



**FACULTY COMMONS**  
JACKSONVILLE STATE UNIVERSITY

# 2023 FACULTY RESEARCH SYMPOSIUM

AN INTERDISCIPLINARY SHOWCASE  
OF RESEARCH AND CREATIVE  
SCHOLARSHIP AT  
JACKSONVILLE STATE UNIVERSITY

NOVEMBER 2  
MERRILL HALL



# SCHEDULE OF EVENTS

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**8:00-10:00 AM**

MORNING REFRESHMENTS  
BASEMENT CORRIDOR  
MERRILL HALL

**12:00-1:30 PM**


KEYNOTE SPEAKER  
LUNCHEON  
ROOM B01  
MERRILL HALL

**8:00-4:30 PM**

FACULTY PRESENTATIONS  
BASEMENT, 1ST, 2ND,  
& 3RD FLOOR  
MERRILL HALL

**5:00-6:00 PM**

AWARDS RECEPTION  
ATRIUM  
MERRILL HALL



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**EVENT MAP OF MERRILL HALL**

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2023 Faculty  
Research  
Symposium  
Keynote Luncheon

# Dr. Mark Sciuchetti

**November 2, 2022**

**12:00-1:30 PM**

**Room B01 Merrill Hall**



**Lunch will be served  
from 12:00-12:30 PM  
B01 Merrill Hall**

## **Developing Brand Awareness for Nonprofits: GIS as a tool for Community Engagement.**

This presentation delves into the use of GIS in experimental learning projects in Jacksonville, Alabama, emphasizing collaboration with geography, nonprofits, and community members. We will explore how nonprofits can enhance their community impact and raise brand awareness. The focus is on building a cooperative environment through GIS mapping and incorporating marketing strategies and organizational support. We conclude by suggesting ways nonprofits can use GIS to identify community needs, enhance engagement, and provide additional services.



**Learn more about Dr. Sciuchetti by  
scanning the QR code.**

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# LONG PRESENTATIONS

FORMAL PRESENTATIONS ABOUT A TOPIC OF A FACULTY MEMBER'S CHOOSING (THIS MAY INCLUDE A RESEARCH PAPER, PROJECT, SCHOLARSHIP, OR CURRENT WORK IN PROGRESS). INDIVIDUAL LONG PRESENTATIONS WILL LAST NO MORE THAN 25 MINUTES; PRESENTERS WILL BE GROUPED TWO TO A SESSION AND ASSIGNED TO ONE-HOUR TIME SLOTS TO ENCOURAGE AUDIENCE ATTENDANCE; THE REMAINING 10 MINUTES MAY BE USED FOR Q&A. LONG PRESENTATIONS WILL BE VIEWED AND JUDGED AS PART OF A COMPETITION FOR "BEST LONG PRESENTATION" FOR WHICH THE AWARDEE WILL RECEIVE A CONGRATULATORY CERTIFICATE.

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# LONG PRESENTATIONS

ROOM B02

8:00-8:50

## THE IMPACT OF UNCERTAINTY SHOCKS ON FIRM CREATION ACROSS US STATES

**Presenter:** *William Hankins, Associate Professor of Economics*

This paper provides novel empirical evidence on the effects of an aggregate uncertainty shock on firm creation across the US states. Using state-level firm data between 1979 and 2019, we find that on average a one standard deviation increase in a financial uncertainty shock is associated with a decline of 0.12 percentage points in the firm entry rate. Cross sectional regressions reveal that heterogeneity in industry composition is an important source of transmission for an aggregate uncertainty shock. In particular, an uncertainty shock is associated with larger declines in the firm entry rate in states with larger manufacturing and mining sectors.

ROOM B02

8:00-8:50

## TRANSITION OF A HYBRID COURSE-BASED UNDERGRADUATE RESEARCH EXPERIENCE (CURE): LESSONS FROM THE GENE-CURE

**Presenter:** *Ashley Turner, Assistant Professor of Biology*

We developed a semester-long course-based undergraduate research experience (CURE) in a hybrid (online/in-person) learning environment, the gene-editing and evolutionary nematode exploration (GENE) CURE or GENE-CURE. It transitioned from a hybrid synchronous at the height of the COVID-19 pandemic to an in-person course. Qualitative analysis of student self-reflections indicated several gains suggesting that all students found many aspects of the GENE-CURE rewarding and challenging.

# LONG PRESENTATIONS

ROOM B02

11:00-11:50

## **“DUEL” ENROLLMENT: THE BATTLE FOR COLLEGE ENGLISH**

***Presenter: Andrea Porter, Department Chair of English***

A look at how Dual Enrollment trends are affecting English departments on campus, as well as possible solutions.

ROOM B02

11:00-11:50

## **“‘THEN HE WALKED IN’: WIDOWHOOD IN THE POST-CIVIL WAR SOUTH”**

***Presenter: Jennifer Gross, Professor of History***

In an 1880 diary entry, Atlanta widow, Emily Bealer, recalled a conversation between herself and the local woodman that illuminates Confederate widows' precarious position: This afternoon I engaged a load of wood, and as the woodman was throwing it off, he ... asked how long I had been a widow. I told him about ten years. He replied, "Why, woman, why didn't you get a good steady man to help you take care of yr [sic] children and teach them to work before now on a farm?" ... After awhile he remarked, "If you don't pay for that wood I'll devil you to death. I am no man of family nor never had any." I told him I would pay. He said "I know it" and then walked in. After the war, there were tens of thousands of widowed women who were unable to avail themselves of the age-old solution to the widow problem, remarriage. When the woodman says, "If you don't pay for that wood I'll devil you to death," he revealed the position that Bealer occupied in the world without a provider. When Bealer told him she would pay and he responded "I know it" before walking into the house unbidden, he further illustrated her vulnerability without a male protector. My presentation will explore the struggles Confederate widows faced in a region transformed by war.

# LONG PRESENTATIONS

ROOM B02

2:00-2:50

## **BALANCING THE SCALE AND THE ACCURACY OF A RISK INDEX: AN ENHANCED AUTOMATIC RISK SCORE GENERATOR FOR HEALTH CONDITION PREDICTION**

***Presenter: Yajun Lu, Assistant Professor of Management & Marketing***

Machine learning models in healthcare often lack transparency, hindering physicians' ability to understand and interpret obtained results. While risk indices simplify risk estimation, current methods depend on subjective expert judgment for parameter selection. Our study introduces an approach that strikes a balance between prediction accuracy and the scale of risk scores, benefiting healthcare providers in risk assessment and resource allocation.

