

THE OHIO STATE UNIVERSITY
COLLEGE OF EDUCATION AND HUMAN ECOLOGY



2015

EHE

**STUDENT
RESEARCH
FORUM**

2 | 2015 EHE STUDENT RESEARCH FORUM

UPCOMING EHE OFFICE OF RESEARCH WORKSHOPS

Save the Dates

| | |
|-----------------|-------------------|
| 2/26/15 | EHE Centers Expo |
| 2-3:30pm | |
| College Commons | 260 Ramseyer Hall |
| <hr/> | |
| 3/10/15 | Using Qualtrics |
| 1-2:30pm | |
| College Commons | 260 Ramseyer Hall |
| <hr/> | |
| 4/9/15 | Data Management |
| 1-2:30pm | |
| College Commons | 260 Ramseyer Hall |

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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Senior Grants Manager

BING TIAN, tian.19@osu.edu
Senior Grants Manager

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 2015 EHE STUDENT RESEARCH FORUM

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/2015forumfeedback 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
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| QUICK GUIDE TO PRESENTATIONS | | 8-9 |
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| ORAL | SESSION I | 12-21 |
| | SESSION II | 22-31 |
| | SESSION III | 32-41 |
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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.

2015 EHE FORUM PLANNING COMMITTEE

POSTERS AND PRESENTATIONS COMMITTEE

Valarie Heiss, Committee Co-Chair

Susan Mauck, Committee Co-Chair

Holly Asimou

Jessica Bennett

Rachel Brown

Rebekah Bruce

Eileen Bueschner

Mengyi Chen

Morris Council

Maretha Dellarosa

Juhyun Do

Dogucu Mine

Youngjoo Han

Harmey Sinead

Jua Hwang

Rich LaFountain

Gleides Lopes Rizzi

Robert Nichols

EJ Park

Lauren Porter

Dennis Priebe

Ani Pujiastuti

John Schaefer

Su Hyun Shin

Zhiru Sun

Sara Thomson

Shiao-Chen Tsai

Qingqing Xia

Gloria Yeomans-

Maldonado

Tingting Zhang

Meng Zhang

VOLUNTEER TRAINING AND RECRUITMENT COMMITTEE

Mary Sawyer, Committee Chair

Enny Anggraini

Jessica Bennett

Rachel Brown

Mengyi Chen

Maretha Dellarosa

Ruri Famelia

Rich LaFountain

Kim Murphy

Hanna Paulose

Ani Pujiastuti

Lynn Trinko

Di Wu

Jing Yu

Tingting Zhang

Wenli Zhang

COMMUNICATIONS AND ATTENDANCE COMMITTEE

Qiong Wu, Committee Co-Chair

Yanan Zhao, Committee Co-Chair

Eileen Bueschner

Mine Dogucu

Lorraine Wallace

Natosha Willis

Ruilan Zhao

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

2015 RESEARCH FORUM SPONSORS AND EXHIBITORS

2015 FORUM CO-SPONSORS

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

Mine Dogucu, Primary Leader. dogucu.1@osu.edu
<http://qrem.org.ohio-state.edu/>

EDUCATIONAL STUDIES GRADUATE STUDENT COUNCIL

Lauren Porter, Primary Leader. porter.700@osu.edu

2015 EXHIBITORS

CAREER COUNSELING AND SUPPORT SERVICES

<http://careerconnection.osu.edu/>

EDUCATIONAL STUDIES GRADUATE STUDENT COUNCIL

Lauren Porter, Primary Leader. porter.700@osu.edu

EDUCATIONAL STUDIES TEACHING ASSOCIATES (ESTA)

CJ Potter, Primary Leader. potter.269@osu.edu

OFFICE OF DISTANCE EDUCATION AND ELEARNING

<http://odee.osu.edu/>

OFFICE OF INTERNATIONAL AFFAIRS - STUDY ABROAD

<http://oia.osu.edu/study-abroad.html>

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

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THE UNDERGRADUATE RESEARCH OFFICE

<http://www.undergraduateresearch.osu.edu/>

UNIVERSITY LIBRARIES - RESEARCH COMMONS

<http://library.osu.edu/researchcommons/>

ORAL PRESENTATIONS

| | SESSION I 8:30AM - 10:00AM | SESSION II 10:15AM - 11:45AM | SESSION III 1:15PM - 2:45PM |
|---------------------------|---|--|---|
| BARBIE TOOTLE | Narmada Paul Matthew Fullen & Sean Gorby Sean Gorby & Matthew Fullen Hillary Tindall | Kyle Bartholomew Rachel Brown Micah Gerhardt | Umar Abdullah Juhyun Do Carolyn Kaplan Ruilan Zhao |
| SUZANNE M. SCHARER | Mine Dogucu Joshua Garner & Gleides Lopes Rizzi Gleides Lopes Rizzi John Schaefer & Gleides Lopes Rizzi | Mengyi Chen, & EunJeong Park & Yanan Zhao Cynthia Lin Shiao-Chen Tsai Yanty Wirza | Ruri Famelia Min Young Kim Kristy McCray Elizabeth Palmer |
| HAYES CAPE | Lauren Bailes Sheng-Lun Cheng Lin Lu & Zhiru Sun Zhiru Sun | Barbara Boyd Emma Hooper Seulki Ku Qiong Wu | Kathleen Farrand Leiah Groom Brooke Harris Garad Ashley Patterson |
| ROSA M. AILABOUNI | Mariah Barber & DeLayna Green Kelly Lash Mary Sawyer Menglin Xu | Michael Fraina Valerie Heiss Yilin Li & Xiuye Xie Megan Parietti | Eileen Buescher Moonsun Choi Kimberly Murphy Larkin Weyand |
| TANYA R. RUTNER | Xiangquan Yao, Ali Fleming & Jenna Tague Maretha Dellarosa Dinglei Huang Theodoto Ressa | Eun-Sol Her David DiSilvestro Catherine Saenz Tingting Zhang | Ali Fleming & Kimberly Groshong Katherine Mollohan Amanda Roble Vinta Tiarani |

POSTER PRESENTATIONS

CARTOON ROOM

EACH STUDENT PRESENTER HAS BEEN ASSIGNED A NUMBER TO INDICATE THEIR POSTER GRID LOCATION

SESSION II

10:15AM - 11:45AM

Brittany Collier-Gibson (1)
 Quinn Bailey (3)
 Jasmin Carmona (5)
 Jing Chen (7)
 Cheuk Hee Cheung (9)
 Mine Dogucu & Susie Mauck (11)
 Kristin Farley (13)
 Marissa Green (15)
 Seung Yon Ha (17)
 Justin Haegele (19)
 Trevion Henderson (21)
 Michael Kranak (23)
 Colin McGinnis (25)
 Edward Page (27)
 Diana Purwaningrum (29)
 Catherine Rogers (31)
 Tara Strang (33)
 Kim Tran (35)
 Emi Tsuda (37)
 Martreece Watson (39)
 Menglin Xu (40)
 Ziwei Xu & Marnie Shapiro (41)

SESSION III

1:15PM - 2:45PM

Jee Ahe Ahn (2)
 Taylor Banh (4)
 Bradley Cotten (6)
 Jessica Dicke (8)
 Katherine Gressel (10)
 Eun-Sol Her (12)
 Laura Hopkins (14)
 Richard LaFountain (16)
 Jiakang Li (18)
 Sarah Lightner (20)
 Can Lu & Tingting Zhang (22)
 Elly Maras (24)
 James Morton (26)
 Andrea Murphy (28)
 Hanna Paulose (30)
 Sujata Ponappa (32)
 Sarah Puchala (34)
 Lauren Wargelin & McKenzie Mallen (36)
 Xiangquan Yao & Ali Fleming (38)

2015 KEYNOTE PANEL

KAREN STANSBERRY BEARD



**ASSISTANT PROFESSOR OF EDUCATIONAL
ADMINISTRATION
DEPARTMENT OF EDUCATIONAL STUDIES**

Karen Stansberry Beard is an assistant professor in Educational Administration, Department of Educational Studies. She has a MA and PhD in educational administration both from Ohio State University. Her research focuses on educational administration and leadership development with the intentional exploration of positive psychology and related constructs (flow and academic optimism) in educational administration. She explores the impact of positive psychology on teaching and learning, as well as the implementation of policy supportive of cross cultural understanding and reducing gaps in achievement. African American student achievement and civil rights legislation are central to her interests. As a parent, former teacher and principal, she pursues “best practices” and predictors of effective organizational leadership and conditions which support teacher and student well-being.

THEODORE CHAO

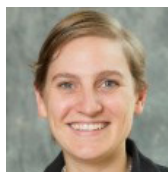


**ASSISTANT PROFESSOR OF MATHEMATICS
EDUCATION
DEPARTMENT OF TEACHING AND LEARNING**

Theodore Chao is an assistant professor of mathematics education in Teaching and Learning’s Science, Technology, Engineering and Mathematics (STEM) program. He recently finished a postdoctoral research fellowship at the Harvard Graduate School of Education. He earned his PhD in mathematics education at The University of Texas. He holds a master’s degree in education from St. John’s University, a bachelor of science degree in computer science engineering from Johns Hopkins University, and a bachelor of arts degree in film and media studies also from Johns Hopkins University. He taught 7th and 8th grade mathematics at I.S. 318 in Brooklyn, NY. His research focuses on the use of photographs and video to open up spaces for mathematical discussion, storytelling and reflection. All of his work revolves around critical pedagogy and equity through mathematics.

