

THE OHIO STATE UNIVERSITY
COLLEGE OF EDUCATION AND HUMAN ECOLOGY



2016

EHE
STUDENT
RESEARCH
FORUM

2 | 2016 EHE STUDENT RESEARCH FORUM

UPCOMING EHE OFFICE OF RESEARCH WORKSHOPS

Save the Dates

3/9/16 2-3:30pm College Commons	EHE Centers Expo: Partnerships, Projects, Programs 260 Ramseyer Hall
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4/6/16 1-2:30pm College Commons	Data Security and Compliance 260 Ramseyer Hall
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ABOUT THE EHE OFFICE OF RESEARCH

From start to finish, the Office of Research works closely with faculty, staff, students and administration in The College of Education and Human Ecology to secure funds and provide post-award support for researchers.

In addition to pre-award and post-award services, office staff administer programs for faculty and graduate students that include dissertation fellowships, travel support and seed grants. We provide training opportunities throughout the year related to proposal development and grant administration as well.

RICHARD LOMAX, lomax.24@osu.edu
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Director

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REBECCA CHACKO, chacko.9@osu.edu
Administrative Coordinator

For information about all our services and contact information, please go to ehe.osu.edu/research.

WELCOME TO THE 2016 EHE STUDENT RESEARCH FORUM FRIDAY, FEBRUARY 12, 2016 OHIO UNION

This annual event, sponsored by the EHE Office of Research, highlights the research of our graduate and undergraduate students. We have over 100 student presentations, both oral and poster, describing completed, in-progress, and proposed studies as well as literature reviews. The oral presentations are grouped so that similar topics are clustered. The posters will be available for viewing all day in the Cartoon Room, with half of the posters “manned” during Session 2 and the other half during Session 3. A quick guide, found on pages 8/9, provides an overview of the presenters and when and where they will be presenting their research. Short abstracts of the presentations are found in the following section. Floor plans can be found in the back of this booklet.

We appreciate feedback on the day’s events – please go to go.osu.edu/2016forumfeedback and let us know how we can make next year’s event even better. You are also welcome to contact me directly with any additional ideas you would like to share.

Hope you enjoy today’s events and thanks so much for attending!

Dr. Kimberly Lightle
Director, EHE Office of Research
lightle.16@osu.edu

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SCHEDULE OF EVENTS

EVENT	TIME	LOCATION**
Registration and Check-In	7:45-8:30am	Cartoon Room Hallway
Poster Drop Off	7:45-8:30am	Cartoon Room
Session 1: Oral Presentations	8:30-10am	Breakout Rooms
Session 2: Oral Presentations	10:15-11:45am	Breakout Rooms
Session 1: Posters	10:15-11:45am	Cartoon Room
Lunch and Keynote Speaker	11:45am-1pm	Great Hall Meeting Room
Session 3: Oral Presentations	1:15-2:45pm	Breakout Rooms
Session 2: Posters	1:15-2:45pm	Cartoon Room
Poster Take-Down	2:45-3:00pm	Cartoon Room

**All rooms are on the 3rd floor of the Ohio Union except the Great Hall Meeting room which is on the 1st floor. Maps of the facility are found on pages at the end of this program.

2016 EHE FORUM PLANNING COMMITTEE

POSTERS AND PRESENTATIONS COMMITTEE

Gleides Lopes-Rizzi, Committee Chair

John Schaefer, Committee Co-Chair

Susan Mauck, Committee Mentor

Natalie Andzik

Yahyahan Aras

Sidra Ayoub

Nivedita Bhaktha

Anna Brady

Rachel Brown

Nicole Brown

Mengyi Chen

Sheng-Lun Cheng

Carrie Davenport

Maretha Dellarosa

Scott Dueker

Nathan Hawk

Amy Heider

Yeoun Kim

Amy Kulesza

Jennifer Lando

Stephanie Lemut

Ian Li

Sarah Lightner

Meng-Ting Lo

Can Lu

Erin McClure

Alana Oif

Edward Page

EJ Park

Shayne Piasta

Marcos Rivera

Erin Roby

Rachel Seaman

Marnie Shapiro

Elle Smith

Emma Tiba

Joni Tornwall

Shiao-Chen Tsai

Tracy Walterbusch

Lauren Wargelin

Kai Zhao

Ziwei Xu

VOLUNTEER COMMITTEE

Rachel Brown, Committee Chair

Shaio-Chen Tsai, Committee Co-Chair

Tanja Burkhard

Jiaying Cheng

Kristin Farley

Leah Frazee

Micah Gerhardt

Jiaqi He

Yeoeun Kim

Can Lu

Kimberly Murphy

Hanna Paulose

Krista Predragovich

Erin Roby

Xiangquan Yao

RAFFLE AND ATTENDANCE COMMITTEE

Natalie Andzik, Committee Chair

Meng-Ting Lo, Committee Co-Chair

Rachel Brown

Shaio-Chen Tsai

Additional thanks to the Quantitative Research, Evaluation, and Measurement (QREM) Student Organization and all our student volunteers.

2016 RESEARCH FORUM SPONSORS AND EXHIBITORS

2016 FORUM SPONSOR

QUANTITATIVE RESEARCH, EVALUATION, AND MEASUREMENT
(QREM) STUDENT ORGANIZATION

Amy Kulesza, Primary Leader. kulesza.5@osu.edu
qrem.org.ohio-state.edu

2016 EXHIBITORS

CAREER COUNSELING AND SUPPORT SERVICES

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QUANTITATIVE RESEARCH, EVALUATION, AND MEASUREMENT
(QREM) STUDENT ORGANIZATION

Amy Kulesza, Primary Leader. kulesza.5@osu.edu
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THE UNDERGRADUATE RESEARCH OFFICE

undergraduateresearch.osu.edu

ORAL PRESENTATIONS

	SESSION I 8:30AM - 10:00AM	SESSION II 10:15AM - 11:45AM	SESSION III 1:15PM - 2:45PM
BARBIE TOOTLE	Sheng-Lun Cheng & Sheng-Bo Chen Krista Predragovich & Lisa Longo Xi Zhan	Tiffany Halsell Natalie Andzik Rachel Seaman Ziwei Xu & Marnie Shapiro	Micah Gerhardt Seulki Ku Meng Wang
SUZANNE M. SCHARER	Taylor Banh Brad Cotten Ruri Famelia Emi Tsuda & Ruri Famelia	Tanja Burkhard David Bwire Brooke Harris Garad Jung Sook Kim	Hafniliana Karen Koehler Willy Prasetya Tara Strang
HAYES CAPE	Leah Frazee Dinglei Huang & Heather Kellert Xiangquan Yao & Ali Fleming Qiong Wu	Hyun Jung Joo Eunjeong Park Shiao-Chen Tsai	Jee-Ahe Ahn Vanja Bogicevic Eun-Sol Her
ROSA M. AILABOUNI	Morris Council & Alana Oif Trevion Henderson Meng-Ting Lo Christopher Travers	Megan Ferriby Catherine Holloway Devin Laurent & Timothy Shaub	Kenneth White Kyle Bartholomew Rachel Brown Sara Mernitz
TANYA R. RUTNER	Marissa Green Yeoeun Kim Kari Taylor Menglin Xu	Deborah Lan Can Lu Congrong Ouyang Vinta Tiarani & Trudy Giasi	Jin-kyung Lee Anna Olsavsky Theresa Settle Julia Yan

POSTER PRESENTATIONS

CARTOON ROOM

Each student presenter has been assigned a number to indicate their poster grid location.

SESSION II

10:15AM - 11:45AM

- (1) Austin Angelotti
- (3) Vanja Bogicevic
- (5) Jiaxing Cheng
- (7) Sugene Cho
- (9) Michael Fraina
- (11) Miranda Gerace
- (13) Chad Gerber
- (15) Leiah Groom
- (17) Eun-Sol Her
- (19) Gui Jeong Kim
- (21) Yiting Lan
- (23) Ian Li
- (25) Gleides Lopes-Rizzi
& Celine Lopes
- (27) Melinda Matuch
- (29) Kimberly Murphy
- (31) Hanna Paulose
- (33) Diana Purwaningrum
- (35) Deena Snoke
- (37) Andria Stammen
- (39) Samantha Stewart
- (41) Gloria Yeomans-Maldonado
- (43) Kai Zhao

SESSION III

1:15PM - 2:45PM

- (2) Erni Adelina
- (4) Kristen Arnold
- (6) Ana Brown
- (8) Cheuk Hee Cheung
- (10) Jennifer Cotto
- (12) Maretha Dellarosa
- (14) Scott Dueker
- (16) Kristin Farley
- (18) Jiaqi He
- (20) Laura Hopkins
- (22) Stephanie Lemut
- (24) Lakeesha Leonard
- (26) Gleides Lopes-Rizzi
& Celine Lopes
- (28) Can Lu
- (30) E. Justin Page
- (32) Firman Parlindungan
- (34) Victor Pool
- (36) Erin Roby
- (38) Rachel Seaman
- (40) Christopher Torres
- (42) Tingting Zhang
- (44) Olivia Zimmer

2016 KEYNOTE



SHAYNE PIASTA

ASSISTANT PROFESSOR/
FACULTY ASSOCIATE

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Dr. Piasta is an assistant professor in the College of Education and Human Ecology Department of Teaching and Learning and a faculty associate at the Crane Center for Early Childhood Research and Policy. She received her Ph.D. in developmental psychology from Florida State University in 2008.