ROOM B02

3:00-3:50

## **PODCASTS RECLAIM LITERATURE BY WOMEN: A COMPARATIVE STUDY**

***Presenter: Joanne Gates, Professor Emerita, English***

I will be focusing on Podcasts which highlight my longtime academic specialty, literature by women. At least three podcasts on Individual writers, Emily Dickinson, Zelda Fitzgerald, and Elizabeth Robins receive attention. At least two podcast series that examine collections of women writers deserve acknowledgment. These are: Lost Ladies of Lit hosted by Amy Helmes and Kim Askew in Los Angeles and one sponsored by Women's Fiction Writers Association, the Debut Author Podcast hosted by Maggie Smith, "Hear Us Roar." I am interested in not only the content and how it is presented, but the ease of use and reach of this recent medium.

ROOM B02

3:00-3:50

## **WHAT CAN RATS TEACH US ABOUT RELAPSE? INSIGHTS INTO BEHAVIORAL TREATMENT AND SUBSTANCE ABUSE.**

***Presenter: Rusty Nall, Assistant Professor of Psychology***

Relapse is the recurrence of previously reduced behavior and has implications in psychological (behavioral) treatment and drug use. Much extant and currently developing knowledge in these areas is based on experiments involving animals (often rats). This talk will discuss the design, results, and implications of work in my lab designed to better understand and prevent relapse.



# LONG PRESENTATIONS

ROOM B18

8:00-8:50

## THE CONTESTED WEDDING OF PRINCESS ELIZABETH STUART

*Presenter: Gabriel Lonsberry, Assistant Professor of English*

The 1613 marriage of Princess Elizabeth Stuart to Frederick V, Elector Palatine of the Rhine was celebrated with fireworks, a mock sea-battle on the Thames, and several extravagant court masques. But the occasion was not a happy one. Indeed, this presentation will show how King James I and his recently deceased son, Prince Henry Frederick, appropriated the Princess's wedding to wage their own propaganda war.

ROOM B18

11:00-11:50

## COVID-19 IN LITERATURE

*Presenter: Raina Kostova, Professor of English*

This presentation will trace the early responses to the COVID-19 pandemic by internationally recognized writers and journalists by reviewing two collections of essays that were released in 2020, "And We Came Outside and Saw the Stars Again" and "Lockdown: Stories of Crime, Terror, and Hope During a Pandemic."

ROOM B18

11:00-11:50

## AN ETHICAL FRAMEWORK FOR THE USE AND NON-USE OF CHATGPT AND OTHER AI IN EDUCATIONAL CONTEXTS

*Presenter: J. Patrick McGrail, Professor of Communication*

Artificial Intelligence has burst forth in the last 18 months with astonishing speed onto the educational landscape. University educators have responded with stances that range from an absolute lack of acceptance to "embracing" of the technology. In this piece, we use the precepts of renowned ethicist W.D. Ross to analyze how and if ChatGPT and related technologies can be used in the classroom. We provide an ethical scaffolding and series of questions centered around justice and beneficence as well as the maxim to avoid harm to assist educators in their decision about whether to employ this controversial technology.

# LONG PRESENTATIONS

ROOM 110

10:00-10:50

## FORCED MIGRATION SCENARIO SIMULATION USING AGENT-BASED (ABM) MODELLING

**Presenter:** *Kazi Rahman, Assistant Professor of MCIS*

Developing ABM tool to address complex reasons for movements of people, particularly in context of mixed movements (e.g. economic factors, conflict, human rights violations/persecution/torture, environmental change, human trafficking etc.) in order to be better prepared for assisting and protecting displaced populations.

ROOM 110

10:00-10:50

## THE DO'S AND DON'T: THE AI TEACHING ASSISTANT YOU ALWAYS WANTED, BUT WERE AFRAID TO ASK FOR

**Presenter:** *Coco Huang, Associate Professor of Management & Marketing*

As we set out on this exploration into the realm of ChatGPT, we'll uncover its boundless information resources readily available for us. We'll also consider its applications in class preparation, the promotion of creative endeavors, assistance in proofreading assignments, and its potential for providing tutoring services. Throughout this journey, we will reflect on the ethical questions that surface, much like ripples in a serene pond, and observe how it is reshaping the digital educational landscape in this new era of teaching.

ROOM 110

3:00-3:50

## CONSIDERING THE CONTEXT: THE MESSAGES OF MUSICIAN-ACTIVISTS

**Presenter:** *Sarah Burns, Assistant Professor of Music Education*

For several hundred years music has been an effective way of delivering socially-conscious messages. Activist-musicians challenge oppressive ideologies, connect others, and honor shared/lived experiences. One aspect of research will be highlighted: the musical messages of seemingly mismatched artists engaged in an artistic practice, simultaneously working for social change, addressing issues of identity and experiences, and, in so doing, stressing the importance of placing one's own experience in the context of larger narratives.

# LONG PRESENTATIONS

ROOM 200

11:00-11:50

## **ENDING THE "PURITAN DREAD OF THE THEATRE": THE FORGOTTEN LEGACY OF HENRY ARTHUR JONES'S SAINTS AND SINNERS (1884)**

***Presenter: Marija Reiff, Assistant Professor of 19th-Century British Literature***

Though Henry Arthur Jones's 1884 melodrama *Saints and Sinners* is often forgotten today, its licensure, production, and publication played important roles in loosening nineteenth-century stage censorship laws and decreasing the audience's anti-theatrical prejudice. The mechanism through which it changed British theatre is unexpected: by portraying religious people fully and wrestling with matters of faith.

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# SHORT PRESENTATIONS

FORMAL PRESENTATIONS ABOUT A TOPIC OF A FACULTY MEMBER'S CHOOSING (THIS MAY INCLUDE A RESEARCH PAPER, PROJECT, SCHOLARSHIP, OR CURRENT WORK IN PROGRESS). INDIVIDUAL SHORT PRESENTATIONS WILL LAST NO MORE THAN 15 MINUTES; PRESENTERS WILL BE GROUPED THREE TO A SESSION AND ASSIGNED TO ONE-HOUR TIME SLOTS TO ENCOURAGE AUDIENCE ATTENDANCE; THE REMAINING 15 MINUTES MAY BE USED FOR Q&A. SHORT PRESENTATIONS WILL BE VIEWED AND JUDGED AS PART OF A COMPETITION FOR "BEST SHORT PRESENTATION" FOR WHICH THE AWARDEE WILL RECEIVE A CONGRATULATORY CERTIFICATE.

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# SHORT PRESENTATIONS

ROOM B01

8:00-8:50

## LOSING MY MARBLES: A SIMULATION OF POLITICAL IDEOLOGY & R-A-S

*Presenter: Benjamin Gross, Associate Professor of Political Science*

Engaged learning opportunities offer inclusive methods for students to understand complex topics. This article develops an in-class simulation of political ideology. The simulation introduces students to the Receive-Accept-Sample model developed by John Zaller (1992). Students receive one political question at a time. They then place a marble into their cup, which corresponds to the type of government involvement they accept on this question. After these questions, students sample a marble from their cup, which represents their ideology. Students perform this simulation along different ideological axes, with various sizes of marbles, and different cup heights. These variations provide an in-depth conversation about the R-A-S model, the formation of political ideology, and access to this identity. The simulation is studied in three different sections of Introduction to American government. In the fall of 2021, four surveys throughout the course determined that student understanding of political ideology improved. These analyses find students have a better understanding of ideology from a course with the simulation than from a course with a traditional lecture on the topic.