Panelists will answer questions from EHE students about their experiences as undergraduate and graduate students that led them to their present roles as researcher, educator, and administrator and the choices they made along the way.

JESSICA LOGAN



SENIOR RESEARCHER CRANE CENTER FOR EARLY CHILDHOOD DEVELOPMENT

Jessica Logan is a Senior Researcher serving as the methodologist and statistician for the Crane Center for Early Childhood Research and Policy (CCEC). She has a Master's degree in research psychology from the University of Tennessee at Chattanooga, and a PhD in developmental psychology from Florida State University. Her research focuses on finding creative methodological and statistical ways to address applied questions concerning children's academic and cognitive skills, especially the growth and development of those skills. She believes that statistics are an investigative and storytelling tool and tries to help researchers find and use the right statistical tool for their research questions. Her expertise includes experimental design, random effects or hierarchical linear modeling, behavior genetics modeling, structural equation modeling, growth modeling, and quantile regression.

CARL MARESH



PROFESSOR OF KINESIOLOGY CHAIR DEPARTMENT OF HUMAN SCIENCES

Carl Maresh, chair of the Department of Human Sciences, is a widely acknowledged world leader in exercise science research. He received his bachelor's (physical education) and master's (exercise science) degrees from California State University, Fullerton and his PhD in Zoology and Physiology from the University of Wyoming. His research has influenced the way people view the importance of exercise across the lifespan, including the efficacy of structured exercise in clinically compromised cardiac patients. His research on physiological responses to different environmental stressors, and on optimum methods of hydration, has greatly increased our knowledge of how the human body manages such challenges. His research also has wide applications to injury and disease prevention and performance enhancement in both neutral and extreme environments.

ORAL PRESENTATIONS

SESSION I: 8:30AM – 10:00AM

ROOM: BARBIE TOOTLE

NARMADA PAUL

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EDUCATIONAL STUDIES, EDUCATIONAL
PSYCHOLOGY AND PHILOSOPHY
TZU-JUNG LIN, ADVISOR

IMPACT OF AN ONLINE DISCUSSION FORUM ON STUDENTS' SATISFACTION OF BASIC PSYCHOLOGICAL NEEDS AND PERCEIVED USEFULNESS OF ONLINE DISCUSSION

This study will use a pretest-posttest research design to observe the effects of students' participation in an online discussion activity supplementing a face-to-face instruction based course. Satisfaction of basic psychological needs (autonomy, competence, relatedness) and perception of the educational usefulness of an online discussion will be investigated.

MATTHEW FULLEN & SEAN GORBY

FULLEN.33S@OSU.EDU, GORBY.45@OSU.EDU

EDUCATIONAL STUDIES, COUNSELOR EDUCATION
DARCY GRANELLO, ADVISOR

AGING WELL: RESILIENCE AND WELLNESS IN AGING

The Aging Well study consists of a ten-week psychoeducational curriculum that emphasizes the importance of resilience across multiple domains of personhood with aging adults in a central Ohio adult day center. Participants' levels of perceived resilience, self-efficacy, and wellness are assessed using mixed methods in this action research study.

SEAN GORBY & MATTHEW FULLEN

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EDUCATIONAL STUDIES, COUNSELOR EDUCATION

DARCY GRANELLO, ADVISOR

UNDERSTANDING MEANING AND PURPOSE IN AGING ADULTS

This study will look at how aging adults create purpose and meaning in life. The narratives of aging adults attending an adult day center in central Ohio will be explored through qualitative research to identify sources, contexts, and constructs that provide the individual life purpose and meaning.

HILLARY TINDALL

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EDUCATIONAL STUDIES, EDUCATIONAL

PSYCHOLOGY AND PHILOSOPHY

ERIC ANDERMAN, ADVISOR

TRANSITION TO MIDDLE SCHOOL, SCHOOL CULTURE, AND DISCIPLINE HISTORY: AN EXPLORATORY STUDY

Originating from a larger study that investigated middle school transition and possible factors related to later high school dropouts, this in-progress exploratory study examines the relation between 6th graders' discipline history and variables related to perception of school culture.

ORAL PRESENTATIONS

SESSION I: 8:30AM – 10:00AM

ROOM: SUZANNE M. SCHARER

MINE DOGUCU

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EDUCATIONAL STUDIES, QUANTITATIVE RESEARCH,
EVALUATION, AND MEASUREMENT

RICHARD LOMAX, ADVISOR

AN INVESTIGATION OF EXPLORATORY FACTOR ANALYSIS PRACTICES IN THE SOCIAL SCIENCES

A library search for social science studies that use factor analysis was conducted. Data regarding adaptation of factor analysis as well as reporting of factor analysis procedures were collected. This talk intends to summarize the method and provide preliminary findings of the study.

JOSHUA GARNER & GLEIDES LOPES RIZZI

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EDUCATIONAL STUDIES, SPECIAL EDUCATION

RALPH GARDNER, ADVISOR

UNDERSTANDING SINGLE SUBJECT DESIGN METHODS IN BASIC AND APPLIED SETTINGS

Single Subject Design (SSD) is an experimental design that utilizes baseline logic as experimental reasoning to demonstrate the effects of the independent variable on the dependent variable. In SSD, repeated measures allow the individual to be his own control and uses direct measurements of the living organism's activity as its unit of analysis.

GLEIDES LOPES RIZZI

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EDUCATIONAL STUDIES, SPECIAL EDUCATION

RALPH GARDNER, ADVISOR

TEACHING THIRD GRADERS AT-RISK AND/OR WITH MILD DISABILITIES SELF-QUESTIONING STRATEGIES USING PROMPT- FADING: A PATHWAY TO READING COMPREHENSION

Self-questioning with fading prompts is examined as a way to support 3rd graders in comprehending expository text. The development of metacognitive (e.g., monitor understanding of text) and inferential comprehension skills does not develop naturally. We propose to examine the effectiveness of explicitly instructing 3rd graders to self-question.

JOHN SCHAEFER & GLEIDES LOPES RIZZI

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EDUCATIONAL STUDIES, SPECIAL EDUCATION

HELEN MALONE, RALPH GARDNER, ADVISORS

VIOLENCE AGAINST SPECIAL EDUCATION TEACHERS

Violence in schools that is directed against teachers has significant consequences for teachers, students, families, and communities. The American Psychological Association commissioned a task force to study this issue. The purpose of this study was to analyze data from the sample of special education teachers collected by that task force.

ORAL PRESENTATIONS

SESSION I: 8:30AM – 10:00AM

ROOM: HAYES CAPE

LAUREN BAILES

BAILES.11@OSU.EDU

EDUCATIONAL STUDIES, EDUCATIONAL ADMINISTRATION
ANN ALLEN, ADVISOR

POLITICAL EFFICACY OF PARENTS: INVESTIGATING DIFFERENCES ATTRIBUTABLE TO GOVERNANCE STRUCTURES

Educational policy increasingly focuses on parental empowerment and the individual rights of parents and students. This study attempts to better understand the nature of political efficacy among parents in traditional district schools and choice schools and whether one model fosters or obstructs the political will of parents more than the other.

SHENG-LUN CHENG

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EDUCATIONAL STUDIES, EDUCATIONAL TECHNOLOGY
KUI XIE, ADVISOR

EVALUATING THE IMPACT OF EDUCATIONAL TECHNOLOGY PROFESSIONAL DEVELOPMENT ON TEACHERS' KNOWLEGE, MOTIVATION, AND SELF-EFFICACY

The purpose of this research study is to conduct an analysis of existing data from a technology professional development experience. Specifically, the study intends to determine the effects of the PD on teachers' knowledge and self-efficacy of technology integration, e-content evaluation, and instructional design as well as engagement from the training.

LIN LU & ZHIRU SUN

LU.962@OSU.EDU, SUN.272@OSU.EDU

EDUCATIONAL STUDIES, EDUCATIONAL TECHNOLOGY

KUI XIE, ADVISOR

THE ROLE OF TIME, ENGAGEMENT, AND SELF-PERCEIVED LEADERSHIP ON PEER-NOMINATED EMERGENT LEADERSHIP IN SMALL GROUP ONLINE COLLABORATIVE LEARNING

The study investigated the effects of time, engagement, and self-perceived leadership on peer-nominated leadership in online collaborative activities. Results indicated that peer-perceived emergent leadership requires individuals' active engagement, self-perception of their leadership role as well as the development of leadership over time.

ZHIRU SUN

SUN.272@OSU.EDU

EDUCATIONAL STUDIES, EDUCATIONAL TECHNOLOGY

KUI XIE, ADVISOR

NEED THE WILL AND THE SKILL TO SUCCEED IN A FLIPPED CLASS

This study aims to examine the effects of students' self-efficacy and choices of learning strategies in a flipped classroom environment. The findings of this research will provide guidance for students' success in future flipped classes and help instructors design an effective flipped class.