Dr. Piasta's research primarily focuses on early literacy development and how such development is best supported during the preschool and elementary years. Her work emphasizes the use of rigorous empirical methods to identify and evaluate educational programs and practices and has been funded by the Institute of Education Sciences and the National Institutes of Health.

Dr. Piasta has received the Outstanding Pre-Doctoral Fellow Award from the Institute of Education Sciences and the Dina Feitelson Research Award from the International Reading Association. She has served on advisory boards for the Ohio Department of Education, on editorial boards for *The Elementary School Journal*, *Reading Research Quarterly*, and *Annals of Dyslexia*, and on various review panels related to her professional work.

Dr. Piasta will share her insights about starting a successful academic research career.

SPECIAL THANKS

TO OUR 2016 FORUM DONORS

The EHE Office of Research, along with the 2016 EHE Student Research Forum Student Planning Committee, would like to thank the following donors for their support of this year's forum. The following donors generously provided items for this year's raffle and door prizes.



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Orchestra
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ORAL PRESENTATIONS
SESSION I: 8:30AM – 10:00AM
ROOM: BARBIE TOOTLE

SHENG-LUN CHENG & SHENG-BO CHEN

CHENG.850@OSU.EDU, CHEN.4880@OSU.EDU

EDUCATIONAL STUDIES, EDUCATIONAL TECHNOLOGY

KUI XIE, ADVISOR

**THE EFFECT OF MOTIVATION ON TPACK IN TECHNOLOGY
PROFESSIONAL DEVELOPMENT**

The purpose of this paper is to examine the effect of motivation on technological pedagogical content knowledge (TPACK) in a technology professional development (TPD) program. Participants' perceived ability to evaluate digital content evaluation was found to be the most significant predictor of TPACK among other motivation predictors.

KRISTA PREDRAGOVICH & LISA LONGO

PREDRAGOVICH.1@OSU.EDU, LONGO.62@OSU.EDU

EDUCATIONAL STUDIES, COUNSELOR EDUCATION

DARCY GRANELLO & PAUL GRANELLO, ADVISORS

**USING CREATED METAPHOR TO ENHANCE COUNSELOR
TRAINEE SELF-EFFICACY**

Preliminary findings from a continuing study with clinical mental health counseling students, investigating the effects of a creative supervision group during their internship year will be shared. We will discuss the impact of using metaphor and experiential activities, as well as the pedagogical implications.

XI ZHAN

ZHAN.34@OSU.EDU

EDUCATIONAL STUDIES, EDUCATIONAL ADMINISTRATION

ANIKA ANTHONY, ADVISOR

**CROSSING THE BOUNDARY BETWEEN INSTRUCTIONAL AND
TRANSFORMATIONAL SCHOOL LEADERSHIP**

Along the development of instructional and transformational leadership, the overlaps between the two conceptualizations expand in terms of the school's needs and school leaders' practices, indicating a fluid relationship between the developing school leadership theories and the significance of an integration framework of school leadership.

ORAL PRESENTATIONS

SESSION I: 8:30AM – 10:00AM

ROOM: SUZANNE M. SCHARER

TAYLOR BANH

BANH.4@OSU.EDU

HUMAN SCIENCES, HUMAN NUTRITION
MARTHA BELURY, ADVISOR

DOES OVEREXPRESSION OF ADIPONECTIN PREVENT MUSCLE WASTING IN MICE WITH CANCER CACHEXIA?

Cancer-induced cachexia results in uncontrolled weight loss and is responsible for one-third of all cancer-related deaths. Fat secretes a protein, adiponectin, that I hypothesize protects against muscle loss during cancer cachexia. The purpose of my study is to determine if overexpression of adiponectin can prevent muscle wasting in this disease.

BRAD COTTEN

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HUMAN SCIENCES, HUMAN NUTRITION
MARTHA BELURY, ADVISOR

WHAT IS THE IMPACT OF FLAVONOIDS ON ACCUMULATION AND METABOLISM IN SKELETAL MUSCLE?

Skeletal muscle mass and function decrease with aging. The onset of muscle loss can be hastened by metabolic alteration resulting from diet and diseases. My research project will evaluate the flavonoids, naringenin and 8-prenylnaringenin, to maintain muscle in a muscle-wasting mouse model.

RURI FAMELIA

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HUMAN SCIENCES, KINESIOLOGY

JACQUELINE GOODWAY, ADVISOR

PHYSICAL ACTIVITY OF INDONESIAN CHILDREN ATTENDING PRESCHOOL

Preliminary findings of a study that describes the nature of physical activity, motor competence, and perceived motor competence of Indonesian preschoolers in urban and rural areas in Padang, West Sumatera, Indonesia will be shared.

EMI TSUDA & RURI FAMELIA

TSUDA.6@OSU.EDU, FAMELIA.1@OSU.EDU

HUMAN SCIENCES, KINESIOLOGY

JACQUELINE GOODWAY, ADVISOR

THE RELATIONSHIP BETWEEN MOTOR COMPETENCE, PERCEIVED MOTOR COMPETENCE, AND PHYSICAL ACTIVITY ON THE PRESCHOOL PLAYGROUND

Recent research shows that levels of physical activity (PA) are low in child care centers and when given the opportunity to be physically active many children chose to be inactive. This study examined the relationship between motor competence, perceived motor competence, and PA during free play on the playground among preschoolers.

ORAL PRESENTATIONS

SESSION I: 8:30AM – 10:00AM

ROOM: HAYES CAPE

LEAH FRAZEE

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TEACHING AND LEARNING, STEM

MICHAEL BATTISTA, ADVISOR

ANALYTIC AND SPATIAL-VISUALIZATION STRATEGIES FOR GEOMETRIC TRANSFORMATIONS: A COMPARISON OF CASE STUDIES

Current research indicates that both students' visualization abilities as well as the use of property-based analytic reasoning are critical in geometric problem solving. This study examines the different visualization and analytic strategies that students develop when learning about rotations in a special dynamic geometry environment.

DINGLEI HUANG & HEATHER KELLERT

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TEACHING AND LEARNING, STEM

AZITA MANOUCHEHRI & PATTI BROSNAN, ADVISORS

MATHEMATICS CLASSROOM INTERACTIONS IN THE VIRTUAL SYNCHRONOUS ENVIRONMENT

We compared classroom interactions during two episodes in a 7th grade virtual mathematics class. Both episodes were drawn from virtual live lessons utilizing different lesson layouts. We investigated how mathematical knowledge was negotiated in both episodes.

XIANGQUAN YAO & ALI FLEMING

YAO.298@OSU.EDU, FLEMING.72@OSU.EDU

TEACHING AND LEARNING, STEM

AZITA MANOUCHEHRI & PATTI BROSNAN, ADVISORS

BUILDING SECONDARY PRESERVICE TEACHERS' MATHEMATICAL CONTENT AND PEDAGOGICAL CAPACITIES THROUGH A CONTENT-FOCUSED METHODS COURSE

Content-focused methods course has been proposed as a viable approach to tightly intertwine mathematics content and pedagogy. We will report on a content-focused methods course on geometry that we designed and implemented at our institution and pre-service teachers' assessment of the learning experiences provided for them in the course.

QIONG WU

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HUMAN SCIENCES,

HUMAN DEVELOPMENT AND FAMILY SCIENCE

XIN FENG, ADVISOR

MOTHER'S DEPRESSIVE SYMPTOMS AND THEIR RESPONSE TO CHILDREN'S EMOTIONS: MODERATED BY CHILD NEGATIVE EMOTION EXPRESSIONS

This study investigated how mothers' depressive symptoms reduced their sensitivity and responses to children's emotions given different types of child negative emotionality. Findings of this study indicated that depressed mothers show reduced sensitivity to child negative expressions. This study enhances our understanding of maternal depression.

ORAL PRESENTATIONS

SESSION I: 8:30AM – 10:00AM

ROOM: ROSA M. AILABOUNI

MORRIS COUNCIL & ALANA OIF

COUNCIL.14@OSU.EDU, OIF.3@OSU.EDU

EDUCATIONAL STUDIES, SPECIAL EDUCATION
RALPH GARDNER & MORIA KONRAD, ADVISORS

EARLY INTERVENTION: DESCRIPTIVE STUDIES OF A CULTURALLY RESPONSIVE READING FLUENCY INTERVENTION FOR PRIMARY STUDENTS SHOWING READING AND BEHAVIOR RISK

This study looks at the effects of a repeated reading computer-based intervention that employs culturally relevant practice passages on the reading and social behavior of primary-aged African American students who show both academic and behavioral risk. Single-subject designs are used to measure the effects for both academic and social behavior.

TREVION HENDERSON

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EDUCATIONAL STUDIES,
HIGHER EDUCATION AND STUDENT AFFAIRS
TERRELL STRAYHORN, ADVISOR

STEM STUDENTS FROM RURAL OHIO: AN ACADEMIC PROFILE

Educational researchers have frequently investigated the role of urbanicity in mediating educational outcomes such as (a) aspirations, (b) persistence and retention, and (c) academic performance. This study investigates the educational outcomes of students in science, technology, engineering, and mathematics (STEM) majors from rural backgrounds.