ROOM B01

8:00-8:50

## HOW TO STACK THE FLASHCARD DECK IN THE STUDENT'S FAVOR

*Presenter: C. Renee Renda, Assistant Professor of Psychology*

"Say All Fast Minute Everyday Shuffled" (SAFMEDS) is an empirically-supported flashcard technique consisting of specific and sequential steps. No study has compared the effects of different training methods (instructions only vs. behavioral skills training) on student implementation of the protocol. Instructions only were insufficient to teach the SAFMEDS protocol. In contrast, behavioral skills training resulted in near-perfect accuracy for all students. Implications of these findings and directions for future research will be discussed.

# SHORT PRESENTATIONS

ROOM B01

8:00-8:50

## REFORMING ATTORNEYS' FEES IN CONSUMER BANKRUPTCY: LESSONS FROM PROPOSED CHAPTER 10 BANKRUPTCY

**Presenter:** *Rob Landry, Distinguished Professor of Finance*

There is an access to justice issue to consumer bankruptcy relief that centers around an inability to pay debtors' attorneys' fees. Without the ability to pay for an attorney, the access the justice provided by consumer bankruptcy - the fresh start - is out of reach for many individuals. This article calls for targeted reforms to the payment and treatment of attorneys' fees in Chapter 7.

ROOM B01

11:00-11:50

## METHODS FOR MAPPING TROPICAL KARST LANDFORMS IN JAMAICA USING A DRONE

**Presenter:** *Sean Chenoweth, Associate Professor of Chemistry*

A visible light red, green, blue (RGB) uncrewed aerial system was used to map tropical karst landforms in Jamaica. Various flight settings were experimented with to create orthomosaics, DSM, DEM, 3D models, point clouds. Drones can be successfully used to map complex tropical karst landforms using a prosumer (RGB sensor) drone. Careful consideration of the physical environment is necessary for successful flights such as: height of emergent vegetation, wind, temperature, and humidity. Systematic grid patterns autonomously flown by the drone are used to produce: orthomosaics, digital surface models (DSM), digital elevation models (DEM). These geospatial products are used to analyze forest structure and landform morphometry.

ROOM B01

11:00-11:50

## EXPRESSING PRIME NUMBERS AS SUM OF TWO SQUARES

**Presenter:** *Jaedeok Kim, Professor of Mathematics*

Pierre de Fermat famously conjectured, and Euler proved that a  $1 \pmod{4}$  prime number (i.e. prime number with the remainder 1 when divided by 4) can be expressed uniquely as a sum of two perfect squares. For example,  $13=2^2+3^2$ . This talk will introduce a new algorithm of finding such pair of integers for any  $1 \pmod{4}$  prime numbers.

# SHORT PRESENTATIONS

ROOM B01

2:00-2:50

## FUNCTIONAL IMPLICATIONS OF CAUDAL VERTEBRAL FUSION IN MOSASAURS (PYTHONOMORPHA: MOSASAUROIDEA)

**Presenter: Michael Burns, Associate Professor of Biology**

Mosasaurs were large predatory marine squamates, with a hypocercal tail morphology rare for vertebrates. A high incidence of caudal vertebral fusion has been noted since the 1870s. Alabama is rich in Cretaceous marine fossils. Three were used for paleohistological analysis. Tissue evidence supports a hypothesis of normal bone development, and shares similarities with pygostyle development in modern birds.

ROOM B01

2:00-2:50

## CONSTRAINT SATISFACTION PROBLEMS (CSP) IN ARTIFICIAL INTELLIGENCE

**Presenter: Monica Trifas, Associate Professor of Computer Science; Ethan St John, Data Science STEM Scholar; Madelyn Repzynski, student**

A large number of problems in AI and other areas of computer science can be viewed as special cases of the constraint-satisfaction problem. Some examples are machine vision, belief maintenance, scheduling, temporal reasoning, graph problems, floor plan design, the planning of genetic experiments, and the satisfiability problem. A number of different approaches have been developed for solving these problems. Some of them use constraint propagation to simplify the original problem. Others use backtracking to directly search for possible solutions. Some are a combination of these two techniques. This presentation overviews many of these approaches in a tutorial fashion.

ROOM B01

2:00-2:50

## "A LUTE, THAT I VALUED ALMOST AS MY BEST FRIEND": OBJECT AGENCY IN ORMOND (1799)

**Presenter: Christopher Douglas, Associate Professor of English**

The ways in which objects interact with their environment and the ways that they invite humans to interact with them is a crucial part of material literacy. Examining the late-18th-century American novel *Ormond*; or, *the Secret Witness* (1799) by Charles Brockden Brown with this in mind, I wish to examine an item shared between several characters, and the keen knowledge of using it shared between the novel's main character, Constantia Dudley, and her gender-nonconforming partner, Martinette de Beauvais: the Dudley family's Italian lute. This prized lute, which features prominently in the first two volumes of the novel acts as another sort of witness, one whose material agency is shown not only as it is played by Constantia and Martinette, but also as it is exchanged between characters, bought, sold, and gifted several times.

# SHORT PRESENTATIONS

ROOM B01

3:00-3:50

## **DO ENTREPRENEURIAL COMPETENCIES IMPACT COMPETITIVE AGILITY AND ENTREPRENEURIAL SATISFACTION?**

***Presenter: Kihyun Kim, Associate Professor of Management & Marketing***

The central focus of this study is to analyze how IT competency impacts startups' performance, including opportunity competency and competitive agility in a hyper-competitive modern business environment. The study proposes a model based on a resource-based view and previous research, which takes into account IT competency, opportunity competency, agility competency, and entrepreneurial satisfaction.

ROOM B01

3:00-3:50

## **"SHE-WHO-MUST-NOT-BE-NAMED": HARRY POTTER FANS' IDENTITY AND BEHAVIOR CHANGE AMID THE AUTHOR'S TRANSPHOBIA**

***Presenter: Brianna Turgeon, Assistant Professor of Sociology; Leonela Martinez, Undergraduate Research Assistant in Sociology  
Ariel Vicars, Research Assistant***

In this work, we examine how Harry Potter fans negotiate their identities after the author of the book series wrote multiple transphobic posts on social media. We present findings from a survey asking fans and former fans about their fan identities and behavior before and after Rowling's transphobic public statements. Preliminary findings highlight that respondents adopt a variety of strategies to negotiate their identities, like decreasing participation, divesting from the franchise entirely, and fan activities to reclaim messages in Harry Potter.