ORAL PRESENTATIONS

SESSION I: 8:30AM – 10:00AM

ROOM: ROSA M. AILABOUNI

MARIAH BARBER & DELAYNA GREEN

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EDUCATIONAL STUDIES, SPECIAL EDUCATION
MOIRA KONRAD, ADVISOR

THE EFFECT OF USING COMPUTER SOFTWARE AND RESPONSIVE READING INSTRUCTION (RRI) ON AT-RISK FIRST GRADE URBAN LEARNERS' ORAL READING FLUENCY

The results of two ongoing studies that are observing oral reading fluency and the effects of computer-designed software, which delivers semi-independent repeated reading intervention to students at first grade urban elementary schools, and have been selected as at-risk for reading failure will be shared.

KELLY LASH

LASH.57@OSU.EDU

EDUCATIONAL STUDIES, SCHOOL PSYCHOLOGY
ANTOINETTE MIRANDA, ADVISOR

LETTER RECOGNITION INTERVENTION IN AN URBAN SETTING: A TWIN STUDY

Twin girls in an urban school underwent simultaneous letter recognition and letter-sound correspondence interventions during the first semester of their first grade year. One student was given an Incremental Rehearsal intervention and the other was given Drill Sandwich intervention. Results and implications of instructional format are discussed.

MARY SAWYER

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EDUCATIONAL STUDIES, SPECIAL EDUCATION

SHEILA MORGAN, ADVISOR

COACHING NOVICE SPECIAL EDUCATORS TO ENGAGE IN EVIDENCE-BASED PRACTICE

Evidence-based practice in education is a recursive problem-solving framework special educators can use to address student performance. The current study used a multiple baseline design across teachers to evaluate coaching special education student teachers to engage in evidence-based practice. Results and implications will be discussed.

MENGLIN XU

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EDUCATIONAL STUDIES, QUANTITATIVE RESEARCH,

EVALUATION, AND MEASUREMENT

JEROME D'AGOSTINO, ADVISOR

AN EXPLORATION OF U.S. STUDENTS' MATH ACHIEVEMENT GROWTH USING LATENT GROWTH MODELING

This study aims to explore the growth trajectories of math achievement among U.S. students, and identify the factors influencing the initial level and growth rate of math scores. Data and samples were drawn from a series of national surveys (NELS 88). A latent growth curve model was established.

ORAL PRESENTATIONS

SESSION I: 8:30AM – 10:00AM

ROOM: TANYA R. RUTNER

XIANGQUAN YAO, ALI FLEMING & JENNA TAGUE

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TEACHING AND LEARNING, STEM

PATRICIA BROSNAN & AZITA MANOUCHEHRI, ADVISORS

PARCC: WHAT IS ASSESSED IN GRADES 4-6?

This study evaluated 850 items on released achievement tests from six different states in an attempt to compare the content and competencies measured on these exams with those on released PARCC practice tests. Analysis of items for grades 4, 5, and 6 indicated some differences among the tests in content, form, and the knowledge they elicit from children.

MARETHA DELLAROSA

DELLAROSA.1@OSU.EDU

TEACHING AND LEARNING, RETHINKING EARLY

CHILDHOOD AND ELEMENTARY EDUCATION

LAURIE KATZ, ADVISOR

LEARNING MATHEMATICS: IMPLEMENTING INTERTWINEMENT ON THE CONCEPTS OF ACCUMULATING AND MEASURING LENGTH

The purpose of this research was to investigate the impact of local instructional theory for fourth grade Indonesian students that were taught the concepts of accumulating and measuring length through activities that intertwined the two concepts.

DINGLEI HUANG

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TEACHING AND LEARNING, STEM

AZITA MANOUCHEHRI, ADVISOR

STUDENTS' REASONING ABOUT THE RELATIONSHIP AMONG THREE MEASURES OF CENTER

This study examines students' relational reasoning regarding the three measures of central tendency. Using mixed methods, responses from 138 students were analyzed on two problems of measures of center. Results show students were more likely to reason about mean and mode, but had limited view of data distribution.

THEODOTO RESSA

RESSA.6@OSU.EDU

TEACHING AND LEARNING, MULTICULTURAL AND EQUITY

STUDIES IN EDUCATION

LAURIE KATZ, ADVISOR

THE PATH TO COLLEGE: NARRATIVE EXPERIENCES OF STUDENTS WITH DISABILITIES

Federal disability laws have led to increased school enrollment of children with special needs. Yet their transition to college remains low in comparison to peers without disabilities. Initial study findings indicate that participants use various strategies to navigate K-12 school systems as well as transition to college/university, including self-advocacy, development of positive thinking, and creating and nurturing close bonds with significant people.

ORAL PRESENTATIONS

SESSION 2: 10:15 - 11:45AM

ROOM: BARBIE TOOTLE

KYLE BARTHOLOMEW

BARTHOLOMEW.123@OSU.EDU

HUMAN SCIENCES, HUMAN DEVELOPMENT AND
FAMILY SCIENCE

CLAIRE KAMP DUSH, ADVISOR

DOES DIVORCE IMPACT YOUR SEX LIFE? UNDERSTANDING ASSOCIATIONS AMONG DIVORCE, SEXUALITY, AND RELATIONSHIP QUALITY

Previous research on divorcees' sexuality has been qualitative and focused on females. Differences in sexual frequency/desire were examined by relationship types and how they relate to relationship quality. Results suggest divorcees report high sexual frequency/desire and that sexual desire is important to divorcees' relationship satisfaction.

RACHEL BROWN

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HUMAN SCIENCES, HUMAN DEVELOPMENT AND
FAMILY SCIENCE

CLAIRE KAMP DUSH, ADVISOR

**PREDICTORS AND CONSEQUENCES OF MET AND UNMET
MARITAL TIMING DESIRES**

This study examined predictors of adolescent and emerging adult desires for age at first marriage, predictors of met and unmet desires over more than thirty years, and the association between unmet desires and probability of divorce using data from the National Longitudinal Survey of Youth 1979 cohort.

MICAH GERHARDT

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HUMAN SCIENCES, HUMAN DEVELOPMENT AND
FAMILY SCIENCE

XIN FENG, ADVISOR

**DO FATHERS MATTER? A STUDY OF FATHERS' EMOTION
SOCIALIZATION AND CHILDREN'S EMOTION REGULATION**

This novel naturalistic study of 43 families utilized electronic activated recorder technology to examine the effects of father emotion coaching on children's acquisition of emotion regulation skills. Results demonstrate that fathers can positively influence children's emotional development between the ages of 3-3.5.

ORAL PRESENTATIONS

SESSION 2: 10:15 - 11:45AM

ROOM: SUZANNE M. SCHARER

MENGYI CHEN, EUNJEONG PARK & YANAN ZHAO

CHEN.3969@OSU.EDU, PARK.1752@OSU.EDU, ZHAO.1070@OSU.EDU

TEACHING AND LEARNING, FOREIGN, SECOND, & MULTILINGUAL LANGUAGE EDUCATION
ALAN HIRVELA & YOUNGJOO YI, ADVISORS

DOUBLE-EDGED SWORD: OPPORTUNITIES AND CHALLENGES OF ENGLISH PUBLICATION AMONG NON-NATIVE SPEAKERS OF ENGLISH (NNES) SCHOLARS

The purpose of the study is to investigate two perspectives of publishing issues – one from journals and one from NNES scholars. Journals will be explored by utilizing a textual analysis and NNES scholars’ perceptions toward publishing in English-medium journals will be learned by conducting survey research.

CYNTHIA LIN

LIN.1013@OSU.EDU

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

REDEFINING SEMIOTICS IN RELATION TO BALLET AND LANGUAGE LEARNING

Ballet is a structured “language” particularly because its French technical terms connote meanings to construct the language system. This study presents an ethnography to explore the semiotics effects found in ballet teachers’ verbal and nonverbal pedagogies and the extent of the implication to language teaching and learning.

SHIAO-CHEN TSAI

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

ALAN HIRVELA, ADVISOR

HOW INTERNATIONAL STUDENTS DEVELOP THEIR ACADEMIC LISTENING AND NOTE-TAKING SKILLS: FROM TOEFL TEST PREPARATION TO ACTUAL CLASSROOM LEARNING

This qualitative research study will follow the same international students from TOEFL test preparation stage until their first semester in different degree programs in the U.S. to explore how they may improve their note-taking and listening skills. Findings from the pilot study will be shared.

YANTY WIRZA

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

KEIKO SAMIMY, ADVISOR

GLOBAL EVENTS AND EFL (ENGLISH AS A FOREIGN LANGUAGE) LEARNERS: NARRATIVES FROM THREE INDONESIAN ENGLISH LEARNERS

This study examined how regional and global events affected three Indonesian English language learners' life trajectories. Employing narrative inquiry as the research method for studying lived experiences, this study takes the perspectives that language learning is life-long and life-wide process. EFL learners' personal accounts matter.