MENG-TING LO

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EDUCATIONAL STUDIES,
QUANTITATIVE RESEARCH, EVALUATION, AND
MEASUREMENT (QREM)

TERRELL STRAYHORN, ADVISOR

A LATENT PROFILE ANALYSIS OF GRADE POINT AVERAGE, SELF-ESTEEM, AND WELLNESS: IDENTIFYING PSYCHOLOGICALLY LESS-PREPARED FIRST-YEAR COLLEGE STUDENTS

Current study used latent profile analysis to investigate the interplay of students' high school grade point average (GPA), self-esteem, and wellness at once in order to provide a more holistic view on college students' psychological well-being. The effects of distinct profiles on students' sense of belonging and confidence in the transition were also examined.

CHRISTOPHER TRAVERS

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EDUCATIONAL STUDIES,
HIGHER EDUCATION AND STUDENT AFFAIRS

TERRELL STRAYHORN, ADVISOR

ASSESSING THE RELATIONSHIP BETWEEN WELLNESS, SENSE OF BELONGING, AND TRANSITION TO COLLEGE FOR BLACK MALE COLLEGIANS

The purpose of this study was to assess the relationship between measures of wellness, sense of belonging, and transition to college for a sample of first-year, Black male college students at a predominantly White institution. Practical recommendations for college student educators that work with Black male students will be highlighted.

ORAL PRESENTATIONS

SESSION I: 8:30AM – 10:00AM

ROOM: TANYA R. RUTNER

MARISSA GREEN

GREEN.1292@OSU.EDU

EDUCATIONAL STUDIES,
EDUCATIONAL PSYCHOLOGY AND PHILOSOPHY
ERIC ANDERMAN, ADVISOR

BELONGING AT AN EARLY COLLEGE SCHOOL: A QUALITATIVE ANALYSIS OF STUDENTS' PERSPECTIVES

This qualitative study explored students' sense of belonging in an early-college secondary school. This study contributes a rich description of students' perspectives of the factors that promote a sense of belonging in a setting that emphasizes accelerated academic performance. Results highlight a distinction between social and academic belonging.

YEOEUN KIM

KIM.6105@OSU.EDU

EDUCATIONAL STUDIES,
EDUCATIONAL PSYCHOLOGY AND PHILOSOPHY
SHIRLEY YU, ADVISOR

EXAMINING SELF-REGULATION UNDER MOTIVATIONAL CONFLICT

This study focused on motivational conflict that students experience when working on an academic task in the face of an attractive alternative. Resisting temptation and persisting on a task can put high demand on the self-regulatory process. We examined how students perceive temptation differently depending on self-regulation ability and task context.

KARI TAYLOR

TAYLOR.2564@OSU.EDU

EDUCATIONAL STUDIES,

HIGHER EDUCATION AND STUDENT AFFAIRS

SUSAN JONES, ADVISOR

**LEARNING THAT LINGERS: A LONGITUDINAL INVESTIGATION
OF DISORIENTING DILEMMAS IN AN INTERNATIONAL
SERVICE-LEARNING CONTEXT**

This study examines developmental processes among a diverse group of participants in an international service-learning program. Through a longitudinal case study, researchers found that during the year following the program, participants continued to make meaning of community partnerships, identity issues, and power dynamics.

MENGLIN XU

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EDUCATIONAL STUDIES,

QUANTITATIVE RESEARCH, EVALUATION, AND

MEASUREMENT (QREM)

RICHARD LOMAX, ADVISOR

**A LONGITUDINAL MODEL OF MATH ACHIEVEMENT
DEVELOPMENT AMONG U.S. CHILDREN**

This study aims to examine the growth trajectory of students' math achievement through four time points, and the factors affecting the growth. All data were from Early Childhood Longitudinal Study, Kindergarten Class of 1998–99 (ECLS-K), 350 students were included. HLM was used to conduct the multilevel model.

ORAL PRESENTATIONS

SESSION 2: 10:15 - 11:45AM

ROOM: BARBIE TOOTLE

TIFFANY HALSELL

HALSELL.5@OSU.EDU

EDUCATIONAL STUDIES,
CULTURAL FOUNDATIONS OF EDUCATION
DORINDA GALLANT, ADVISOR

HIGH IMPACT PRACTICES: A MIXED METHODS STUDY OF ENGAGEMENT AMONG BLACK UNDERGRADUATE WOMEN AT A PREDOMINATELY WHITE UNIVERSITY

This study seeks to investigate how the intersections of race, gender, and class (using socioeconomic status as a proxy) combine to affect Black undergraduate women and their experiences with High Impact student engagement practices (HIPs) while attending a predominately White institution (PWI) of higher education.

NATALIE ANDZIK

ANDZIK.1@OSU.EDU

EDUCATIONAL STUDIES, SPECIAL EDUCATION
HELEN MALONE, ADVISOR

COMPARATIVE EFFECTS OF BEHAVIORAL SKILLS TRAINING ON EVIDENCE-BASED PRACTICE PERFORMANCE

Research has demonstrated the efficacy of Behavioral Skills Training (BST) as an instructional method with adult learners; however, few studies have examined its use in the college teaching environment. This study examined such effects using an alternating treatments design. Results implicate BST is an effective alternative to didactic instruction.

RACHEL SEAMAN

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EDUCATIONAL STUDIES, SPECIAL EDUCATION

HELEN MALONE, MATTHEW BROCK, ADVISORS

THE EFFECTS OF A TRAINING PACKAGE ON JOB COACH USE OF VIDEO PROMPTING

Very few individuals with autism spectrum disorder (ASD) are trained in the skills needed for employment. By implementing evidence-based practices, we can hopefully increase these opportunities. Using a training package, a job coach was trained to use the video prompting iPhone app (inPromptu) to teach a vocational skill to a student with ASD.

ZIWEI XU & MARNIE SHAPIRO

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EDUCATIONAL STUDIES, SPECIAL EDUCATION

NANCY NEEF, ADVISOR

EVALUATION OF PRACTITIONER JOURNAL ARTICLES WITH AND WITHOUT GUIDED NOTES ON SPECIAL EDUCATION TEACHERS' PROCEDURAL INTEGRITY

We used a multiple baseline single-subject design to examine the effects of written instructions drawn from practitioner-oriented journal articles with or without supplementary guided notes on inexperienced special education teachers' accurate implementation of behavioral assessments and interventions.

ORAL PRESENTATIONS SESSION 2: 10:15 - 11:45AM ROOM: SUZANNE M. SCHARER

TANJA BURKHARD

BURKHARD.29@OSU.EDU

TEACHING AND LEARNING,
MULTICULTURAL AND EQUITY STUDIES IN EDUCATION
VALERIE KINLOCH, ADVISOR

BLACK IMMIGRANT WOMEN AND LANGUAGE TEACHING: AN AUTOETHNOGRAPHIC APPROACH

In this presentation I will draw on an autoethnographic approach to explore the narratives of Black immigrant women in teaching and learning, particularly as they relate to notions of perceived incompetence. Using a Black transnational feminist framework, I will explore the interconnection of language, race, and gender.

DAVID BWIRE

BWIRE.1@OSU.EDU

TEACHING AND LEARNING,
LANGUAGE, EDUCATION, AND SOCIETY
VALERIE KINLOCH, ADVISOR

THE CLASSROOM AS AN INCLUSIVE PUBLIC SPACE: EXPLORING LANGUACULTURAL ENGAGEMENT IN AN ALASKA-KENYA COLLABORATION

Informed by the benefits of an inclusive public space for learners, I examine how implicit and explicit culture shape communication, seen through language use by students in an Alaska-Kenya collaboration. I argue for bridging in- and out-of-class experiences with beyond-local connections, as a viable education strategy in our transcultural world.

BROOKE HARRIS GARAD

HARRISGARAD.1@OSU.EDU

TEACHING AND LEARNING,
MULTICULTURAL AND EQUITY STUDIES IN EDUCATION
VALERIE KINLOCH, ADVISOR

GLOBAL PEDAGOGIES: LEARNING FROM IMMIGRANT EDUCATORS ABOUT TEACHING IMMIGRANT YOUTH

In community-based after-school environments, educators reflect the racial, cultural, and linguistic backgrounds of their youth participants. What can we learn, particularly from immigrant educators, about meeting the needs of English language learners, students of color, and immigrant students in and beyond U.S. public schools?

JUNG SOOK KIM

KIM.4277@OSU.EDU

TEACHING AND LEARNING,
LANGUAGE, EDUCATION, AND SOCIETY
ELAINE RICHARDSON, ADVISOR

RETHINKING THE DISCOURSE OF DIVERSITY: NEGOTIATING LANGUAGE IDEOLOGIES AND IDENTITIES AMONG INTERNATIONAL TEACHING ASSISTANTS

The present research illuminates and problematizes oppressing discourses of diversity in pedagogical practices by critically investigating the relation between language ideologies and international students' identity construction.