ROOM B01

3:00-3:50

## **BETWEEN THE SHELVES, AMONG THE MARGINS: ATTITUDES OF ALABAMA PUBLIC LIBRARY WORKERS REGARDING CENSORSHIP AND INTELLECTUAL FREEDOM**

***Presenter: Laura Pitts, Assistant Professor of Library Services***

Most recently, public library workers all over the country find themselves on the front lines of dealing with comments and concerns related to the content, access, and cry for restriction of print materials. Library workers are faced with weighing their own professional and personal values among collection development in public libraries in order to uphold traditional values of access and freedom of information. This current work-in-progress examines the attitudes of Alabama public library workers regarding issues of intellectual freedom and censorship, how these concepts are understood and then applied in professional settings, and the value of professional development for all levels of library workers.



# SHORT PRESENTATIONS

ROOM B15

8:00-8:50

## EXPERIENTIAL LEARNING IN STUDENT LEADERSHIP: LIBRARY EDITION

***Presenter: Karlie Johnson, History, Geography, and Anthropology Librarian; Kim Westbrooks, Business and Social Sciences Librarian***

Information exchanges are an integral part of experiential learning. Academic libraries are natural environments where this takes place, through professionals offering space, facilitation, and information collections. Librarians actively facilitate, plan, organize, and lead these opportunities. Learn about examples of current student leadership development in your Library through community outreach, internships, and mentorship experiences.

ROOM B15

8:00-8:50

## LIBRARIAN ENGAGEMENT IN A TIME OF BOOK CHALLENGES

***Presenter: Wendy Stephens, Associate Professor of Career Technical Education and Professional Studies***

This study examines trends over the past four years around professional development related to events in conjunction with the American Library Association's October Banned Books Week (BBW) celebration. Data collected from the point of registration for a webinar series demonstrates the chilling effect that increasing materials challenges seem to be having on the beleaguered profession as they select, promote, and learn about diverse and controversial materials with increasingly community response

ROOM B15

2:00-2:50

## WHERE DOES OUR MORAL SENSE COME FROM AND HOW IS IT RELATED TO POLITICS AND RELIGION?

***Presenter: Heidi Dempsey, Professor of Psychology***

In the literature on morality, one of the dominant models, called Moral Foundations Theory, suggests most moral decisions are made in a split second based on intuitive responses that are written deep in our DNA and then shaped by our cultural upbringing (Haidt, 2001). People differ in the degree to which they value these differing foundations, which in turn affects things such as their political and religious views. To examine this, 279 JSU students completed questionnaires assessing their moral foundations, right-wing authoritarianism, religious fundamentalism, belief in a just world, religiosity, political conservatism, and who they voted for in the 2020 Presidential election.

# SHORT PRESENTATIONS

ROOM B15

2:00-2:50

## RESEARCH NOTE: A TYPOLOGY OF DEVIANCE

**Presenter: Tina Deshotels, Professor of Sociology**

Given the current tumultuous times we live in, where there is little agreement on definitions of reality, I argue, in this research note that current typologies of deviance and crime that rely on consensus as a criterion are outdated. I propose a new typology that has consensus as a goal rather than a criterion for defining deviance and crime.

ROOM B15

3:00-3:50

## MINDING THE GAP: PRELIMINARY FINDINGS FROM A STUDY ON DEATH DOULAS AND END-OF-LIFE CARE

**Presenter: Sarah Donley, Associate Professor of Sociology**

The existing healthcare and social support structures often fall short in adequately addressing the requirements of individuals nearing the end of their lives within our communities. Consequently, patients and their families are opting to rely on advocates or individuals who can bridge the care gaps. Birth Doulas have a longstanding history of assisting women during pregnancy and postpartum periods, and a new role is emerging in the field of end-of-life care, known as Death Doulas. However, to date, there is limited understanding of how Death Doulas operate within current end-of-life care frameworks or the role which Death Doulas fulfill. Utilizing qualitative interviews with 17 Death Doulas located and working in the United States, this research explores Death Doulas' experiences working with death and dying. More specifically, this preliminary research explores the role of Death Doulas in end-of-life care, barriers, and obstacles Death Doulas encounter, as well as Death Doulas' impact on end-of-life care and death care more generally.

ROOM B15

3:00-3:50

## ATHLETIC TRAINING AND RESPIRATORY THERAPY IPE SIMULATION EXPERIENCES

**Presenter: Chris Clark, Program Director for the MAT; Dr. Jennifer Savage Burgett, CEC for the MAT, Mrs. Andres Crawley, CEC for Respiratory Therapy, Mrs. Cindy Tubbs, Lab Coordinator for CHPW**

The short presentation will engage the audience regarding interprofessional education in the College of Health Professions and Wellness. Specifically, we will discuss our initiating and learning from simulation experiences with the athletic training program in the respiratory therapy program. We will discuss how we have collaborated together and learn from each other as we grow in taking care of patients. AT faculty, R.T., faculty and the CHPW lab team will be present to offer lessons learned and future plans with this unique simulation.

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# PANEL PRESENTATIONS

PANEL PRESENTATION TOPICS ARE TO BE SELECTED BY THE FACULTY MEMBER SUBMITTING THE PROPOSAL. IT IS UP TO THE SUBMITTING FACULTY MEMBER TO RECRUIT FELLOW PANEL MEMBERS TO THE PRESENTATION (UP TO 6 MEMBERS). PANEL TOPICS MAY BE ON THE FACULTY PANEL'S COLLECTIVE RESEARCH INTERESTS, SCHOLARSHIP, OR CREATIVE WORK (NOTE THAT PANEL MEMBERS ARE NOT REQUIRED TO HAVE COLLABORATED PREVIOUSLY ON RESEARCH). PANEL SESSIONS WILL RUN 50 MINUTES IN LENGTH, WHICH INCLUDES TIME FOR Q&A. ONLY ONE-PANEL SESSION WILL RUN PER 50-MINUTE ASSIGNED TIME SLOT. POSTER PRESENTATIONS WILL BE VIEWED AND JUDGED AS PART OF A COMPETITION FOR "BEST POSTER PRESENTATION" FOR WHICH THE AWARDEE WILL RECEIVE A CONGRATULATORY CERTIFICATE.

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# PANEL PRESENTATIONS

**ROOM B10**

**8:00-8:50**

## **BEING HUMAN IN THE AGE OF ARTIFICIAL INTELLIGENCE**

***Presenter: Monica Trifas, Associate Professor of Computer Science; Gaus Alam, Assistant Professor of Computer Information Systems***

How will artificial intelligence affect crime, war, justice, jobs, society, and our very sense of being human? The rise of AI has the potential to transform our future more than any other technology. How can we grow our prosperity through automation without leaving people lacking income or purpose? What career advice should we give today's kids? How can we make future AI systems more robust so that they do what we want without crashing, malfunctioning, or getting hacked? Should we fear an arms race in lethal autonomous weapons? Will machines eventually outsmart us at all tasks, replacing humans on the job market and perhaps altogether? Will AI help life flourish like never before or give us more power than we can handle?