ORAL PRESENTATIONS

SESSION 2: 10:15 - 11:45AM

ROOM: HAYES CAPE

BARBARA BOYD

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HUMAN SCIENCES, HUMAN DEVELOPMENT AND
FAMILY SCIENCE

XIN FENG, ADVISOR

PREDICTIVE UTILITY OF EARLY WARNING INDICATORS IN EDUCATION

Failure in the ninth grade often leads to dropping out of high school. Reports have shown first-time freshman that were not promoted to the tenth grade on time had a dropout rate between 60% and 80%. The predictive utility of early warning indicators versus the continuous predictors that are typically used was studied.

EMMA HOOPER

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HUMAN SCIENCES, HUMAN DEVELOPMENT AND
FAMILY SCIENCE

XIN FENG, ADVISOR

MATERNAL EMOTION SOCIALIZATION AND CHILD OUTCOMES: THE MODERATING ROLE OF RACE

Mothers significantly influence child emotion socialization; however, little attention has been paid to how cultural differences in race may influence children's responses to maternal emotion socialization practices. This study includes race as a moderator when considering the maternal impact on child emotion-related outcomes one year later.

SEULKI KU

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HUMAN SCIENCES, HUMAN DEVELOPMENT AND
FAMILY SCIENCE

XIN FENG, ADVISOR

**EXECUTIVE FUNCTION IN EARLY CHILDHOOD: THE
ASSOCIATION WITH MATERNAL PSYCHOLOGICAL HEALTH
AND CHILD EMOTIONALITY**

This study examined the moderating role of children's positive and negative emotionality in the association between maternal psychological health (depressive symptoms and anxiety) and child executive function (EF). The results indicate that maternal anxiety is related to deficits in EF only when a child showed a low level of positive emotionality.

QIONG WU

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HUMAN SCIENCES, HUMAN DEVELOPMENT AND
FAMILY SCIENCE

XIN FENG, ADVISOR

**ENVIRONMENTAL AND INDIVIDUAL FACTORS ASSOCIATED
WITH CHILD EMOTION REGULATION**

This study investigated children's ability to regulate emotion under influence of both environmental (maternal socialization and depression) and individual factors (child emotionality). Results indicated that it is not one single environmental or individual factor but the interplay between both that is crucial to child emotion regulation capacity.

ORAL PRESENTATIONS

SESSION 2: 10:15 - 11:45AM

ROOM: ROSA M. AILABOUNI

MICHAEL FRAINA

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HUMAN SCIENCES, KINESIOLOGY

DONNA PASTORE, ADVISOR

THE INFLUENCE OF SOCIALIZATION ON INTRINSIC MOTIVATION OF YOUTH ATHLETES

The intention of this study is to examine the influence of socialization agents (i.e., parents, peers, coaches, mentors) toward a youth athlete's development of intrinsic motivation. This four-part study will individually measure the influence of these four socialization agents toward individuals' levels of autonomy, competence and relatedness.

VALERIE HEISS

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HUMAN SCIENCES, KINESIOLOGY

RICK PETOSA, ADVISOR

SOCIAL COGNITIVE THEORY CORRELATES OF MODERATE INTENSITY EXERCISE AMONG ADULTS WITH TYPE 2 DIABETES

The purpose of this study was to determine the psychosocial correlates of exercise in adults with type 2 diabetes. 181 adults completed an online survey. A set of Social Cognitive Theory variables explained 42.4% of the variability in moderate intensity exercise.

YILIN LI & XIUYE XIE

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HUMAN SCIENCES, KINESIOLOGY

WEIDONG LI, ADVISOR

**MEASURING PERCEPTIONS OF CARING AND ITS
RELATIONSHIP TO MOTIVATIONAL RESPONSES IN
PHYSICAL EDUCATION AMONG SECONDARY STUDENTS**

The purpose of this study was to develop and validate a context specific measurement of perceptions of caring in physical education and examine how secondary students responded in physical education courses.

MEGAN PARIETTI

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HUMAN SCIENCES, KINESIOLOGY

DONNA PASTORE, ADVISOR

**PARENTAL INFLUENCE ON STUDENT-ATHLETES'
ACADEMIC AND ATHLETIC BEHAVIORS**

This presentation explores the topic of how parents influence their children once they are collegiate student-athletes. Specifically, how the parents impact their child's athletic and academic behaviors. Initial data from an in-progress study are discussed.

ORAL PRESENTATIONS

SESSION 2: 10:15 - 11:45AM

ROOM: TANYA R. RUTNER

EUN-SOL HER

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HUMAN SCIENCES, CONSUMER SCIENCES

SOOBIN SEO, ADVISOR

WHEN THE HEALTH HALO EFFECT BECOMES STRONGER: THE ROLE OF INTERNAL AND EXTERNAL CUES

Researchers have identified a health halo effect that explains why people unintentionally overeat when they perceive the food as healthy. This study examines the internal and external cues strengthening the health halo effect in a restaurant context by considering willingness to order desserts when provided with healthy or unhealthy entrees.

DAVID DISILVESTRO

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HUMAN SCIENCES, HUMAN NUTRITION

OULIANA ZIOUZENKOVA, ADVISOR

THE EFFECT OF THERMOGENIC CAPSULES ON MICE FED A HIGH FAT DIET

This study shows the efficacy of encapsulated thermocytes in increasing thermogenesis and attenuating weight gain induced by a high-fat diet.

CATHERINE SAENZ

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HUMAN SCIENCES, KINESIOLOGY

JEFF VOLEK, ADVISOR

RESTING AND EXERCISE-INDUCED TESTOSTERONE RESPONSES IN HIGH-LEVEL ULTRA-MARATHON RUNNERS HABITUALLY CONSUMING LOW-CARBOHYDRATE AND HIGH CARBOHYDRATE DIETS

Low testosterone (T) is associated with lower muscle mass and bone mineral density. Ultra-marathoners are prone to training-induced hypogonadism but it is unknown if diet manipulation can mitigate this phenomenon. Resting and exercise-induced T in high-level ultra-marathoners were studied in athletes consuming low carb versus high-carb diets.

TINGTING ZHANG

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HUMAN SCIENCES, CONSUMER SCIENCES

JAY KANDAMPULLY, ADVISOR

GENERATIONAL DIFFERENCES ON CONSUMERS' COMPLAINT BEHAVIORS AND POST RECOVERY RESPONSES

This research employed a longitudinal method to identify the generational differences of consumers on their complaint behaviors and post recovery responses.

ORAL PRESENTATIONS

SESSION 3: 1:15 – 2:45PM

ROOM: BARBIE TOOTLE

UMAR ABDULLAH

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

TEACHER CERTIFICATION IN INDONESIA: ENGLISH- LANGUAGE TEACHERS' MOTIVES AND CHALLENGES

Part of a larger mixed-method research project, this study looked specifically at motives and challenges of six high school English-language teachers, who pursued the 2013 teacher professional training, known as PLPG, at a public university in Palembang, Indonesia.

JUHYUN DO

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

“TEACH KOREA, LEARN KOREA”: EXPLORING NATIVE ENGLISH SPEAKING TEACHERS' EXPERIENCES AS NOVICE LANGUAGE TEACHERS IN KOREA

This paper reports on five case studies of Native English Speaking (NES) teachers in English Program in Korea (EPIK) as they experienced local Korean educational communities and larger Korean society for one or two years. The rich accounts of participants show NES teachers' experiences in Korean educational contexts vary substantially.

CAROLYN KAPLAN

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

THE INFLUENCE OF FOREIGN LANGUAGE TEACHERS' COGNITIONS ON CLASSROOM-BASED ASSESSMENT PRACTICES

Research has acknowledged a need for increased study of foreign language teachers' thinking and practices related to student assessment. This multiple case study examines how four high school teachers' cognitions (i.e., what they think, know, and believe) about student assessment, affect their classroom-based assessment practices.

RUILAN ZHAO

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

LEARNING TO TEACH SOURCE-BASED WRITING: A QUALITATIVE CASE STUDY OF A NOVICE SECOND LANGUAGE (L2) WRITING TEACHER

This case study examined an early-career second language writing teacher's understanding of and pedagogical practices related to source-based writing using qualitative data, including course-related documents, classroom field notes, and interviews, collected in a university composition course for multilingual students.

ORAL PRESENTATIONS

SESSION 3: 1:15 – 2:45PM

ROOM: SUZANNE M. SCHARER

RURI FAMELIA

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HUMAN SCIENCES, KINESIOLOGY
JACQUELINE GOODWAY, ADVISOR

THE INFLUENCE OF A SKIP INTERVENTION ON THE MOTOR COMPETENCE AND PERCEIVED MOTOR COMPETENCE OF INDONESIA PRESCHOOL CHILDREN

The purpose of this proposed research study is to develop an evidence-based physical activity intervention for young Indonesian children.

MIN YOUNG KIM

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TEACHING AND LEARNING, LANGUAGE, EDUCATION,
AND SOCIETY
DAVID BLOOME, ADVISOR

DIALOGIC CONSTRUCTION OF ARGUMENTATIVE LITERACY: A METHODOLOGY FOR THE DISCOURSE ANALYSIS OF TEXT-BASED DISCUSSIONS

Based on sociocultural theories of language, interactional sociolinguistics, and their application to discourse analysis, the purpose of this study is to problematize the assumption that the argumentation constructed in classrooms is monolithic and investigate how different argumentative literacies are constructed in two 5th-grade classrooms.