ORAL PRESENTATIONS

SESSION 2: 10:15 - 11:45AM

ROOM: HAYES CAPE

HYUN JUNG JOO

JOO.77@BUCKEYEMAIL.OSU.EDU

TEACHING AND LEARNING, FOREIGN, SECOND, &
MULTILINGUAL LANGUAGE EDUCATION
ALAN HIRVELA, ADVISOR

“I DON’T WANT TO MAKE ELEMENTARY SCHOOL IN HIGH SCHOOL!”: ARGUMENTATIVE WRITING PRACTICES IN AN ESL HIGH SCHOOL CLASSROOM

Since argumentative writing becomes critical in acquiring academic literacy in U.S. high schools, this two-year longitudinal study of an ESL high school teacher and two of her ESL classes explores the teacher’s developing expertise on teaching argumentative writing by examining how her conceptual understanding and practical approaches evolve.

EUNJEONG PARK

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TEACHING AND LEARNING, FOREIGN, SECOND, &
MULTILINGUAL LANGUAGE EDUCATION
ALAN HIRVELA, ADVISOR

ISSUES OF ACADEMIC ADAPTATION IN INTERNATIONAL GRADUATE STUDENTS' COMPOSITION CLASS: A MIXED- METHODS RESEARCH

This study examines international graduate students' academic adaptation scales via survey questionnaire and explores how international students are academically adapted in the U.S. college setting via a case study. The study will discuss how quantitative and qualitative results can explain international graduate students' academic adaptation.

SHIAO-CHEN TSAI

TSAI.239@OSU.EDU

TEACHING AND LEARNING, FOREIGN, SECOND, &
MULTILINGUAL LANGUAGE EDUCATION
ALAN HIRVELA, ADVISOR

HOW INTERNATIONAL UNDERGRADUATE STUDENTS DEVELOP ACADEMIC LISTENING AND NOTE-TAKING SKILLS IN DIFFERENT CONTENT COURSES DURING THEIR FIRST SEMESTER

This presentation will report findings from six Chinese-speaking freshmen's experiences in 11 content courses. Weekly observation fieldnotes, interviews, students' notes, and strategy checklists are triangulated to interpret how their perception and motivation influenced their choices of listening and note-taking strategies in different courses.

ORAL PRESENTATIONS
SESSION 2: 10:15 - 11:45AM
ROOM: ROSA M. AILABOUNI

MEGAN FERRIBY

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HUMAN SCIENCES,

HUMAN DEVELOPMENT AND FAMILY SCIENCE

KEELEY PRATT, ADVISOR

**WEIGHT LOSS SURGERY CANDIDATES' PEER AND
ROMANTIC RELATIONSHIPS AND ASSOCIATIONS WITH
HEALTH BEHAVIORS**

Research about weight loss surgery (WLS) patients' peer and romantic supports is limited, and fails to determine whether interventions should target peers and/or romantic partners. The purpose of this study is to provide descriptive evidence on the different supports of WLS candidates and associations between candidates' health status and supports.

CATHERINE HOLLOWAY

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HUMAN SCIENCES,
HUMAN DEVELOPMENT AND FAMILY SCIENCE
KEELEY PRATT, ADVISOR

THE SELF-REPORTED HEALTH STATUS OF CLIENTS PRESENTING FOR COUPLE AND FAMILY THERAPY

The purpose of this study is to report the general health, weight status, and dietary and physical activity behaviors of clients presenting for couple and family therapy (CFT) in order to inform future collaborative healthcare services that may be incorporated into traditional family therapy settings.

DEVIN LAURENT & TIMOTHY SHAUB

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HUMAN SCIENCES, KINESIOLOGY
RICK PETOSA, ADVISOR

ABILITY OF A BRIEF BEHAVIORAL INTERVENTION TO IMPACT DIMENSIONS OF SELF-REGULATION AMONG OVERWEIGHT AND OBESE ADULTS WITH TYPE 2 DIABETES

The purpose of this study was to evaluate the effect of a brief, behavioral intervention on dimensions of self-regulation for moderate-to-vigorous physical activity in overweight and obese adults with type 2 diabetes. A 4-week pretest-posttest control group design targeting Social Cognitive Theory variables and BodyMedia Armbands was implemented.

ORAL PRESENTATIONS

SESSION 2: 10:15 - 11:45AM

ROOM: TANYA R. RUTNER

DEBORAH LAN

LAN.23@OSU.EDU

TEACHING AND LEARNING, STEM

LIN DING, ADVISOR

NON-FICTION TEXTS IN INQUIRY BASED SCIENCE: EFFECTS ON TEACHER SELF-EFFICACY, CONTENT KNOWLEDGE, AND CLASSROOM PRACTICES

This research study aims to explore the results of a professional development created by researchers as a means for teachers grade 3-5 to teach content through use of non-fiction texts as a way to promote inquiry for their students. We examined the effects of this teaching method on teacher efficacy, content knowledge, and classroom practices.

CAN LU

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HUMAN SCIENCES, CONSUMER SCIENCES

JAY KANDAMPULLY, ADVISOR

CONSUMER ENGAGEMENT IN HOTEL SERVICES THROUGH MOBILE APPS

Mobile apps have become a new marketing tool to extend consumer relationship with service providers. In this regard, the purpose of this study is to extend our theoretical and practical understanding on how mobile device (including smartphones and tablets) apps can be effectively used to enhance consumer engagement with hotel firms.

CONGRONG OUYANG

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HUMAN SCIENCES, CONSUMER SCIENCES

SHERMAN HANNA, ADVISOR

CHILDREN'S COLLEGE AS A SAVING GOAL

Analysis of the 2013 U.S. Survey of Consumer Finances found that 27% of households with children under 18 reported having a college saving goal, approximately the same as a 1992 study. Based on a logistic regression, the likelihood of having the goal was related to education level, race/ethnicity, and net worth of the households.

VINTA TIARANI & TRUDY GIASI

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TEACHING AND LEARNING, STEM

KAREN IRVING, ADVISOR

ELEMENTARY TEACHERS' VIEWS ABOUT

ENGINEERS AND ENGINEERING

This study aims to investigate the views of engineers held by elementary teachers. Twenty nine elementary teachers in two groups, STEM/STEAM and Arts groups, created drawings of engineers at work. The analysis of the drawings and the comparison between groups will be presented in detail.

ORAL PRESENTATIONS
SESSION 3: 1:15 – 2:45PM
ROOM: BARBIE TOOTLE

MICAH GERHARDT

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HUMAN SCIENCES,
HUMAN DEVELOPMENT AND FAMILY SCIENCE
XIN FENG, ADVISOR

**EMOTION EXPRESSIONS OF CHILDREN AND PARENTS IN
NATURALISTIC AND LABORATORY SETTINGS**

This study examined the relation between paternal and maternal emotion coaching and child emotion expression in naturalistic and lab environments. Results suggest that paternal and maternal emotion expression and the interaction between them are important to children's emotion expression.

SEULKI KU

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HUMAN SCIENCES,

HUMAN DEVELOPMENT AND FAMILY SCIENCE

XIN FENG, ADVISOR

**PARENTING DAILY HASSLES AND CHILD EXECUTIVE
FUNCTION: THE ROLE OF EMOTIONALITY**

Differential susceptibility model suggests that children high in negative emotionality (NE) display worse outcomes in adverse environments but better outcomes in supportive environments, compared to children low in NE. This study examined whether differential susceptibility model was applied to parenting stress and children's executive function.

MENG WANG

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TEACHING AND LEARNING,

EARLY AND MIDDLE CHILDHOOD STUDIES

XIN FENG, ADVISOR

**PARENT GENDER AND THE SOCIALIZATION OF
CHILDRENS' EMOTIONS**

This study investigated the association between parent gender and their emotion coaching behaviors. The preliminary results suggest that in general mothers display more emotion coaching behaviors, including both emotion-focused and problem-focused emotion coaching strategies more often compared to fathers.

ORAL PRESENTATIONS

SESSION 3: 1:15 – 2:45PM

ROOM: SUZANNE M. SCHARER

HAFNILIANA

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TEACHING AND LEARNING, FOREIGN, SECOND, &
MULTILINGUAL LANGUAGE EDUCATION
KEIKO SAMIMY, ADVISOR

AN ANALYSIS OF ELT MATERIALS IN ENGLISH E-TEXTBOOKS OF THE 2013 CURRICULUM FOR SECONDARY SCHOOLS IN INDONESIA

The Indonesian Ministry of Education has published English e-textbooks for students and teachers. The ELT materials presented in English e-textbooks which are expected to support and provide the ease for students' learning and teachers' teaching process in English classrooms need to be investigated.

KAREN KOEHLER

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TEACHING AND LEARNING,
LANGUAGE, EDUCATION, AND SOCIETY
TIFFANY WILD, ADVISOR

IMPACT OF 3-D PRINTING ON CONCEPTUAL UNDERSTANDINGS OF STUDENTS WITH VISUAL IMPAIRMENTS

This session will present the findings of a pilot study on assessing middle school students with visual impairments conceptual understanding of Earth science concepts through the use of an inquiry-based science curriculum. The results will be reported and compared by methodology used in instruction (tactile graphics vs 3-D printing).

WILLY PRASETYA

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TEACHING AND LEARNING, FOREIGN, SECOND, &
MULTILINGUAL LANGUAGE EDUCATION

KEIKO SAMIMY, ADVISOR

COHESION AND COHERENCE IN HIGH SCHOOL STUDENT WRITING

This descriptive study examined the cohesion and coherence in texts written by 20 high school students in Indonesia. The result showed there was lack of both aspects in the students' texts. This finding may lead to other studies about what factors affect EFL students' writing quality and what methods are effective to teach writing in EFL contexts.