**ROOM B10**

**9:00-9:50**

## **HOW TO MARKET YOUR ONLINE PROGRAMS**

***Presenter: Reginald Overton, Professor of Kinesiology***

Panel discussion on how to market your respective programs. Panel members will share their ideas and also gain input from session attendees.

**ROOM B10**

**10:00-10:50**

## **JSU'S EVIDENCE-BASED PLACEMENT PRACTICE THAT'S IMPROVING GRADUATION RATES**

***Presenter: Falynn Turley, Associate Professor of Finance, Economics, & Accounting; Courtney Peppers, Director of Learning Services & Analytics; Gina Glass, Coordinator, Bridge Program & Placement; Dr. Angie Smajstrla, NROC Enterprise Account Specialist***

In 2015, Jacksonville State University adopted EdReady as a learning-centered placement tool. Since then, we have helped thousands of underprepared students avoid traditional remediation, effectively reducing student-incurred costs and improving student retention. During this panel, JSU faculty will unveil new institutional research that demonstrates that a student's use of EdReady is a graduation indicator.

# PANEL PRESENTATIONS

ROOM B10

11:00-11:50

## **TO READ OR NOT: THE USE OF THE READ-ALoud TECHNIQUE WITH DEVELOPMENTAL WRITERS**

***Presenter: Khadeidra Billingsley, Assistant Professor of English; Writing Center Director; Drew Watson, Writing Center Lead Consultant; Amy Bennett, Writing Center Consultant; Andrew Koppelman, Writing Center Consultant***

On this panel, Dr. Billingsley and three of her Writing Center consultants will discuss a project that they collectively completed last year to examine the use of the read-aloud technique in individual Writing Center consultations between peer mentors and developmental student writers. They will outline the rationale, methodology, and findings of this study in which they intended to discover if there was a correlation between the presence of overt reading and error identification among student writers. This panel would be beneficial to all faculty who incorporate writing and reading into their courses.

ROOM B10

2:00-2:50

## **SHAKING THE TABLE: INTENTIONAL RE(VISION)ING OF FIRST-YEAR WRITING TO INCREASE ACCESS AND SUCCESS FOR STUDENT WRITERS**

***Presenter: Raina Kostova, Professor of English; Andrea Porter, Department Head; Khadeidra Billingsley, Assistant Professor and Writing Center Director; Jennie Vaughn, Assistant Professor; Mysti Nichols, Instructor***

In this roundtable, the discussants will present a case study of the intentional revisioning of their first-year writing program to enhance inclusivity, access, and success for student writers. The presenters will individually reflect on the initial results of the revision two years after its implementation including voices from students, instructors, and administrators.

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# CREATIVE/OTHER PRESENTATIONS

THIS YEAR, TIME HAS BEEN RESERVED FOR THOSE INTERESTED IN SUBMITTING PRESENTATIONS THAT DO NOT NEATLY FIT WITHIN OTHER CATEGORIES. PRESENTATIONS DEEMED "OTHER" INCLUDE CREATIVE PIECES, MUSICAL PIECES, DISPLAY PIECES, PERFORMANCE PIECES, ETC. OTHER PRESENTATIONS WILL RUN IN 30-MINUTE INCREMENTS DURING DESIGNATED TIME SLOTS AND WILL BE HELD IN THE ATRIUM OF MERRILL HALL. SET-UP TIME WILL BE FROM 10:00-10:50 AM FOR PRESENTATIONS TAKING PLACE BETWEEN 11:00-12:00 PM. SET UP TIME WILL BE FROM 12:10 TO 1:50 PM FOR PRESENTATIONS TAKING PLACE BETWEEN 2:00 AND 4:00 PM. OTHER PRESENTATIONS WILL BE VIEWED AND JUDGED AS PART OF A COMPETITION FOR "BEST CREATIVE PRESENTATION" FOR WHICH THE AWARDEE WILL RECEIVE A CONGRATULATORY CERTIFICATE.

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# CREATIVE/OTHER PRESENTATIONS

ATRIUM

3:00-3:25

## MAYBE LOVE IS WHAT HAPPENS PAGES LATER IN THE MAGAZINE: DECOUPÉ POETRY & PROCESS

*Presenter: Kimberly Southwick-Thompson*

Decoupé poetry, often called “the cut-up technique,” is a technique where lines from magazines are used to write poems. Rather than the words being the base unit of creation, by clipping lines out from old art magazines or recent issues of the New Yorker, amongst other periodicals, I create a new way to make meaning in a world where making meaning has remained increasingly difficult due to the onslaught of information we imbibe daily. I often decoupage these poems onto the cover of the magazine the lines are from or a collage I’ve made from the non-text features in the magazine. This presentation will include a reading of some of these works as well as a discussion of my process.

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# POSTER PRESENTATIONS

A VISUAL DISPLAY OF INDIVIDUAL FACULTY'S RESEARCH, SCHOLARSHIP, OR CREATIVE WORK. POSTERS WILL BE ON DISPLAY IN THE ATRIUM IN MERRILL HALL; THE OFFICIAL TIME FOR POSTER JUDGING WILL BE FROM 9:00 AM TO 10:00 AM. DURING POSTER SESSION JUDGING, POSTERS WILL BE VIEWED, AND FACULTY WILL BE AVAILABLE TO ANSWER QUESTIONS AND ELABORATE ON THEIR WORK. POSTER PRESENTATIONS WILL BE VIEWED AND JUDGED AS PART OF A COMPETITION FOR "BEST POSTER PRESENTATION" FOR WHICH THE AWARDEE WILL RECEIVE A CONGRATULATORY CERTIFICATE. WE ENCOURAGE FACULTY TO LEAVE POSTERS UP AND VIEWABLE FOR THE REMAINDER OF THE FACULTY RESEARCH SYMPOSIUM EVENT FOR ALL ATTENDEES TO ENJOY.

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# POSTER PRESENTATIONS

**ATRIUM**

**10:00-11:00**

## **LIVING TOO CLOSE TO WORK: THE CURVILINEAR SPILLOVER EFFECT OF COMMUTE TIME ON JOB SATISFACTION**

***Presenter: Xiang Yi, Professor of Management and Marketing***

Extant literature has established the negative relationship between commute time and job satisfaction. The longer the commute, the lower the job satisfaction. However, is it desirable to live close to work and have minimal commute time? The results of our research indicated something interesting.

**ATRIUM**

**10:00-11:00**

## **EVERYTHING OLD IS NEW AGAIN: DISHABITUATION AND VISUAL PERCEPTION**

***Presenter: Sally Zengaro, Associate Professor of Psychology; Franco Zengaro Associate Professor of Kinesiology***

The purpose of this study was to investigate the use of stroboscopic glasses to enhance sports performance among student-athletes at a regional university in the southern United States. Thirty student athletes began the study, with participants completing a pre-test and post-test of sports skills related to their sport. For the intervention, participants wore stroboscopic glasses three to four times a week in their practice drills for five minutes each practice. After four weeks, the researchers conducted a post-test, repeating the same initial sports drills without stroboscopic glasses. The results showed a significant increase in accuracy in sports skills.