KRISTY MCCRAY

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HUMAN SCIENCES, KINESIOLOGY

DONNA PASTORE, ADVISOR

AN EXPLORATION OF KNOWLEDGE OF AND ATTITUDES ABOUT SEXUAL ASSAULT OCCURRENCE AND PREVENTION AMONG FORMER INTERCOLLEGIATE STUDENT-ATHLETES

This study explores how former intercollegiate student-athletes understand sexual assault, including their perceptions of athletic department response to occurrence and prevention. The results of this research are critical in filling a gap in the literature, particularly at a time when sexual assault affects in 1 in 5 college age women.

ELIZABETH PALMER

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HUMAN SCIENCES, HUMAN DEVELOPMENT AND

FAMILY SCIENCE

KEELEY PRATT, ADVISOR

COUPLE AND FAMILY THERAPISTS' VIEWS ON A WEIGHT AND BODY AWARENESS CURRICULUM AND WEIGHT-BIAS

This study explored Couple and Family Therapy (CFT) students' views on a weight and body awareness curriculum and students' explicit weight-bias using a mixed methods approach. Results indicated that the curriculum should be incorporated into CFT coursework and that weight-bias in CFTs was similar to other healthcare fields.

ORAL PRESENTATIONS

SESSION 3: 1:15 – 2:45PM

ROOM: HAYES CAPE

KATHLEEN FARRAND

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TEACHING AND LEARNING, LANGUAGE, EDUCATION,
AND SOCIETY

TIFFANY WILD, ADVISOR

INCLUSION ALONG A CONTINUUM OF SETTINGS: DISCOVERING THE POSSIBILITIES WHEN USING DRAMATIC INQUIRY FOR LITERACY LEARNING

Preliminary findings in a classroom along the continuum of educational placements with a teacher committed to collaborative and dramatic inquiry-based pedagogy are discussed. Critical ethnographic methods were used. The findings from the data are discussed using the researcher's definition of inclusion.

LEIAH GROOM

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

SHAYNE PIASTA, ADVISOR

DO PRESCHOOLERS' CLASSROOM LANGUAGE EXPERIENCES PREDICT CONCURRENT AND LATER VOCABULARY AND COMPREHENSION SKILLS?

This study builds upon an existing literature to show relations between preschool vocabulary exposure and concurrent and potential reading abilities using the LARRC Study 1 data. Specifically, classroom observation data and longitudinal child direct assessment data from the preschool cohort (through grade 1) will be used.

BROOKE HARRIS GARAD

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TEACHING AND LEARNING, GLOBAL EDUCATION

VALERIE KINLOCH, ADVISOR

FIELD NOTES FROM DJIBOUTI: CRITICAL REFLECTIONS AT THE INTERSECTIONS OF A RESEARCHER'S IDENTITY

The author will share critical reflections from field notes taken during fieldwork in Djibouti in order to address the concept of insider-outsider research and explore the role of rigorous reflexivity in international education research. The author draws from indigenous epistemologies and black feminist theory to discuss research methodologies.

ASHLEY PATTERSON

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TEACHING AND LEARNING, MULTICULTURAL AND EQUITY

STUDIES IN EDUCATION

CYNTHIA A. TYSON, ADVISOR

“IT’S JUST SO, LIKE, I DON’T KNOW”: A THEMATIC ANALYSIS OF EXPERIENCES OF BIRACIALITY

This oral presentation discusses a specific methodological strain of a larger dissertation study considering the educationally-based experiences of individuals with one Black and one White parent. The presenter outlines the manner in which a thematic analysis was put to use and considers the benefits achieved by using this approach.

ORAL PRESENTATIONS

SESSION 3: 1:15 – 2:45PM

ROOM: ROSA M. AILABOUNI

EILEEN BUESCHER

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TEACHING AND LEARNING, ADOLESCENT, POST-SECONDARY, & COMMUNITY LITERACIES
GEORGE NEWELL, ADVISOR

USING LITERARY THEORY IN TEACHER EDUCATION: UNDERSTANDING ITS ROLE IN SHAPING STUDENTS' NOTIONS OF TEACHING

This in-progress research study investigates the teaching and learning of literary theory in a university Introduction to Children's Literature course. It examines pre-service teachers' perceptions of the use of critical theory in the course in terms of its purpose, usefulness, and applicability to their future roles as teachers of literature.

MOONSUN CHOI

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TEACHING AND LEARNING, SOCIAL STUDIES AND GLOBAL EDUCATION/MULTICULTURAL STUDIES
DEAN CRISTOL, ADVISOR

CORE COMPONENTS OF DIGITAL CITIZENSHIP: IMPLICATIONS FOR EDUCATION

This study aims to reconstruct the notion of digital citizenship through a concept analysis and to provide a deeper understanding of digital citizenship. Concept analysis was used to identify categories/elements that might comprise a cohesive, well-defined concept of digital citizenship, taking into account how they have changed over the last decade.

KIMBERLY MURPHY

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

LAURA JUSTICE, ADVISOR

PREDICTING FIRST GRADE READING FROM PROFILES OF LEXICAL QUALITY IN PRESCHOOL

This study examines profiles of lexical quality indicators in preschool children and evaluates how membership in these profiles predicts listening comprehension, word reading, and reading comprehension in first grade. Implications are discussed for early identification of children at risk for reading difficulties.

LARKIN WEYAND

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

GEORGE NEWELL, ADVISOR

DEAD DOGS AND DEAD GRANDMOTHERS: MAKING MEANING BY EMPHASIZING AGENCY IN A WRITER'S WORKSHOP AT AN EXPERIENTIAL HIGH SCHOOL

This study examines how participants in an experiential education experience called Walkabout work together to create a class book representing their experiences. Analysis of a workshop conversation reveals tensions regarding what is tellable. The teacher uses patience and ventriloquism to move the conversation from cheerleading to making meaning

ORAL PRESENTATIONS

SESSION 3: 1:15 – 2:45PM

ROOM: TANYA R. RUTNER

ALI FLEMING & KIMBERLY GROSHONG

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TEACHING AND LEARNING, STEM

PATRICIA BROSNAN, AZITA MANOUCHEHRI, ADVISORS

HOW TEACHERS UNDERSTAND MATHEMATICAL PRACTICES

The Common Core State Standards for Mathematics (CCSSM) are being implemented in K-12 schools across the United States. The CCSSM outline eight Standards for Mathematical Practice that focus on the development of mathematical dispositions by children. This study investigated mathematics teachers' understanding of four of these standards.

KATHERINE MOLLOHAN

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TEACHING AND LEARNING, STEM

LIN DING, ADVISOR

EPISTEMOLOGIES IN AN INTERMEDIATE LEVEL BIOLOGY COURSE

This study investigates student attitudes and beliefs about biology and learning biology in an intermediate-level majors' course. Survey results (n=102) indicate that student epistemologies improved over the course of a semester, and qualitative interviews (n=15) indicate that students see several factors as related to their learning in biology.

AMANDA ROBLE

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TEACHING AND LEARNING, STEM
PATTI BROSNAN, ADVISOR

SECONDARY MATHEMATICS TEACHERS' FORMATIVE ASSESSMENT PRACTICES SUPPORTED BY TECHNOLOGY

This qualitative case study research considered secondary mathematics teachers' formative assessment practices in classrooms that used TI-Nspire Navigator System to assess student understanding of content. The question types that emerged from classroom observations and teachers' uses of real-time data to inform instruction will be shared.

VINTA TIARANI

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TEACHING AND LEARNING, STEM
KAREN IRVING, ADVISOR

PARADIGM-SHIFT OF TEACHING APPROACH IN CENTRAL JAVA, INDONESIA: AUTO-ETHNOGRAPHY AND PRIMARY SCIENCE CLASSROOMS

This study applied an auto-ethnographic and document analysis research methodology to investigate primary science teaching approaches. There is a serious dearth of research concerning primary science teaching in Central Java, Indonesia, making it particularly important.

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

BRITTANY COLLIER- GIBSON

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EDUCATIONAL STUDIES,
EDUCATIONAL ADMINISTRATION
ERICA BROWNSTEIN, ADVISOR
CO-PLANNING AND CO-
TEACHING IN THE STUDENT
TEACHING INTERNSHIP WITH
HYBRID-DELIVERY TRAININGS
FOR COOPERATING TEACHERS
AND TEACHER CANDIDATES

Demands on teachers and students' needs have increased in the age of accountability and diversity. Co-planning and co-teaching (CPCT) during student teaching is an approach to meet these demands and ensure student learning. The most effective approaches for training

in Co-Planning and Co-Teaching will be investigated.

QUINN BAILEY

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

EXPERIENCE OF ADOLESCENTS PARTICIPATING IN OPERATION: MILITARY KIDS (OMK)

Individual interviews were conducted on 11 military adolescents to answer questions related to family life and experiences with support programs. This research is qualitative and codes for repeating themes. Findings will inform support programs and contribute to literature.