TARA STRANG

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TEACHING AND LEARNING,
READING & LITERACY IN EARLY & MIDDLE CHILDHOOD

SHAYNE PIASTA, ADVISOR

IMPLEMENTING A NEW KINDERGARTEN READINESS ASSESSMENT: WHAT DO PRINCIPALS AND TEACHERS THINK?

This study examined teachers' and principals' experiences with a state-mandated Kindergarten Readiness Assessment (KRA) during its inaugural year. In general, teachers and principals did not perceive the KRA as useful for guiding instruction and cited reasons related to administration, assessment content, and different perceptions of purpose.

ORAL PRESENTATIONS
SESSION 3: 1:15 – 2:45PM
ROOM: HAYES CAPE

JEE-AHE AHN

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HUMAN SCIENCES, CONSUMER SCIENCES

SOOBIN SEO, ADVISOR

INTERACTIVE RESTAURANT SELF-SERVICE TECHNOLOGY (IRSST)

Employing Mehrabian and Russell's stimulus-organism-response framework, this study examined how Generation Y's perceived attributes of interactive restaurant self-service technology affect their cognitive and affective states, and subsequent behavioral intentions of using interactive restaurant self-service technology.

VANJA BOGICEVIC

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HUMAN SCIENCES, CONSUMER SCIENCES

MILOS BUJISIC, ADVISOR

LODGSCAPE: A SCALE FOR GUESTS' PERCEPTIONS OF HOTEL ROOM PHYSICAL ENVIRONMENT QUALITY

This study aimed to develop a comprehensive instrument of perceived hotel guestroom servicescape quality that measures the effect of servicescape dimensions on guest satisfaction and behavior. The results suggested that hotel management should emphasize guestroom aesthetics and layout quality at the expense of lighting and furniture quality.

EUN-SOL HER

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HUMAN SCIENCES, CONSUMER SCIENCES

SOOBIN SEO, ADVISOR

DOES RESTAURANT PHYSICAL ENVIRONMENT DRIVE HEALTHY EATING? THE ROLE OF PLEASURE AND AROUSAL

Consumer researchers have extended the knowledge of contributing factors for healthy eating in restaurants. Still, there is a dearth of studies investigating indirect factors. This study aims to identify the effect of restaurant physical environment—facility and ambience—on healthy eating behavior, mediated by pleasure and arousal.

ORAL PRESENTATIONS

SESSION 3: 1:15 – 2:45PM

ROOM: ROSA M. AILABOUNI

KYLE BARTHOLOMEW

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HUMAN SCIENCES,
HUMAN DEVELOPMENT AND FAMILY SCIENCE
CLAIRE KAMP DUSH, ADVISOR

SEXUAL TEMPO: IS IT THE PATHWAY TO RELATIONSHIP PROGRESSION OR REGRESSION?

This study seeks to investigate the average sexual tempo across romantic relationships and to what extent sexual tempo predicts subsequent relationship transitions such as cohabitation, marriage, and dissolution, as well as transitions within unions by utilizing four waves of data from The National Longitudinal Study of Adolescent to Adult Health.

RACHEL BROWN

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HUMAN SCIENCES,
HUMAN DEVELOPMENT AND FAMILY SCIENCE
CLAIRE KAMP DUSH, ADVISOR

RECIPROCAL ASSOCIATIONS BETWEEN MARITAL TIMING EXPECTATIONS AND CHANGING CIRCUMSTANCES IN COHABITING INDIVIDUALS

Many cohabitators expect to marry, but not all will wed. Some have suggested that “barriers to marriage” limit marital hopes, so changes in those barriers should increase certainty. Others suggest marital expectations drive behaviors that make marriage more likely. We test reciprocal associations between circumstances and expectations of marriage.

SARA MERNITZ

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HUMAN SCIENCES,

HUMAN DEVELOPMENT AND FAMILY SCIENCE

CLAIRE KAMP DUSH, ADVISOR

**PREDICTORS OF STABLE COHABITATION DURING THE
TRANSITION TO ADULTHOOD**

During the transition to adulthood, young adults enter into long-term, stable cohabitations. Yet, little is known about the predictors of stable cohabitation. Using data from the National Longitudinal Study of Adolescent to Adult Health (n = 20,774), I test the role of relationship and economic factors in predicting cohabitation outcomes.

KENNETH WHITE

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HUMAN SCIENCES, CONSUMER SCIENCES

MICHAEL BETZ, ADVISOR

**FINANCIAL SOCIALIZATION AND RELATED FINANCIAL
BEHAVIORS AMONG COLLEGE STUDENTS**

Financial responsibility and financial independence are signs of adulthood. Establishing healthy financial behaviors, which includes seeking professional advice and financial education, is important to short- and long-term financial success and satisfaction. This study tests financial socialization indicators that influence financial behaviors.

ORAL PRESENTATIONS

SESSION 3: 1:15 – 2:45PM

ROOM: TANYA R. RUTNER

JIN-KYUNG LEE

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HUMAN SCIENCES,
HUMAN DEVELOPMENT AND FAMILY
SCIENCE

SARAH SCHOPPE-SULLIVAN, ADVISOR

FATHERS' POSITIVE ENGAGEMENT, FAMILY POVERTY, AND CHANGE IN CHILD BEHAVIOR PROBLEMS

To test whether fathers' positive engagement can buffer higher risks in child internalizing or externalizing behavior problems, 762 constantly-resident-father families from the Fragile Families and Child Wellbeing Study were sampled. Regression analyses and post-hoc probing of significant interactions were used and supported research hypotheses.

ANNA OLSAVSKY

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HUMAN SCIENCES,
HUMAN DEVELOPMENT AND FAMILY SCIENCE
SARAH SCHOPPE-SULLIVAN, ADVISOR

INFANT CHARACTERISTICS AS PREDICTORS OF CHANGE IN COUPLE RELATIONSHIP COMMITMENT ACROSS THE TRANSITION TO PARENTHOOD

This investigation focuses on infant characteristics that may explain change in couples' relationship commitment over the transition to parenthood, including infant temperament and infant gender. Commitment is understood through variables of confidence, constraint, and dedication. Differences between married and cohabiting couples are addressed.

THERESA SETTLE

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HUMAN SCIENCES,
HUMAN DEVELOPMENT AND FAMILY SCIENCE
SARAH SCHOPPE-SULLIVAN, ADVISOR

MEASURING FAMILY QUALITY OF LIFE FOR CHILDREN WITH AUTISM

This study focuses on the family quality of life for children with autism by analyzing relationships between family leisure and other child and family variables (e.g., child behaviors or socio economic status). A comparison sample of families with typically-developing children will be analyzed in conjunction with this data.

JULIA YAN

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HUMAN SCIENCES,
HUMAN DEVELOPMENT AND FAMILY SCIENCE
SARAH SCHOPPE-SULLIVAN, ADVISOR

THE LONGITUDINAL ASSOCIATION BETWEEN INFANT NEGATIVITY AND MATERNAL GATE-CLOSING: MEDIATION THROUGH MATERNAL PARENTING STRESS

The first goal of the current study was to determine whether infant negative affectivity would serve as a predictor of maternal gate-closing. We further examined parental adjustment as the mediator of the association between infant negative affectivity and maternal gate-closing.

POSTER PRESENTATIONS CARTOON ROOM

There will be no poster presentations during Session 1 but all posters will be available for view all day. Half of the presenters will be available to discuss their posters during Session 2 and the other half, during Session 3.

**SESSION II:
10:15AM – 11:45AM**

AUSTIN ANGELOTTI

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HUMAN SCIENCES,
HUMAN NUTRITION
MARTHA BELURY, ADVISOR

COMPARING LINOLEIC ACID CONTENT IN OILS STORED AT VARYING TEMPERATURES

Oils rich in linoleic acid have positive health affects in humans. Because linoleic acid can be degraded, it is important to determine how storage conditions lead to the break down of linoleic acid in dietary oils. The purpose of this research is to help determine proper storage conditions for dietary oils high in linoleic acid.

VANJA BOGICEVIC

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HUMAN SCIENCES,
CONSUMER SCIENCES
SOOBIN SEO, ADVISOR
**DOES GREEN MEAN SAFE
AND HEALTHY? THE ROLE OF
GREEN DESIGN AND GREEN
MARKETING MESSAGE**

This experimental study aims to examine how green marketing message and green interior design influence restaurant customers' assessment of green value, food healthiness, and food safety. We expect food in restaurants practicing green design and marketing to be perceived as safer and healthier compared to food in non-green restaurants.

JIAXING CHENG

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HUMAN SCIENCES,
CONSUMER SCIENCES
SOOBIN SEO, ADVISOR
**THE IMPACT OF LANGUAGE
CHOICE IN TV COMMERCIALS
ON CREDIBILITY EVALUATION
AND PURCHASE INTENTION:
THE MODERATING ROLE OF
ENDORSER LIKABLENESS**

The research examines the effect of congruence between language use and brand origin in TV commercials on advertising credibility, brand

credibility, and purchase intention. The moderating role of endorser likableness between incongruence and credibility evaluation will also be measured.