# POSTER PRESENTATIONS

**ATRIUM**

**10:00-11:00**

## **INTERPROFESSIONAL COLLABORATION BETWEEN CERTIFIED ATHLETIC TRAINERS AND CERTIFIED STRENGTH AND CONDITIONING SPECIALISTS: ATHLETIC TRAINERS PERSPECTIVE**

***Presenter: David Kean***

***Assistant Professor in the Masters of Athletic Training Program***

An online Qualtrics survey link will be emailed to certified athletic trainers to explore perceptions of interprofessional collaboration between Certified Athletic Trainers and Certified Strength and Conditioning Specialists. The specific research questions are 1) How prevalent are collaborations between Certified Athletic Trainers and Certified Strength and Conditioning Specialists 2) The collaborations occur in what type of settings 3) How do the professionals view each other.

**ATRIUM**

**10:00-11:00**

## **AMPLIFYING LEARNING THROUGH POST-EXAM REVIEW: A CASE STUDY ON COLLABORATIVE CODING ASSESSMENTS**

***Presenter: Arup Ghosh***

***Assistant Professor of Computer Science***

In this study, I delve into the 'learning from mistakes' activity as part of a post-exam review process. Within this approach, solely code snippet writing question submissions are initially extracted and anonymized using a web application developed in my lab ([htirlab.github.io](http://htirlab.github.io)), which leverages the capabilities of Node.js, a robust open-source JavaScript runtime environment, along with the Canvas LMS API. These submissions are then assessed in class using a majority voting mechanism. Students are tasked with documenting errors from each submission as part of a lab exercise. To assess the effectiveness of this method, I conducted an anonymous survey involving 95 students enrolled in my CS 230, CS 231, and CS 232 courses. Students expressed a preference for this approach over the traditional grading process, wherein professors assess submissions themselves. They highlighted the substantial positive influence of the activity on their comprehension of programming concepts, particularly when compared to classes that don't incorporate this approach. Furthermore, a similar positive impact on understanding common mistakes made by peers was also evident.



# **AWARDS RECEPTION**

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**BEGINS PROMPTLY AT  
5:00 PM  
REFRESHMENTS  
WILL BE SERVED**

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**WELCOME AND THANKS  
MICA MECHAM**

**SPECIAL ANNOUNCEMENT  
DEAN BRENT CUNNINGHAM**

**PRESENTATION OF  
AWARDS  
FRS COMMITTEE MEMBERS**

**CLOSING REMARKS**

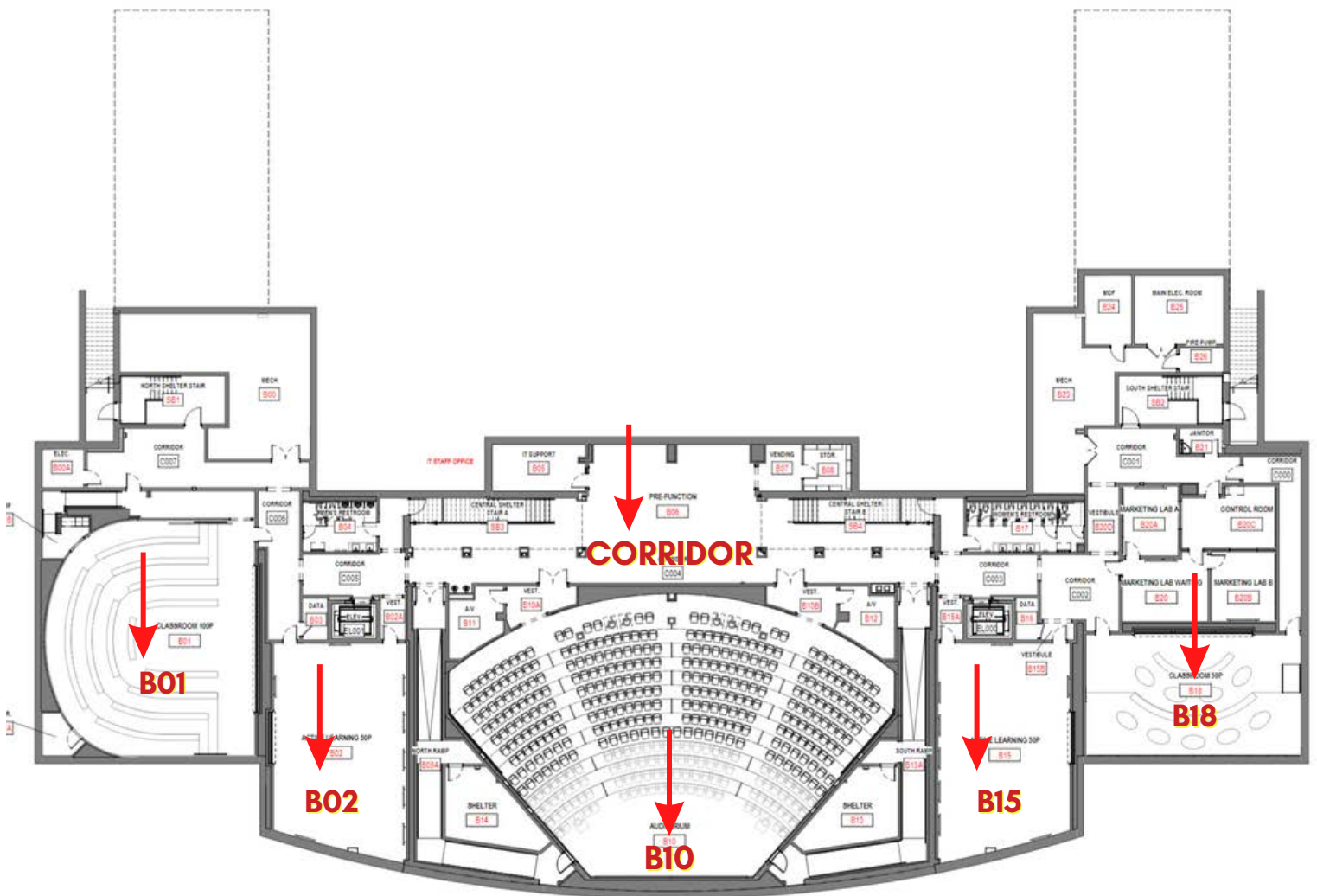
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# EVENT MAP OF MERRILL HALL

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# BASEMENT MERRILL HALL ROOMS B01, B02, B10, B15



