for Paleoclimate Studies

Student Presenter: Katelynn Howard

The mid-Miocene fossil site in Clarkia, Idaho yields exceptionally well preserved plant fossils that have attracted scientists around the globe since its discovery in 1970s. The low-oxygen deposition facilitated the preservation of compression fossils with cuticles that provides suitable material for paleoclimate reconstruction. Our research focuses on reconstructing ancient CO₂ concentrations from cuticles of four common fossil genera: Taxodium, Metasequoia, Magnolia, and Quercus. Effective procedures (Hydrochloric acid - hydrofluoric acid – hydrochloric acid - nitric acid - sodium hypochlorite) to recover large cuticle pieces have

SESSION D

1:15 PM - 2:30 PM

been developed in the Laboratory for Terrestrial Environments at Bryant University. The concentration and timing of the solutions may vary due to the thickness and preservation condition of each sample. From the obtained cuticles the stomatal index (SI) or stomatal density (SD) can be calculated for CO₂ reconstruction during the middle Miocene (~15 million years ago) warming time.

Title: Variations of CO₂ Reconstruction Based on Stomatal Frequency of Taxodium and Metasequoia Leaves from the Mid-Miocene Clarkia Lake Deposits

Student Presenter: Meng-Xiao Wu

Stomatal frequency (such as stomatal index-SI and stomatal density-SD) has been widely used to reconstruct ancient atmospheric CO₂ concentrations. However, as living plants may show large variations on stomatal frequency in the same species, the reliability of CO₂ concentrations built on several or sometimes a single fossil specimen(s) has been long questioned. We are able to test the reliability of this method by using the extraordinarily well-preserved and abundant fossil leaves from the mid-Miocene (~15 Million Years Ago) Clarkia Lake in northern Idaho which allowed us to select leaf cuticles (the cutin membranes that cover leaf surfaces from which stomatal frequency can be calculated) from various locations in one leaf and from various leaves in the same branch. For example, the SD of 15 cuticular membranes of Taxodium resulted in a large range of CO₂ concentrations between 345ppm to 445ppm. The SI of eight membranes of Metasequoia reconstructed CO₂ concentrations range between 290ppm and 345ppm. These wide and discrepant ranges confirmed that randomly selected fossil leaf samples may give very different CO₂ concentrations and different methods (such as SD or SI) and different plants (such as Taxodium and Metasequoia) may result in different CO₂ concentrations.

Session D21

Academic Innovation Center

Session Type: Panel Discussion

Room 237

Title: Topics on Modern Languages

Student Presenters: Ivan Hung, Manuela Duque, Daniel Ryder, Nicholas Walker

Faculty Sponsors: Professor Elisabetta Misuraca, Professor Heather Moon

Each language student will present on various topics related to their language of study.

Title: “Real Estate in Hong Kong: Positive Solutions”

Student Presenter: Ivan Hung

The focus of this presentation is on property development in Hong Kong.

Title: “Italian Neorealism: A Different Kind of Film”

Student Presenter: Manuela Duque

This project discusses how Italian cinema uses neorealism to uniquely highlight social and cultural issues in Italy.

SESSION D

1:15 PM - 2:30 PM

Title: The Basque Country: A Region of Cultural Independence

Student Presenter: Daniel Ryder

This is a study of the Basque Country in northern Spain and the many cultural aspects that differentiate it from the rest of the autonomous regions in Spain. Topics such as the region's history as well as language, food, sports, and many other unique cultural identifiers of the region will be highlighted.

Title: The Life and Death of Pablo Escobar

Student Presenter: Nicholas Walker

This presentation will be an intimate analysis into one of history's most notorious drug-lords. This presentation seeks to contrast fact from fiction, and to unravel the truth behind the Netflix series "Narcos", as Escobar's story is recalled from the perspective of his own son through his book Pablo Escobar, Mi Padre.

Session D22

Interfaith Center

Session Type: Showcase of Creative Expression

Title: Bryant Literary Review Annual Reading

Faculty Sponsors: Professor Matthew Null, Professor Martha Kuhlman

The Bryant Literary Review is an international magazine of poetry and fiction published annually. Its purpose is to cultivate an active and growing connection between our community and the larger literary culture. Its roster of published authors includes major award and fellowship winners. The BLR provides a respected venue for creative writing of every kind from around the world. This session provides attendees with an opportunity to listen to selections from this year's issue.

CLOSING SESSION

2:45 PM - 4:00 PM

JANIKIES AUDITORIUM

(OVERFLOW: MRC4)

INTRODUCTORY REMARKS:

GLENN SULMASY, J.D., LL.M.

PROVOST AND CHIEF ACADEMIC OFFICER, BRYANT UNIVERSITY

PERFORMANCE

THE BRYANT IMPROV TROUPE

KEYNOTE PANEL ON SCHOLARSHIP, RESEARCH & CREATIVITY

JEFFREY CABUSAO, PH.D., ASSOCIATE PROFESSOR, ENGLISH AND
CULTURAL STUDIES

KIRSTEN HOKENESS, PH.D., PROFESSOR, SCIENCE AND TECHNOLOGY

CRYSTAL JIANG, PH.D., PROFESSOR, MANAGEMENT

JACK TRIFTS, PH.D., PROFESSOR, FINANCE

MODERATOR: CAROL DEMORANVILLE, PH.D., ASSOCIATE PROVOST

AWARDS AND CLOSING REMARKS

PRESENTED BY PROVOST GLENN SULMASY