SUGENE CHO

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HUMAN SCIENCES,
HUMAN DEVELOPMENT AND
FAMILY SCIENCE

KELLY PURTELL, ADVISOR

**FINANCIAL RESPONSIBILITIES
AND SCHOOL & WORK**

PATTERNS AMONG YOUNG

ADULTS: THE ROLE OF

FINANCIAL CONSTRAINTS IN

TRANSITION TO EMPLOYMENT

This study explores how young adults' perceptions of their financial responsibilities influence their career development patterns reflected in their school and work patterns. We also examine how these constraints influence the perceived usefulness of their current work or school for their future career.

MICHAEL FRAINA

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HUMAN SCIENCES,
KINESIOLOGY

DONNA PASTORE, ADVISOR

**EXAMINATION OF THE
INTERACTIVE EFFECTS OF
SOCIALIZATION TOWARD**

**YOUTH ATHLETES'
MOTIVATION**

This study will examine the interactive effects of social influence (i.e. parents, peers, coaches) toward the motivational profiles of disadvantaged youth sport participants. Utilizing a self-determination theory framework, motivational profiles will be measured through fulfillment of competence, autonomy, and relatedness.

MIRANDA GERACE

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HUMAN SCIENCES,
HUMAN DEVELOPMENT AND
FAMILY SCIENCE

SARAH SCHOPPE-SULLIVAN,
ADVISOR

**PARENTAL PSYCHOLOGICAL
PREDICTORS OF OBSERVED
SUPPORTIVE AND
UNDERMINING COPARENTING
DURING INFANCY**

This study sought to examine how parental psychological characteristics reported during the third trimester of pregnancy are associated with observed supportive and undermining coparenting behavior at 3 and 9 months postpartum. Analyses indicate that fathers' psychological characteristics are more closely associated with coparenting behavior.

CHAD GERBER

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HUMAN SCIENCES,
KINESIOLOGY

DONNA PASTORE, ADVISOR
**IDENTITY DEVELOPMENT OF
COLLEGE STUDENT-ATHLETES**

This future study will explore the issues associated with the identity development in college student-athletes. Several social theories (self-schema, social identity, etc.) will be utilized as a framework to examine key factors that influence how student-athletes self identify as students and/or athletes.

LEIAH GROOM

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TEACHING AND LEARNING,
READING & LITERACY IN EARLY
& MIDDLE CHILDHOOD

SHAYNE PIASTA, ADVISOR
**DO PRESCHOOL CLASSROOM
LANGUAGE LEARNING
OPPORTUNITIES PREDICT
CONCURRENT AND
FUTURE VOCABULARY AND
COMPREHENSION SKILLS?**

This study expanded on prior research to examine the quantity and quality of preschool classroom language learning opportunities and how these relate to children's concurrent and grade 1

vocabulary and comprehension outcomes. Results indicated limited classroom language learning opportunities and few associations with child outcomes.

EUN-SOL HER

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HUMAN SCIENCES,
CONSUMER SCIENCES
MILOS BUJISIC, ADVISOR

**SOLO DINERS' RESTAURANT
DECISION MAKING: RELATIVE
PREFERENCE FOR UTILITARIAN
OVER HEDONIC ATTRIBUTES**

With the increase of solo diners in marketplace, research calls for the investigation of unique characteristics of solo diners. This study compares restaurant decision making between solo and group diners with emphasis on the relative preference for utilitarian versus hedonic restaurant attributes.

GUI JEONG KIM

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HUMAN SCIENCES,
CONSUMER SCIENCES
SHERMAN HANNA, ADVISOR

**HAVE THE EFFECTS OF SELF-
CONTROL MECHANISMS ON
SAVING BEHAVIOR CHANGED
SINCE 1998?**

We reexamine the effects of self-control mechanisms on saving behavior using the 2013 Survey of Consumer Finance (SCF), following the assumptions of research that analyzed the 1998 SCF. Self-control mechanisms included saving goals, foreseeable expenses, and saving rules.

YITING LAN

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HUMAN SCIENCES,
CONSUMER SCIENCES
SOOBIN SEO, ADVISOR

**INVESTIGATING THE FACTORS
OF CUSTOMERS' CONTINUANCE
INTENTIONS TOWARDS
AMERICAN ONLINE**

INTERNATIONAL GOODS SHOPS
In this study, both e-quality service model and ECM model are used to test the motives of customers' continuous intentions towards online international markets in America. Some other factors are also tested.

IAN LI

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HUMAN SCIENCES,
CONSUMER SCIENCES
SOOBIN SEO, ADVISOR

**CONSUMER SKEPTICISM
TOWARDS HOTEL GREEN
STRATEGIES AND ITS IMPACT
ON CUSTOMER LOYALTY**

It is confirmed that consumers behave inconsistently from their beliefs that sustainability is an important feature for hotels. This research differentiates hotels' green strategies, and tests their moderating effects on consumer skepticism. It also illustrates the relationships of consumer skepticism and customer loyalty.

**GLEIDES LOPES-
RIZZI & CELINE
LOPES**

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LOPES.33@OSU.EDU

EDUCATIONAL STUDIES,
SPECIAL EDUCATION
RALPH GARDNER & BROOKE
ENDERLE-PONTIOUS,
ADVISORS

**EVIDENCE-BASED READING
COMPREHENSION STRATEGIES
FOR STUDENTS WITH AUTISM**

Strategies used to improve the reading comprehension outcomes for learners with moderate- to high-functioning autism were compiled and analyzed under the Council for Exceptional Children Standards for Evidence-Based Practices in Special Education. Implications for practice, research, and alignment with the 2000 National Reading Panel are included.

MELINDA MATUCH

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TEACHING AND LEARNING,
EARLY AND MIDDLE
CHILDHOOD STUDIES
DONNA FARLAND-SMITH,
ADVISOR

DOES ENGINEERING CAMP IMPROVE STUDENTS' CONCEPTIONS OF AN ENGINEER'S WORK?

The conceptions of a group of thirty middle school students (grades 5 through 8) were assessed pre- and post- a five day engineering camp experience using the Draw an Engineer at Work Test. Changes in the students' conceptions of the engineer's work, use of science and math and gender were evaluated statistically and qualitatively.

KIMBERLY MURPHY

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TEACHING AND LEARNING,
READING & LITERACY IN
EARLY & MIDDLE CHILDHOOD
LAURA JUSTICE, ADVISOR

SPELLING AS A PREDICTOR OF READING COMPREHENSION: DOES SCORING METRIC MATTER?

The concurrent relationship between spelling and reading comprehension is explored using four metrics of scoring childrens' spellings. It is hypothesized that metrics that

account for partially correct spellings, specifically, those that utilize linguistic error analysis, will indicate a stronger relationship than a metric of overall accuracy.

HANNA PAULOSE

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HUMAN SCIENCES,
CONSUMER SCIENCES
MILOS BUJISIC, ADVISOR

EFFECT OF GROUP MEMBERSHIP ON GREEN PURCHASING DECISION: AN EMPIRICAL STUDY

This study aims to examine the effect of collectivist attitude and cultural identity on green purchasing decisions. Specifically, the study investigates whether collectivist mindset and specific cultural identities would encourage people to make decisions that are in favor of environment and other people.

DEENA SNOKE

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HUMAN SCIENCES,

HUMAN NUTRITION

MARTHA BELURY, ADVISOR

DO CHEMOTHERAPY AGENTS

FOR CANCER CAUSE MUSCLE

LOSS AND WEAKNESS BY

IMPAIRING MITOCHONDRIAL

FUNCTION?

Chemotherapy causes muscle fatigue and loss of strength. Cardiolipin (CL), the hallmark phospholipid in mitochondrial membranes, is integral for proper cellular energy balance. My research investigates changes in CL structure modulated by enzyme ALCAT-1 in mice treated with chemotherapy. Future studies will further define this energy imbalance.

DIANA

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TEACHING AND LEARNING,

READING & LITERACY IN EARLY

& MIDDLE CHILDHOOD

CHRISTINE WARNER, ADVISOR

CLASSROOM-LEVEL

INTERVENTIONS AFFECTING

CRITICAL THINKING AND

REASONING OUTCOMES: A

RESEARCH REVIEW

In this review, my purpose was to examine classroom-level interventions in the area of literacy research that have measured outcomes pertaining to critical thinking and reasoning. I identified influential empirical studies, conducted with students in grades K-12 in English language arts, and social studies.

ANDRIA STAMMEN

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TEACHING AND LEARNING,

STEM

LIN DING, ADVISOR

PRESERVICE TEACHERS'

COORDINATION OF THEORY

AND EVIDENCE

This study, underpinned by Kuhn's framework for scientific reasoning, investigates the relationship between preservice teachers' coordination of self-generated theory and evidence in a biology topic (matter) and in non-content specific (non-biology-based) situations.

SAMANTHA STEWART

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TEACHING AND LEARNING,
LITERATURE FOR CHILDREN
AND YOUNG ADULTS

PATRICIA ENCISO, ADVISOR

STORIES FROM STORIES: AN ETHNOGRAPHIC DISCOURSE ANALYSIS OF READ ALOUDS IN A PRE-KINDERGARTEN CLASSROOM

With early literacy standards at the forefront of early childhood education research understanding emergent reading processes has become progressively integral to early childhood pedagogy. This presentation details the ongoing collection and data analysis of narratives pre-kindergarten students tell during a classroom read aloud.