JASMIN CARMONA

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HUMAN SCIENCES,
HUMAN DEVELOPMENT AND
FAMILY SCIENCE
NATASHA SLESNICK, ADVISOR

DATING IN RURAL AMERICA: A COMPARISON OF HIGH SCHOOL AND COLLEGE STUDENTS

This study addressed the paucity of literature on friends with benefits relationships (FWBRs) and sexual risk behaviors among rural high school (HS)

and college youth. Almost half of HS youth reported FWBRs with FWBRs linked to more sexual risk behaviors. Rural youth had similar FWBR rates to urban youth. Clinical implications are provided.

JING CHEN

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EDUCATIONAL STUDIES,
EDUCATIONAL PSYCHOLOGY
AND PHILOSOPHY
TZU-JUNG LIN, ADVISOR
CHARACTER, WORD, AND
READER ATTRIBUTES

CONTRIBUTING TO CONCEPT OF WORD IN CHINESE: MIXED- EFFECTS LOGIT MODELS

This study is designed to examine both words' and students' attributes that contribute to the concept of word and whether the influence of these factors varies by students with different literacy skills.

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HUMAN SCIENCES,
CONSUMER SCIENCES
TANSEL YILMAZER, ADVISOR

WHAT DETERMINES HOUSEHOLDS' RETIREMENT SAVINGS AFTER THE GREAT RECESSION?

Determinants associated with households' retirement funds after the great recession around 2008 are studied using data from the 2010 Survey of Consumer Finances. The amount of retirement funds is found to be positively associated with age, age-squared, income, married households, risk tolerance, and head-of-household's health and level of education.

MINE DOGUCU & SUSIE MAUCK

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EDUCATIONAL STUDIES,
QUANTITATIVE RESEARCH,
EVALUATION, AND MEASUREMENT
RICHARD LOMAX, ADVISOR

THE DEVELOPMENT OF THE BASIC STATISTICAL KNOWLEDGE TEST (BSKT)

The purpose of this study is to develop an instrument that assesses graduate students' knowledge of basic statistical concepts. The instrument is intended to be an advising tool for faculty and a decision tool for students, but it can also be used by instructors to gauge the statistical background of their students.

KRISTIN FARLEY

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TEACHING AND LEARNING,
READING & LITERACY IN EARLY
& MIDDLE CHILDHOOD
SHAYNE PIASTA, ADVISOR
**SMALL-GROUP LANGUAGE
AND LITERACY INSTRUCTION
IN EARLY CHILDHOOD
CLASSROOMS**

This study examined the extent to which early childhood educators use small-group literacy instruction in the classroom, and examined four factors that were hypothesized to predict educators' use of small-group literacy instruction. Analyses found limited use in early childhood classrooms; two of the four hypothesized factors were significant.

MARISSA GREEN

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EDUCATIONAL STUDIES,
EDUCATIONAL PSYCHOLOGY
AND PHILOSOPHY
ERIC ANDERMAN, ADVISOR
**SCHOOL CLIMATE AND RISKY
BEHAVIORS AMONG RURAL
ADOLESCENTS**

The researchers sought to determine if rural high school students' positive school climate decreased their likelihood of engaging in risky behaviors. Results suggest that the Relationships dimension of school

climate decreases this likelihood, and that students who feel less safe and are in 9th grade are at a greater risk of victimization.

SEUNG YON HA

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EDUCATIONAL STUDIES,
EDUCATIONAL PSYCHOLOGY
AND PHILOSOPHY
TZU-JUNG LIN, ADVISOR
**A SYNTHESIS OF RESEARCH
ON TEACHING AND LEARNING
IN ENGLISH-LANGUAGE
LEARNER (ELL) INCLUSION
CLASSROOMS**

This literature review outlines recent studies on English-Language Learner (ELL) inclusion classrooms. A thorough review of current instructional practices and existing professional development programs seek to provide future directions for research on teacher professional development to improve the quality of teaching in ELL inclusion classrooms.

JUSTIN HAEGELE

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HUMAN SCIENCES, KINESIOLOGY
DAVID PORRETTA, ADVISOR
**VALIDATION OF A TALKING
PEDEOMETER FOR ADOLESCENTS
WITH VISUAL IMPAIRMENTS IN
FREE-LIVING CONDITIONS**

The purpose of this study was to determine the validity of a talking pedometer for adolescents with visual impairments in free-living conditions. The findings suggest that the Centrios talking pedometer provides accurate step-counts. Talking pedometers allow individuals with visual impairments to track physical activity and enhance independence.

TREVION HENDERSON

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EDUCATIONAL STUDIES,
QUALITATIVE RESEARCH IN
EDUCATION

TERRELL STRAYHORN, ADVISOR
**INTERROGATING THE
COLLEGIATE EXPERIENCES
OF BLACK MALES FORMERLY
IN FOSTER CARE**

One quarter of all foster care youth in the nation are Black, and only 20% of former foster care youth attain a college degree. The purpose of this study is to explore the lived experiences of Black male collegians formerly in foster care in order to understand success factors and barriers to success for Black male foster care youth.

MICHAEL KRANAK

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EDUCATIONAL STUDIES,
SPECIAL EDUCATION
SHEILA MORGAN, ADVISOR

EFFECTS OF VIDEO PROMPTING VERSUS BEHAVIORAL SKILLS TRAINING ON THE VOCATIONAL SKILLS OF INDIVIDUALS WITH INTELLECTUAL DISABILITIES

The purpose of this study will be to compare the effects of video prompting to behavioral skills training on the vocational skills of individuals with intellectual and developmental disabilities. No study has directly compared these two procedures on vocational skills.

COLIN MCGINNIS

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HUMAN SCIENCES,
HUMAN DEVELOPMENT AND
FAMILY SCIENCE

SHAYNE PIASTA, ADVISOR
**THE COMPARABILITY AND
VALIDITY OF TEACHER
AND CAREGIVER RATINGS
REGARDING YOUNG
CHILDREN'S DEVELOPMENT**

The Ages and Stages Questionnaire (ASQ) is a widely-used screener used by caregivers and early childhood professionals to detect development delays in children between one month and 5 years of age. Due to differing concerns and expectations found amongst teachers and caregivers, it is hypothesised that teacher and caregiver reports may not align.

EDWARD PAGE

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EDUCATIONAL STUDIES,
SPECIAL EDUCATION

HELEN MALONE, ADVISOR

A REVIEW OF THE USE OF PUNISHMENT TO TREAT AGGRESSION

The purpose of this review was to determine what punishment procedures have been used to treat aggression in people with intellectual disabilities (ID), which decades they were most prevalent, who implemented the procedures, where they were conducted, and the impact on aggressive behaviors.

DIANA

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TEACHING AND LEARNING,
READING & LITERACY IN

EARLY & MIDDLE CHILDHOOD

CHRISTINE WARNER, ADVISOR

INDONESIAN TEACHER PRACTICES THAT RESULT TO ASYMMETRICAL POWER RELATIONSHIP AMONG STUDENTS

In collaborative learning, teachers need to build a classroom community where all members engage actively, respectfully and equally. However, some of pedagogical practices in Indonesia still hinder power sharing among students. This paper analyzes language and tasks adopted by teachers that result

to asymmetrical relationships among students.

CATHERINE ROGERS

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HUMAN SCIENCES, HUMAN
NUTRITION

CAROLYN GUNTHER, ADVISOR

FEASIBILITY AND EFFICACY OF A NUTRITION EDUCATION/ COOKING PROGRAM FOR LOW-INCOME FAMILIES WITH YOUNG CHILDREN

Simple Suppers, a nutrition education/cooking program for low-income families with young children, underwent curricular and programmatic revisions, guided by quantitative data from pilot testing and qualitative data from participating families, program staff, and key informants, in preparation for an upcoming randomized control trial.

TARA STRANG

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TEACHING AND LEARNING,
READING & LITERACY IN EARLY

& MIDDLE CHILDHOOD

SHAYNE PIASTA, ADVISOR

DO CHILDREN IN HIGH QUALITY EARLY CHILDHOOD PROGRAMMING SHOW EVIDENCE OF SOCIOECONOMIC GAPS IN EMERGENT LITERACY DEVELOPMENT?

The purpose of this study is to explore whether children enrolled in a high-quality early childhood center exhibit socioeconomic differences in initial status, growth, and end status of alphabet knowledge and phonological awareness and the extent to which any such differences are associated with the length of time that children have been enrolled.

KIM TRAN

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HUMAN SCIENCES, ANIMAL HEALTH
JOSEPH HOGAN, ADVISOR

EFFECTS OF COPPER SUPPLEMENTATION ON HOST DEFENSE RESPONSES TO LIPOPOLYSACCHARIDE FROM ESCHERICHIA COLI O111:B4 IN HOLSTEIN COWS

Mastitis, or inflammation of the mammary gland, is the leading source of economic cost in the dairy industry at over \$2 billion per year. This study determined the effects of copper supplementation on macrophage and neutrophil functioning in Holstein cows.

MARTREECE WATSON

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

A CALL FOR EQUITY IN LITERACY EDUCATION FOR AFRICAN-AMERICAN DEAF STUDENTS: A CRITICAL REVIEW OF THE LITERATURE

This review draws on Critical Race Theory to examine practices around Deaf Education spanning 30 years, to raise awareness of the confluence of issues in language, education and society faced by educators and researchers as they seek to improve education for African-American deaf students.