**BASEMENT CORRIDOR:** MORNING REFRESHMENTS AND LUNCHEON SET UP

**B01:** KEYNOTE LUNCHEON AND SHORT PRESENTATION SPACE

**B02:** LONG PRESENTATION SPACE

**B10:** PANEL PRESENTATION SPACE

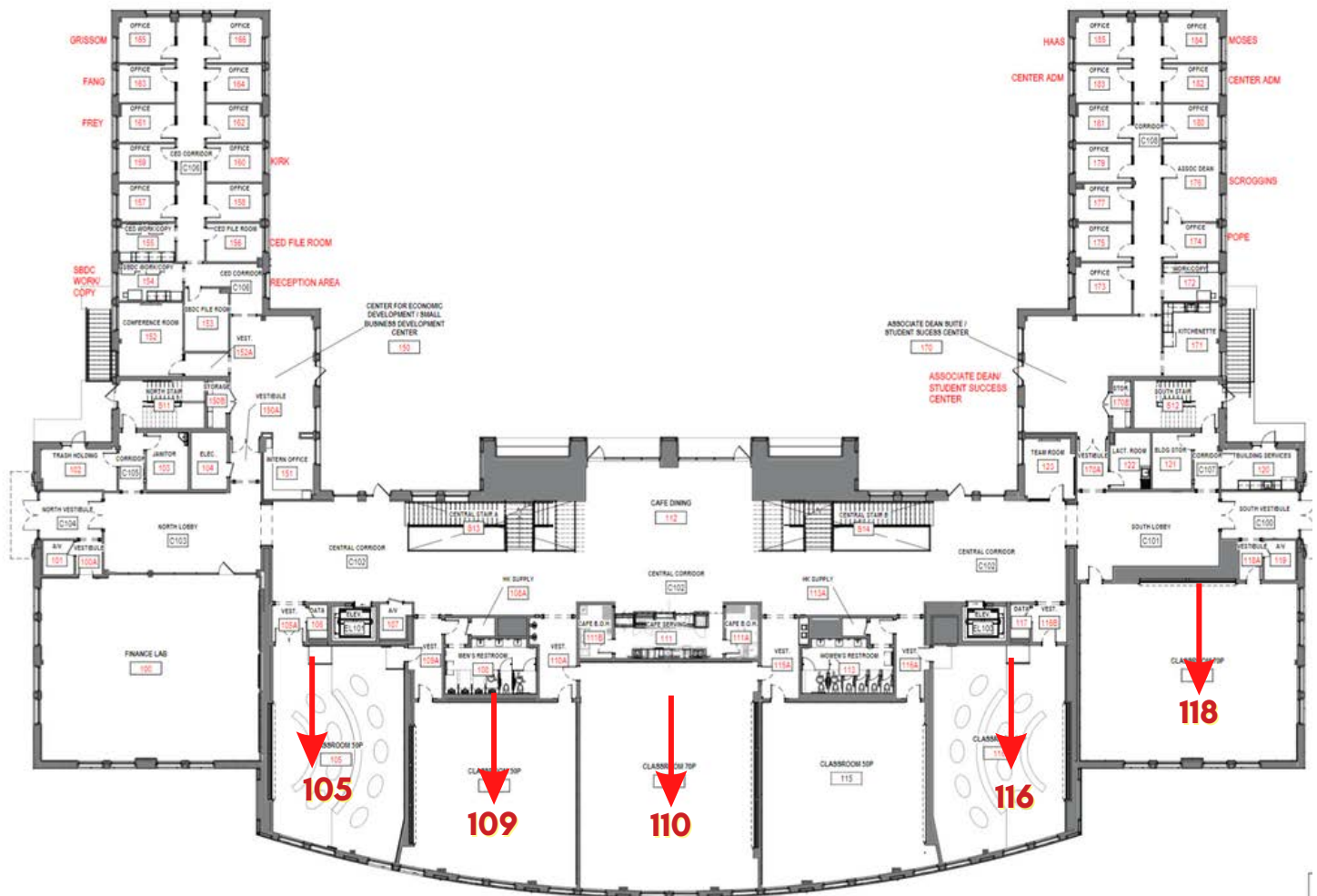
**B15:** SHORT PRESENTATION SPACE

**B18:** LONG PRESENTATION SPACE

# FIRST FLOOR

## MERRILL HALL

### ROOMS 105, 110, 115, 116, 118,



**105:** SHORT PRESENTATION SPACE

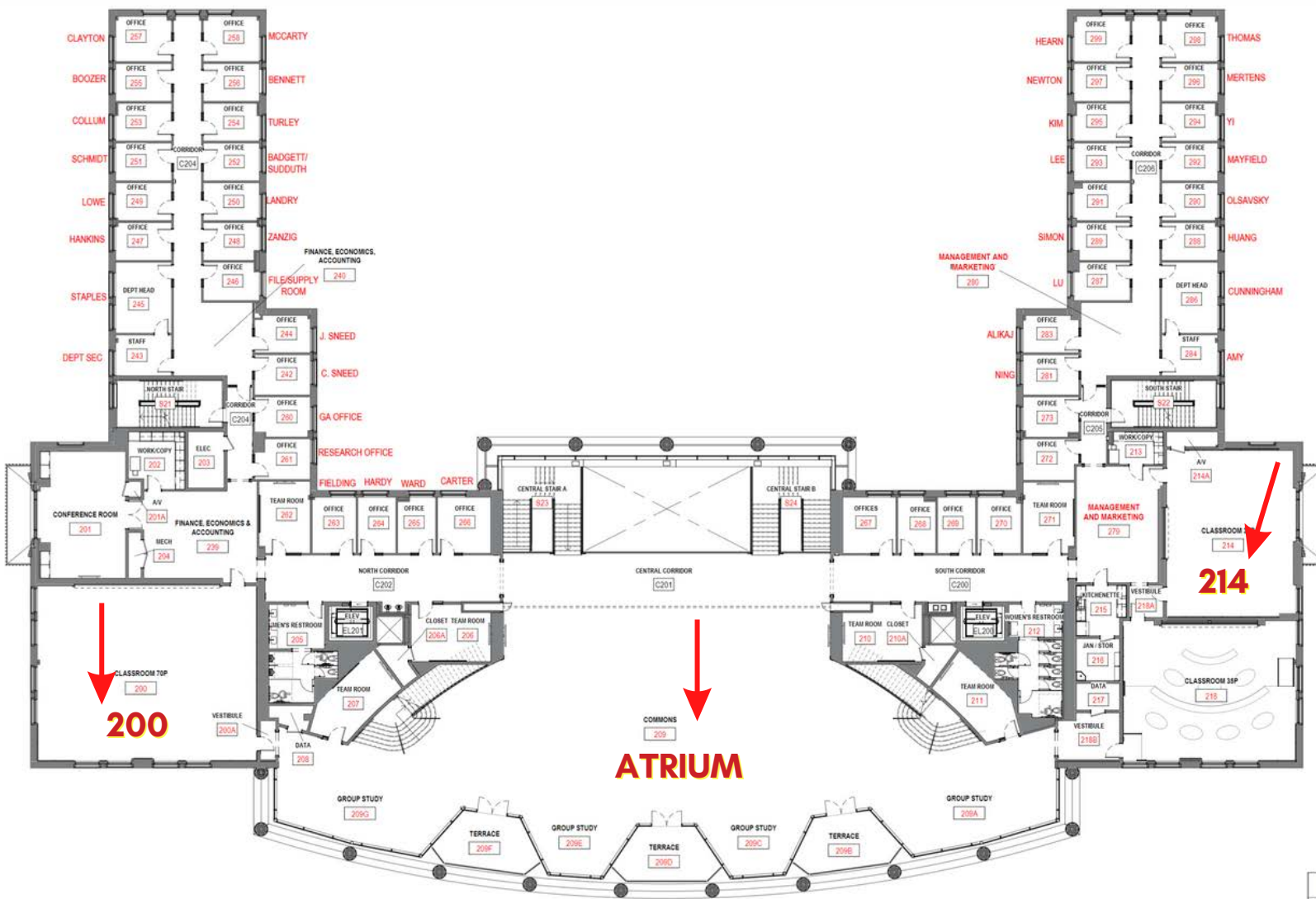
**109:** SHORT PRESENTATION SPACE

**110:** LONG PRESENTATION SPACE

**116:** LONG PRESENTATION SPACE

**118:** LONG PRESENTATION SPACE

# SECOND FLOOR MERRILL HALL ROOMS 200, 218, ATRIUM

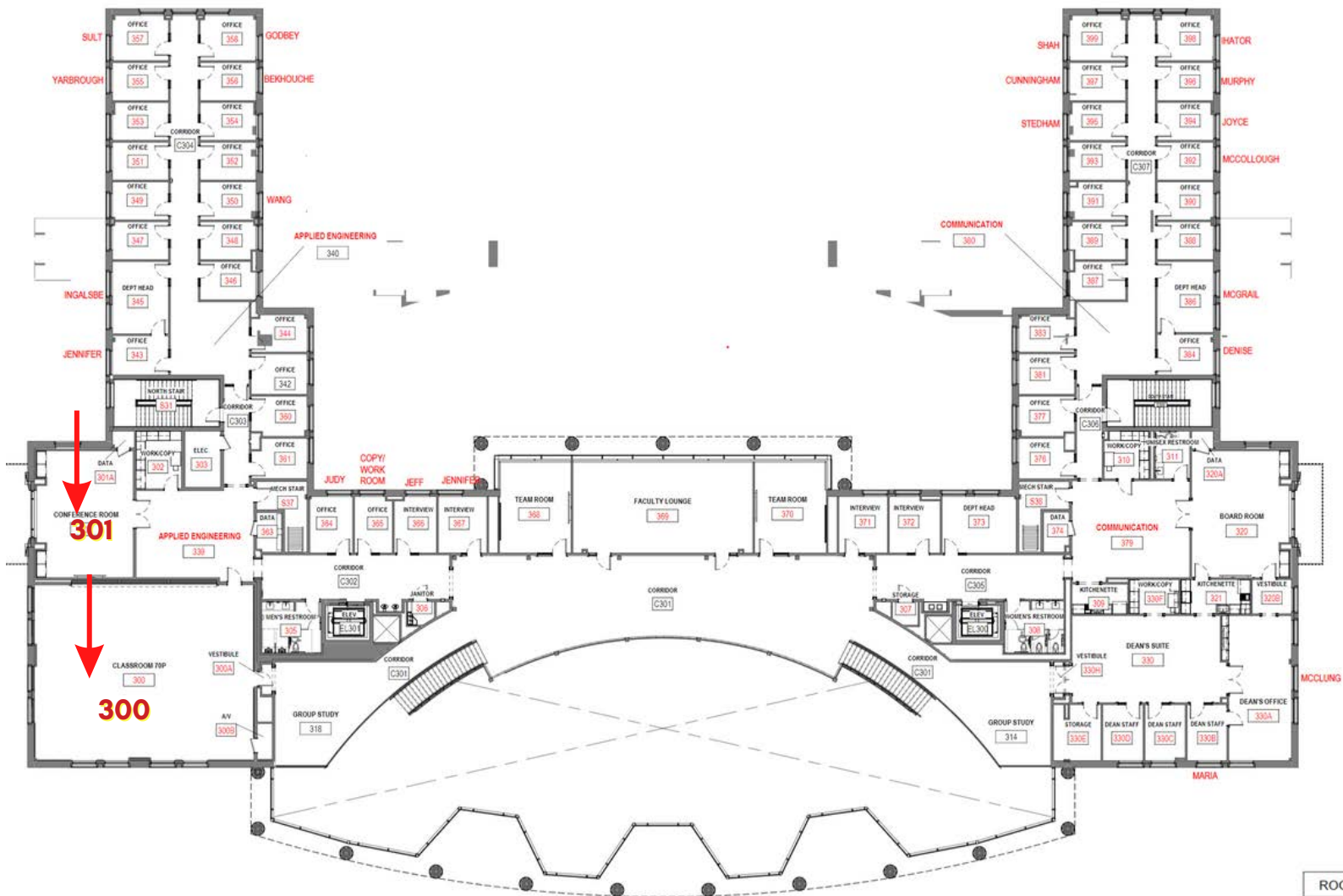


**200:** LONG PRESENTATION SPACE

**214:** LONG PRESENTATION SPACE

**ATRIUM:** POSTER PRESENTATIONS; CREATIVE/OTHER PRESENTATION AWARDS RECEPTION AT 5:00 PM

# THIRD FLOOR MERRILL HALL FACULTY LOUNGE



**301 CONFERENCE ROOM:** FACULTY RESEARCH SYMPOSIUM JUDGING SPACE AND COMMITTEE ROOM

**300:** SHORT PRESENTATIONS





**FACULTY COMMONS**  
JACKSONVILLE STATE UNIVERSITY

# THANK YOU FOR YOUR PARTICIPATION

**INAUGURAL FACULTY RESEARCH SYMPOSIUM  
AN INTERDISCIPLINARY SHOWCASE  
OF RESEARCH AND CREATIVE SCHOLARSHIP AT  
JACKSONVILLE STATE UNIVERSITY**

**SPONSORED BY FACULTY COMMONS  
DIRECTOR, MICA MECHAM  
TRAINING AND EVENTS COORDINATOR, BRANDY ROBERTS**

# SPECIAL THANKS TO THE 2023 FACULTY RESEARCH SYMPOSIUM COMMITTEE



**Mica Mecham**  
Event Organizer and Facilitator  
Director of Faculty Commons



**Dr. Brianna Turgeon**  
Committee Chair  
Department of Sociology



**Dr. Sean Chenoweth**  
Department of Chemistry and  
Geosciences



**Dr. Chris Clark**  
Department of Kinesiology



**Dr. Gina Mabrey**  
Department of Kinesiology



**Dr. Jenna Ridlen**  
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