GLORIA YEOMANS- MALDONADO

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OSU.EDU

EDUCATIONAL STUDIES,
QUANTITATIVE RESEARCH,
EVALUATION, AND
MEASUREMENT (QREM)
ANN O'CONNELL, ADVISOR

THE INFLUENCE OF HOME LITERACY ENVIRONMENT AND PARENTAL READING BELIEFS ON VOCABULARY DEVELOPMENT

The purpose of this work is to understand the influence that

home literacy environment (HLE) and parental reading beliefs have on English vocabulary development in two samples spanning from pre-kindergarten to grade 3. The samples include a Spanish-speaking dual language learners (DLL) sample and an English speaking sample.

KAI ZHAO

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EDUCATIONAL STUDIES,
HIGHER EDUCATION AND
STUDENT AFFAIRS
MARC GUERRERO, ADVISOR

STRESSES AND COPING STRATEGIES OF CHINESE INTERNATIONAL STUDENTS IN THE UNITED STATES

It is important to study and understand the stress of the largest international students population. This study explored the characteristics of stressors and coping strategies of Chinese international students in the United States. Suggestions are also discussed for student affairs professionals, faculty and students themselves.

POSTER PRESENTATIONS CARTOON ROOM

There will be no poster presentations during Session 1 but all posters will be available for view all day. Half of the presenters will be available to discuss their posters during Session 2 and the other half, during Session 3.

SESSION III: 1:15PM – 2:45PM

ERNI ADELINA

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TEACHING AND LEARNING,
ADOLESCENT, POST-
SECONDARY, & COMMUNITY
LITERACIES

ADRIAN RODGERS, ADVISOR
**IMPROVING MULTICULTURAL
UNDERSTANDING AND
GLOBAL ISSUE AWARENESS
FOR HIGH-SCHOOL STUDENTS
THROUGH READING AND IN-
CLASS DISCUSSION**

The government of Indonesia has a goal that in 2045 the country will achieve its gold milestone that is to become developed, modern and highly-educated and civilized population country. Supporting this great goal; education is the first gate; thus, a pedagogy in Multicultural Understanding and Global Issue Awareness is important to go global.

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KRISTEN ARNOLD

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HUMAN SCIENCES,
HUMAN NUTRITION

TONYA ORCHARD, ADVISOR
**LAS-O3: A NOVEL DIETARY
INTERVENTION TO REDUCE
CHRONIC INFLAMMATION IN
POSTMENOPAUSAL WOMEN**

LAS-O3 (low added sugar, high fiber, omega-3 fatty acids) is a novel dietary intervention delivered to obese postmenopausal women by a registered dietitian. It is designed to reduce chronic inflammatory markers in the blood and risk for associated chronic diseases through improved diet quality.

ANA BROWN

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HUMAN SCIENCES,
KINESIOLOGY

SAMUEL HODGE, ADVISOR
**A HOLISTIC APPROACH TO
PHYSICAL ACTIVITY AND
DIETARY HABITS AMONG BLACK
AND HISPANIC ADOLESCENT
GIRLS IN URBAN COMMUNITIES**

This literature review seeks to synthesize the research base on urban Black and Hispanic adolescent girls in regards to: (a) physical activity and dietary habits, (b) values, beliefs, and attitudes associated with physical activity and nutrition; and (c) intervention best practices for the target populations.

CHEUK HEE CHEUNG

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HUMAN SCIENCES,
CONSUMER SCIENCES
TANSEL YILMAZER, ADVISOR

INFLUENCE OF MENTAL HEALTH ON PORTFOLIO CHOICE OF ELDERLY HOUSEHOLDS

With an aging population, an increasing number of people are entering their retirement age. Many elderly people have mental health conditions which may affect their ability to manage their household portfolios appropriately. This study examines the effects of different mental health conditions on household portfolio choice.

help improve the quality of life of African American families.

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KEELEY PRATT, ADVISOR

PARENT AND CHILD PHYSICAL ACTIVITY BEHAVIORS AND ENCOURAGEMENT AMONG A SAMPLE OF AFRICAN AMERICAN FAMILIES

The present study focuses on the relationship between African American primary caregivers and their child's physical activity (PA) levels as well as parental support for PA. The goal is to reduce the present knowledge gap of PA behavior and support for this population, which will

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TEACHING AND LEARNING,
LANGUAGE, EDUCATION, AND
SOCIETY

LAURIE KATZ, ADVISOR EXPLORING STORY IN PICTURE BOOKS TO GAIN MEANINGFUL LEARNING EXPERIENCES

First graders can explore several elements of a story in picture books. It is essential that they not only read the story but also gain meaningful learning experiences. By attending the session, attendees will learn about how they use picture books as teaching sources.

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EDUCATIONAL STUDIES,
SPECIAL EDUCATION
HELEN MALONE, ADVISOR
COMPARISON OF VIDEO

PROMPTING VERSUS IN-VIVO IN ACQUISITION OF SELF-CARE DAILY LIVING SKILLS

Individuals with developmental disabilities often have difficulty with personal care daily living skills. These difficulties can limit their independence and opportunities for work. To help determine best practice in teaching, this study will examine the difference in learning between a video prompting method and an in vivo teaching method.

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TEACHING AND LEARNING,
READING & LITERACY IN EARLY
& MIDDLE CHILDHOOD
SHAYNE PIASTA, ADVISOR

WHAT LANGUAGE AND LITERACY OPPORTUNITIES ARE EARLY CHILDHOOD EDUCATORS PROVIDING, AND DOES IT DEPEND ON THEIR PROFESSIONAL DEVELOPMENT EXPERIENCES?

This study examined which areas of language and literacy instruction early childhood educators target in their classrooms and whether

instructional targets differed based on receipt of language and literacy or comparison professional development (PD). Classroom observations revealed limited but important instructional differences.

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TEACHING AND LEARNING,
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EDUCATION

ALAN HIRVELA, ADVISOR

LANGUAGE LEARNING ANXIETY FOR CHINESE AS FOREIGN LANGUAGE LEARNERS WHEN SPEAKING— TAKING PERSONALITY AS AN INFLUENCE

First section would analyze the learning difficulties during the process of learning Chinese speaking for native English speakers. The role of language learning anxiety will be provided along with the possible solutions in the second part. In the last part, the two main personalities—Extroversion and Introversion will be compared and discussed.

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CAROLYN GUNTHER

INTEGRATION OF YOUTH MENTORS IN A NUTRITION EDUCATION INTERVENTION TO IMPROVE WEIGHT STATUS AMONG DISADVANTAGE CHILDREN DURING SUMMER: A PILOT STUDY

The aim was to assess the impact of a child nutrition health behavior intervention on Youth Mentor's own health through a triangulated, mixed methods approach. Primary study outcomes were health behaviors and weight status. Whole Fruit, Fruit Juice, Total Fruit, and Total Fruit and Vegetable intake increased.

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THE EFFECTS OF PEER- MEDIATED INTERVENTION ON INTRAVERBAL BEHAVIOR IN CHILDREN WITH AUTISM SPECTRUM DISORDER

Children who struggle with verbal communication face challenges that persist throughout life; this is especially true for individuals with autism spectrum diagnoses. Therefore,

this study is aimed towards determining if peers can be trained to aid in increasing the verbal communication skills of students with autism spectrum disorders.

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SAMUEL HODGE, ADVISOR

PROJECT LIFE: A CULTURALLY TAILORED, FAITH BASED PHYSICAL ACTIVITY AND NUTRITION INTERVENTION FOR AFRICAN AMERICAN WOMEN

This study assesses the effectiveness of Project LIFE (Lifestyle Improvement through Faith & Empowerment) – a culturally tailored, faith based intervention designed to increase physical activity (PA) and improve nutrition among African American women. A 10-week intervention will precede two assessment periods of PA and nutrition-related outcomes.

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EDUCATIONAL STUDIES,
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**WHAT HAPPENS TO LEARNERS
WITH ASD IN THE US AND
OHIO AFTER HIGH SCHOOL
GRADUATION**

Outcomes (e.g., occupation, employment, education) guide transition planning. This study analyze Ohio and U.S. reports on the post-secondary outcomes (e.g., employment, unpaid volunteering, and internship) for youth with autism from 1995 to 2015, with the purpose of identifying channels to tailor successful transition planning with long term outcomes.

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HUMAN SCIENCES,
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THE INFLUENCE OF GENERATION

**Y'S INTERACTIONS ON SNS:
AN EXPLORATORY STUDY ON
CUSTOMER BRAND LOYALTY IN
THE HOSPITALITY INDUSTRY**

This study aims to identify different dimensions of social interactions on SNSs, and to understand the relationship

between Generation Y's social interactions and their loyalty toward hospitality brands through SNSs. It contributes to present understanding on Generation Y's brand loyalty and its antecedents for furthering theoretical development.

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EDUCATIONAL STUDIES,
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**ACQUISITION OF A FITNESS
ROUTINE IN PEOPLE WITH
A SEVERE INTELLECTUAL
DISABILITY**

The proposed study intends to teach students with a severe to profound intellectual disability to engage in a fitness routine that will consist of six exercises and a warm up period of stretching. Secondary measures will include assessing the preference of the students related to exercise, and heart rate.