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EDUCATIONAL STUDIES,
SPECIAL EDUCATION
NANCY NEEF, ADVISOR

REDUCING COLLEGE STUDENTS' PROCRASTINATION: A SYSTEMATIC REVIEW OF BEHAVIORAL INTERVENTIONS AND FUTURE RESEARCH SUGGESTIONS OF ACADEMIA IN SOCIAL PROCESS

A substantial body of research supporting the use of behavioral techniques to reduce college student procrastination was reviewed. Implications for college teaching and recommendations for future research are discussed.

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**

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HUMAN SCIENCES,
CONSUMER SCIENCES
LESLIE STOEL, ADVISOR

“DINING-TECH”: THE MODERATING ROLE OF GADGET-LOVING AND INNOVATIVENESS IN A STIMULUS-ORGANISM- RESPONSE (S-O-R) MODEL

This study intends to examine how interactive restaurant technology service affects consumers' cognitive and affective states and influences consumers' post behavioral intentions.

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HUMAN SCIENCES,
HUMAN NUTRITION
MARTHA BELURY, ADVISOR

THE ROLE OF AN ADIPONECTIN MIMETIC IN THE TREATMENT OF MICE WITH CANCER CACHEXIA

Cancer-induced cachexia results in uncontrolled weight loss and is ultimately responsible for one-third of all cancer-related deaths. The purpose of this study is to explore the relationship between adiponectin and pathogenesis of cancer cachexia, with the overall goal of creating knowledge to improve the quality of life of cachectic patients.

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NARINGENIN ATTENUATES MUSCLE LOSS IN OVARIECTOMIZED MICE FED A HIGH-FAT DIET

Skeletal muscle mass and function decreases with aging, and onset of muscle wasting can be hastened by metabolic

alteration resulting from diet and disease. This study will evaluate naringenin, a dietary flavonoid found in citrus fruits, on its ability to prevent muscle wasting in older mice.

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HUMAN SCIENCES,
HUMAN NUTRITION

HELEN EVERTS, ADVISOR

FALL CHARACTERISTICS IN COMMUNITY-LIVING OLDER ADULTS: A PROSPECTIVE STUDY

The aim of this study was to characterize fall information through a 12-month prospective fall study of older adults. Due to the high incidence of falls that occurred during the 12-month follow up, this study suggests greater precautions must be taken to ensure the safety of older adults.

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HELEN EVERTS, ADVISOR

EFFECTS OF ACUTE UVB EXPOSURE ON RETINOL METABOLISM PROTEINS

The expression of key retinoic acid metabolism proteins in the epidermis was examined 48 hours after UVB exposure. The findings may improve our knowledge of the development of cutaneous squamous cell carcinoma and may be useful in developing prevention or treatments.

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HUMAN SCIENCES,

CONSUMER SCIENCES

LESLIE STOEL, SOOBIN SEO,
ADVISORS

DOES RESTAURANT PHYSICAL ENVIRONMENT TRIGGER HEALTHY EATING? THE MEDIATING ROLE OF POSITIVE EMOTION

While the concern of promoting healthy eating in restaurants is becoming more significant, the indirect factors affecting healthy eating have hardly been examined. This study intends to identify the influence of several dimensions of restaurant physical environments on intention to eat healthily with positive emotion as a mediator.

LAURA HOPKINS

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HUMAN SCIENCES,
HUMAN NUTRITION
CAROLYN GUNTHER, ADVISOR
**FEASIBILITY, ACCEPTABILITY,
AND EFFICACY OF A
THEORY-BASED PROGRAM
AIMED AT PREVENTING
UNHEALTHY WEIGHT GAIN IN
DISADVANTAGED CHILDREN
DURING SUMMER**

Camp NERF was a multi-component (nutrition, physical activity and mental health) program for disadvantaged children grades K-5 in summer 2014. The program demonstrated high feasibility and acceptability when coupled with the USDA Summer Food Service Program. A modest improvement in weight status was seen in camp participants.

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HUMAN SCIENCES,
KINESIOLOGY
STEVEN DEVOR, ADVISOR
**ADAPTATIONS FOLLOWING
MAXIMAL EXERCISE
TEST UTILIZING AN MRI-
COMPATIBLE TREADMILL
WITH CINE IMAGING AND
PHASE-CONTRAST MAGNETIC
RESONANCE IMAGING (PCMRI)**

This study utilized Cine and PCMRA imaging techniques to evaluate differences in cardiac function and blood flow in trained versus sedentary individuals before and immediately after a maximal exercise test using an MRI-compatible treadmill. Previous magnetic resonance (MRI) imaging studies have tested blood flow adaptations to supine cycle ergometer exercise.

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TEACHING AND LEARNING,
FOREIGN, SECOND, & MULTILINGUAL
LANGUAGE EDUCATION
ALAN HIRVELA, ADVISOR
**USING DIGITAL
STORYTELLING IN AN AFTER-
SCHOOL LITERACY PROGRAM
FOR 3RD GRADE STRUGGLING
READERS**

Third grade students, who failed the 3rd Grade Reading Guarantee, and their mentors will create a digital story about a book they read in an after-school literacy education program. This study will examine the impact of creating these digital stories on students' interests in reading and reading abilities.

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

IAN WILKINSON, ADVISOR
**DIVERSITY OF RACE AND
GENDER OF AUTHORS AND
ILLUSTRATORS IN FIRST
GRADE READING SERIES**

Four first-grade core reading series were evaluated to examine the race and gender of the authors included in the series. Results were analyzed to reveal the implicit messages about race and gender students receive from the representation or lack of representation of diverse authors.

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HUMAN SCIENCES,
CONSUMER SCIENCES
JAY KANDAMPULLY, ADVISOR

**DETERMINANTS OF HOTEL
CUSTOMERS' ADOPTION OF
MOBILE APPS FOR SERVICES
FACILITATION**

This study applied the Unified Theory of Acceptance and Use of Technology (UTAUT) model in hospitality to investigate the influence of application

of mobile devices (including smartphones and tablets) on hotel services facilitation. The study also provided managerial and marketing implications to hospitality management companies.

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

**ASSOCIATIONS BETWEEN
PARENTAL DEPRESSION,
PERSONALITY AND COCARING:
HOW RISK AND RESILIENCE
MAY PREDICT PARENT-TEACHER
RELATIONSHIPS FOR TODDLERS**

We examined the associations among parents' depression, personality, and their parent-teacher, or cocaring relationships. 90 parents completed questionnaires. Significant associations were found. Depression predicted higher undermining after controlling for personality. Some parents have a greater risk of developing negative cocaring relationships.

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HUMAN SCIENCES,

KINESIOLOGY

DONNA PASTORE, ADVISOR

EXAMINING NATIONAL COLLEGIATE ATHLETIC ASSOCIATION GOVERNANCE CHANGES THROUGH THE LENS OF STAKEHOLDER THEORY

The NCAA governance structure is undergoing unprecedented changes. These changes are primarily aimed at allowing member institutions more autonomy in using revenue for student-athlete welfare. This study examines the new governance through the lens of stakeholder theory to compare the new structure to the old one in terms of stakeholder salience

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EDUCATIONAL STUDIES,

SPECIAL EDUCATION

CHRISTIAN WINTERBOTTOM,
ADVISOR

IDENTIFYING, ASSESSMENT, AND REFERRAL PROCESSES FOR TWICE-EXCEPTIONAL STUDENTS

This literature review explores proper identification, assessment and referral practices for twice-exceptional students, and provides suggestions for further research

in the field. Twice-exceptional students, students who are both gifted and disabled, pose difficulties for correct placement and interventions in the classroom.

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HUMAN SCIENCES,

CONSUMER SCIENCES

MILOS BUJISIC, ADVISOR

ACADEMICIANS AS SOCIAL PRACTITIONERS: RE-CONCEPTUALIZING THE ROLE OF ACADEMIA IN SOCIAL PROCESS

The study examines, through a case study of multiple social programs across the globe, the long standing argument that “academicians do not actively engage in solving social problems.”

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HUMAN SCIENCES,

HUMAN DEVELOPMENT AND

FAMILY SCIENCE

SUZANNE BARTLE-HARING,
ADVISOR

FAMILY DIFFERENTIATION, YOUNG ADULT SIBLINGS AND DEPRESSION

Using a sample of 65 pairs of undergraduate students and their siblings, this study investigated the relationship between family differentiation,

sibling relationships and depression. Low family differentiation was related to low sibling warmth and depression. These findings are significant for sibling research and family therapy.

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HUMAN NUTRITION

MARTHA BELURY, ADVISOR

PLASMA ADIPONECTIN

LEVELS PREDICT FOR

LEAN MUSCLE MASS IN

POSTMENOPAUSAL WOMEN

Menopause is associated with a rapid change in body composition characterized by an increase in fat mass and a decrease in lean mass. Adiponectin is a protein secreted from adipocytes that may play an important role in modulating energy metabolism in skeletal muscle. Preventing the loss of muscle mass can increase quality of life.