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TEACHING AND LEARNING,
READING & LITERACY IN EARLY
& MIDDLE CHILDHOOD
ADRIAN RODGERS, ADVISOR
**FAMILY LITERACY
ENVIRONMENT OF ESL
STUDENTS IN COASTAL AREA
OF ACEH INDONESIA**

This study will investigate family literacy environment of coastal area students of Aceh, Indonesia, in regards to second language acquisition, such as family learning behavior, parents-child's interaction, and books availability. The site is a naturally remote coastal area. Interviews and observations will be conducted with 20 eighth graders' families.

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**CONSUMER FOOD SAFETY
PERCEPTIONS AND PRACTICES
IN COMMON AREAS IN
MARKET-STYLE RESTAURANTS**

The objective of this study was to determine the food safety perceptions, beliefs, and practices among market-style restaurant patrons. Findings highlight the importance of

food safety in dining areas and will be used to develop effective interventions to improve behaviors related to prevention of foodborne disease in market-style restaurants.

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**THE EFFECTS OF FUNCTIONAL
COMMUNICATION TRAINING
ON EMISSION OF INDEPENDENT
MANDS AND REDUCTION
OF PROBLEM BEHAVIORS IN
CHILDREN DIAGNOSED WITH ASD**

The proposed research will look at functional communication training and its ability to increase a student's communication skills, during times when problem behaviors are likely to occur. By learning appropriate communication, it is hypothesized that the occurrence of communication related problem behaviors will decrease.

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**VOCATIONAL SKILLS
INTERVENTIONS FOR ADULTS**

**WITH AUTISM SPECTRUM
DISORDER: A REVIEW OF THE
LITERATURE**

With a disproportionately high unemployment rate, employment has shown to be exceptionally difficult for individuals diagnosed with autism spectrum disorder (ASD). This review focuses on vocational training interventions targeted for adolescents and adults with ASD. Intervention trends and recommendations for future research are discussed.

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**ASSOCIATION BETWEEN
BODY MASS INDEX, PHYSICAL
ACTIVITY, AND HABITUATION
IN HISPANIC ADOLESCENTS OF
PUERTO RICO**

Physical inactivity has been linked to increases in negative outcomes such as cardiovascular disease risk, obesity, and all-cause mortality. The purpose of this study was to determine the correlation between adolescent body mass index and corresponding physical activity levels. The following is preliminary data analysis of a dissertation study.

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**SERVICE INNOVATION:
ENGAGING GENERATION Y TO
CO-CREATE THROUGH MOBILE
TECHNOLOGIES**

This study examines factors that entice Generation Y consumers to engage in co-creation activities with firms using mobile technologies. Structural equation modeling was performed to test the hypothesized model. Results indicate that Generation Y consumers are more likely motivated by their peers and other social components.

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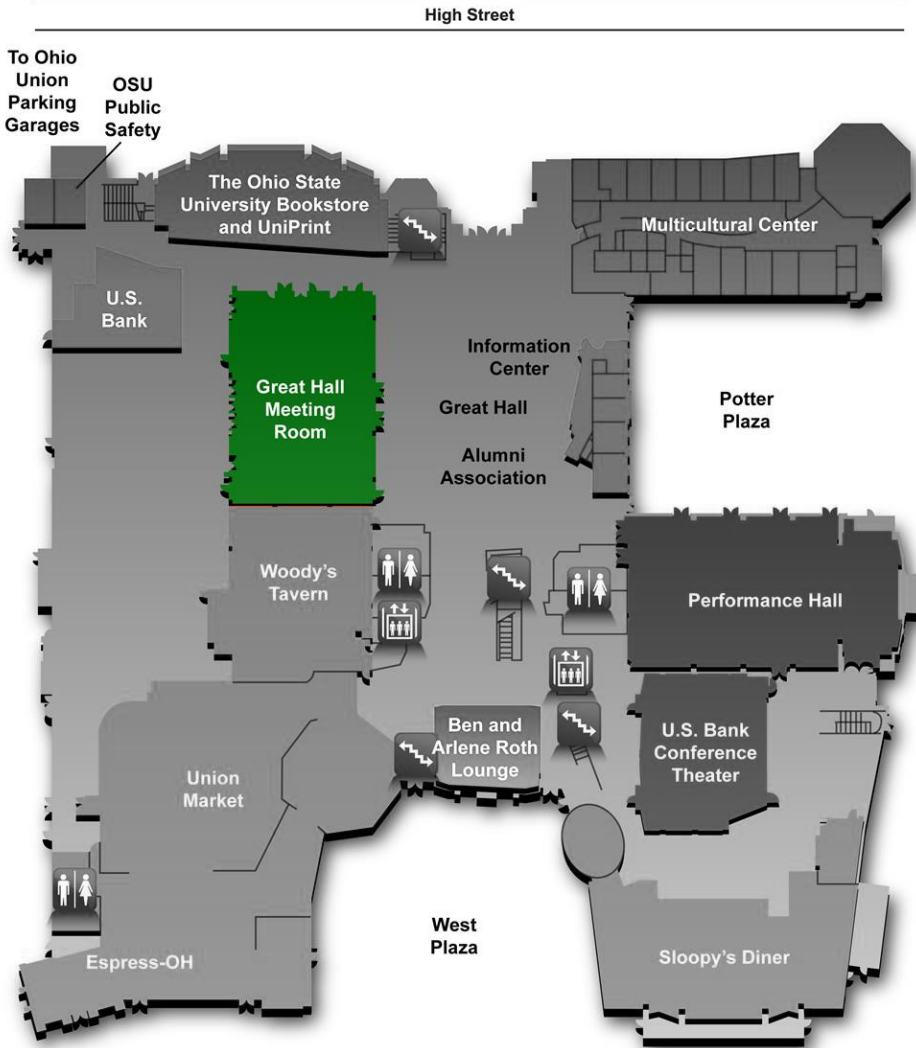
HUMAN SCIENCES,
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KEELEY PRATT, ADVISOR

**PROVIDERS' VIEWS ON FAMILY
INVOLVEMENT IN PEDIATRIC
OBESITY TREATMENT**

Clinicians working in pediatric obesity treatment settings are instructed to be family-based in their encounters; however, details about how to engage family members is largely unknown. The purpose of this project is to provide an assessment of clinicians' perspectives on engaging family members in pediatric obesity treatment.

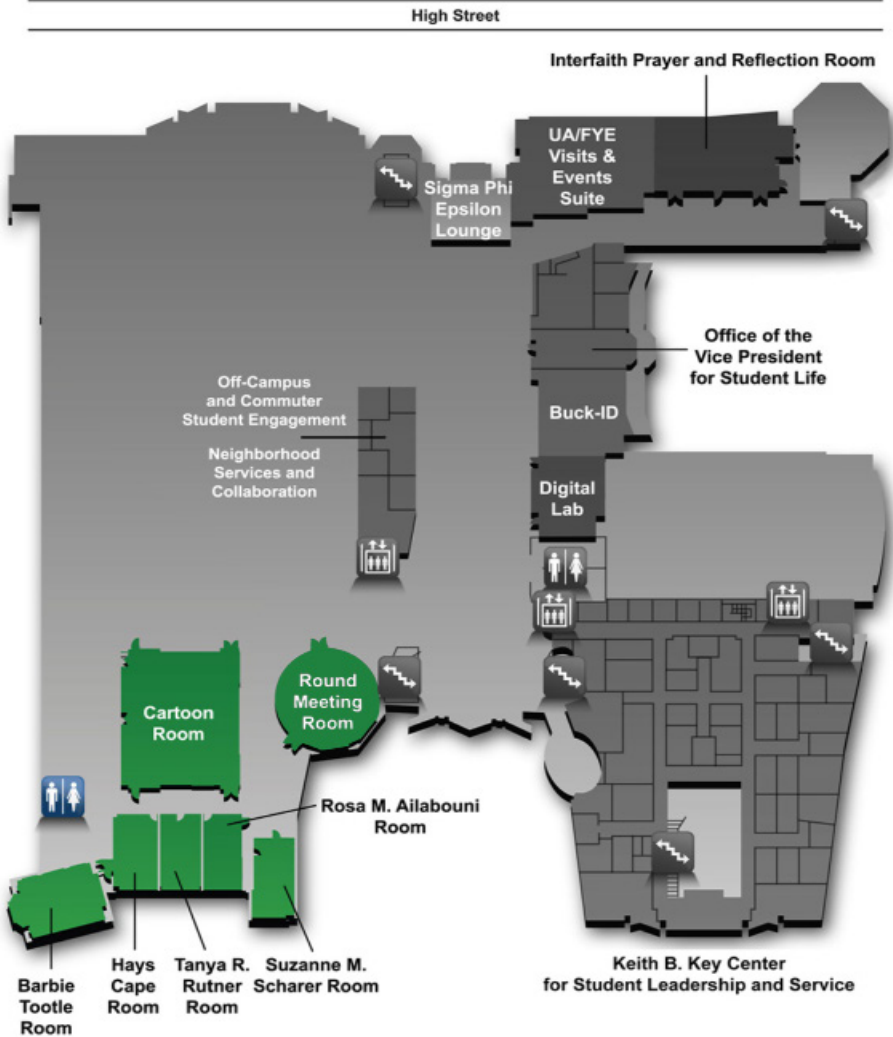
MAPS

OHIO UNION - FIRST FLOOR



MAPS

OHIO UNION - THIRD FLOOR



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