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HUMAN SCIENCES, KINESIOLOGY

JACQUELINE GOODWAY,

ADVISOR

HOW CHILDREN PERCEIVE

THEMSELVES: A LITERATURE

REVIEW ON PERCEIVED

MOTOR COMPETENCE IN

INTERVENTION STUDIES

Children's own perception of their motor competence is one of the critical underlying factors for being physically active. Thus, in this review, the relationships between perceived motor competence and internal and external factors relative to physical activity are examined to clarify how these factors promote physical activity in children.

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EDUCATIONAL STUDIES,

SCHOOL PSYCHOLOGY

ANTIONETTE MIRANDA,

ADVISOR

IMPROVING SELF-ESTEEM

AND REDUCING FEMALE

RELATIONAL AGGRESSION IN

URBAN CLASSROOMS

This study examines the results of Girl Talk, a program designed to reduce female relational aggression, in an urban fifth grade classroom. Girl Talk is a 7-week program that builds upon existing evidence-based curricula with the intent of increasing self-esteem and decreasing victimization and relational aggression in adolescent females.

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EDUCATIONAL STUDIES,
QUANTITATIVE RESEARCH,
EVALUATION, AND
MEASUREMENT
JEROME D'AGOSTINO,
ADVISOR

PSYCHOMETRIC EVALUATION OF MATH ANXIETY SCALE – BASED ON PISA 2012

This study aims to investigate the measurement invariance of Math Anxiety Scale across cultures, using the Rasch model. Data and samples were drawn from the international student assessment – PISA 2012. Information was collected from 15-year-old secondary school students in five regions. Item difficulties, fitness indices and reliabilities will be compared across cultures.

800 5th graders' strategies to solve a pattern-generalizing task were examined. A typology of students' responses was built. The analysis shows the most dominant approach used is seeking to establish relationship between some terms of the sequence relying on perception; extending a pattern and predicting with pattern require different thinking.

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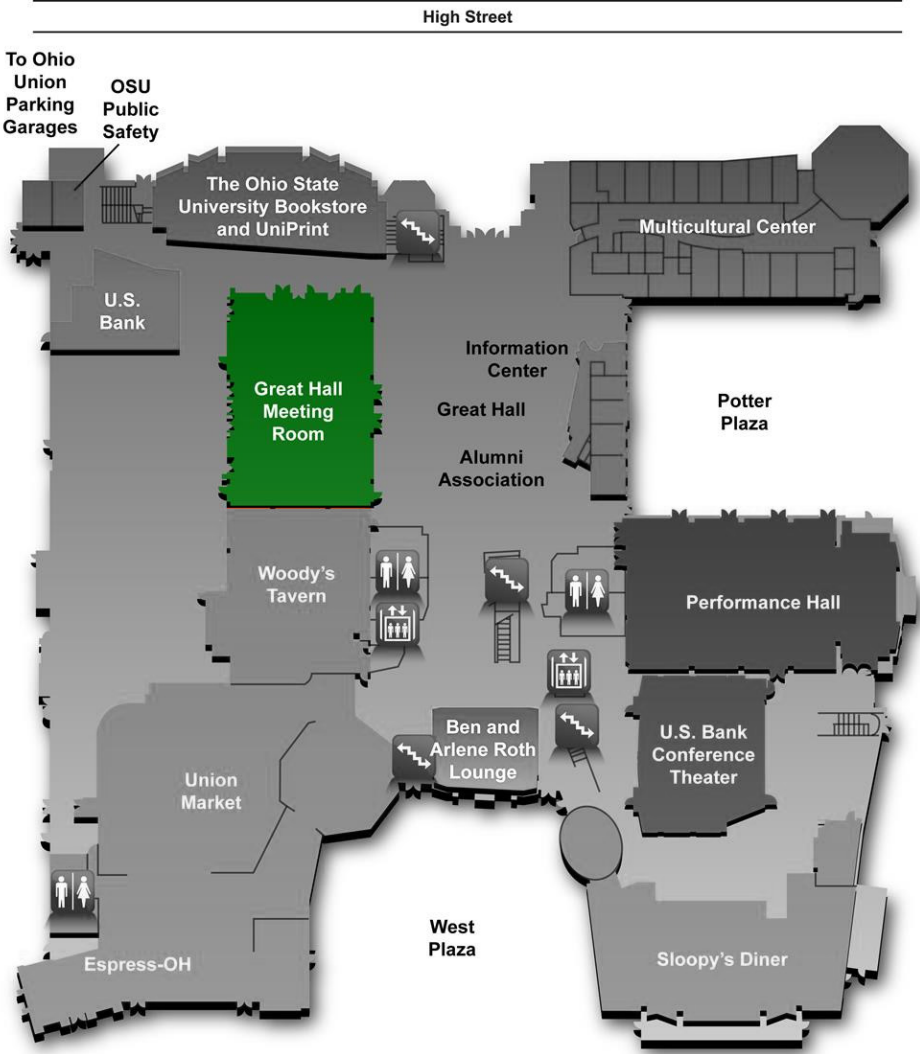
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TEACHING AND LEARNING,
STEM
AZITA MANOUCHEHRI,
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ADVISORS

A TYPOLOGY OF STUDENT PROBLEM SOLVING STRATEGIES ON A PATTERN- GENERALIZING TASK

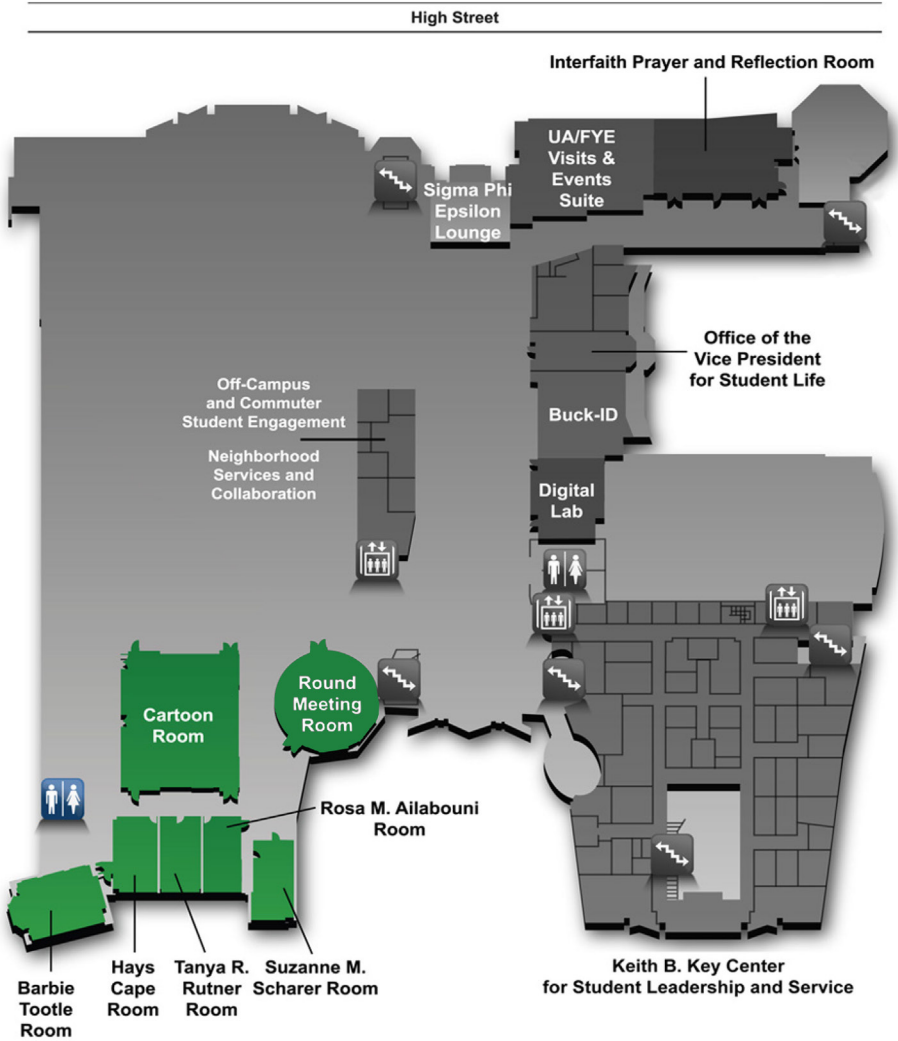
MAPS

OHIO UNION - FIRST FLOOR



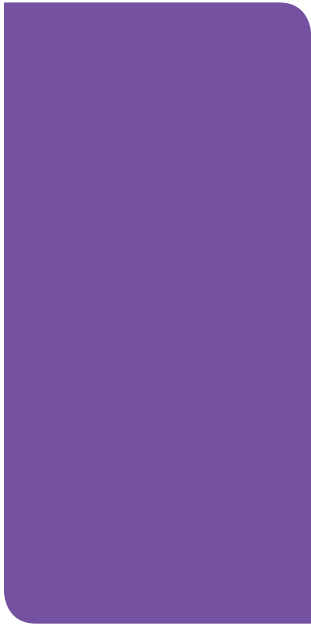
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OHIO UNION - THIRD FLOOR



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