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[2018] Graduate Research Symposium

Apr 24th, 2:30 PM - 2:45 PM

2018 Graduate Research Symposium Schedule

Graduate Research Symposium

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2018

Longwood University's 3rd annual

**GRADUATE
RESEARCH
SYMPOSIUM**

*Part of the Spring Symposium for
Research and Creative Inquiry*

APRIL 24, 2018

2:30-6:00PM

Greenwood Library

PROGRAM OVERVIEW

2:30-2:45

LOBBY BALCONY

2:45-3:20

LOBBY BALCONY

3:20-3:55

LOBBY BALCONY

4:00-5:45

**ROOMS 147, 209A,
AND 209B**

5:45

**GSA GATHERING
SPACE (210)**

Welcome by Provost Fergeson

Poster Session I

Jennifer Sell (Distance)

Kristina Chilian (Distance)

Morgan Cassady & Jacqueline Lyle

Arissa Alley, Alex Maddox, & Angela Nigrelli

Erica Mawyer

Ashley Brown

Andrew Lucas

Paul McFarland

Morgan Arthur, Danielle Brooks, & Racheal Marz

Anna Johnson, Colleen Johnson, Laura Mixon,
& Courtney Spates

Seraphina Chabinec, Leah Horton, & Jalyn Taylor

Kerby Dalton, Grace Fitzgerald, & Amy Ligon

Poster Session II

Wendy Knox (Distance)

Tracy Bailey (Distance)

Setera Stevens

Jeffrey Wagnon

Jovia Moody, Michelle Painter, & Jennifer Trate

Chaley Timberlake

David Van

Tia Javier, Kristen Knowsley, Rachel Pegelow,
& Augusta Reisling

Laurin Bowman, Katie Lester, Molly Sanatiello,
& Chelsey Tanner

Jordan Chapman, Colleen Daniel, & Sheridan
Thagard

Ian Walker & Quincy Goodine

Oral Presentation Session

Laurie Shapiro

Jenny Bayer

Savannah Thomas

Molly Dailey & Molly Sanatiello

Jessica Bardenheier, Annie Farrar, Mikayla
Norton, & Brooklyn Thompson

Hope Mounie

Meredith Seay

Damarion Geter, Jasmine Payne, & Terell Yerby

Ali Mitchell, Emory Read, & Hunter Worsham

Symposium Reception

Closing Remarks by Dean Chapman

Awards Presentation by Dean Perry and Dean
Chapman

POSTER SESSION I (2:45-3:20)

**JENNIFER SELL
SCHOOL
LIBRARIANSHIP**

To Dewey, or Not to Dewey - That is the Question: A Study on the Genrefication of Middle School Libraries

Genrefication is “the process of arranging books on the shelf by their genre.” This type of organization closely matches with the way young people “cognitively search for information.” The purpose of this study is to explore the effects of genrefication on a middle school library.

Teaching Digital Reading Skills in the Middle School Library

K-12 students are increasingly required to read digital text, including online content assessments (e.g. SOL tests) and college entrance exams (e.g. the SAT). However, digital reading instruction is a relatively new field in education with limited literature to inform it. This research proposal is for a quasi-experimental study that seeks to discover whether certified school librarians can directly impact 6th grade reading comprehension scores by providing direct instruction of digital reading skills and dispositions.

**KRISTINA CHILIAN
SCHOOL
LIBRARIANSHIP**

Achievement Tests of Student with Intellectual Disability

In this single-subject case study, we administered three standardized academic achievement tests on an eleventh-grade student with ID named Kris to determine his current academic achievement levels in math, reading, and writing. The tests included Woodcock Johnson Reading Mastery Test-Revised, Kaufman Test of Educational Achievement-3, and KeyMath-3. Through this study, we were able to examine the student's overall achievement as well as his strengths and weaknesses in specific areas of math, reading, and writing. Our findings indicate that Kris' abilities in math, reading, and writing are significantly below his grade-level peers and that he is eligible for special education services.

**ARISSA ALLEY,
ALEX MADDOX &
ANGELA NIGRELLI
SPECIAL EDUCATION**

POSTER SESSION I (2:45-3:20)

**MORGAN CASSADY &
JACQUELINE LYLE
COUNSELOR
EDUCATION**

**ASHLEY BROWN
HEALTH AND PHYSICAL
EDUCATION**

**MORGAN ARTHUR,
DANIELLE BROOKS
& RACHEAL MARZ
COMMUNICATION
SCIENCES AND
DISORDERS**

The Effect of Motivational Interviewing Techniques on Individuals with Substance Use Disorder

Evaluate the effects of motivational interviewing on individuals with substance use disorder.

Loudoun County Mental Health Program-- Minding Your Mind

This program will use Minding Your Mind as a foundation to reduce the stigma and destructive behaviors that are often associated with mental health issues. This program provides preventative education regarding signs and symptoms of mental disorders, as well as peace of mind for those who are struggling with mental illness. In addition, you will find a multitude of resources that enable the community of Loudoun County to reduce and ultimately eliminate the stigma of mental health and mental illnesses.

Comparison of Coaching and Family-Based Treatment Model in Early Intervention

During mealtime, with children experiencing feeding and swallowing difficulties, there is significant report of increased parental stress. The goal of this research is to analyze parent stress levels after implementation of the coaching model, using family-based treatment principles, when compared to a traditional linear model. The results of this study will serve as the foundation for further analysis of the effectiveness of these approaches in treatment of children with swallowing/feeding concerns and their families.

POSTER SESSION I (2:45-3:20)

**ERICA MAWYER
HEALTH AND PHYSICAL
EDUCATION**

Internship into Community Health

The Greater Richmond Age Wave is a Richmond based organization looking at surrounding communities to see how they can better fit the aging population. The Greater Richmond Age Wave encompasses goals that look at if their individuals are engaged, living adequate lives, stable, and well.

**ANNA JOHNSON,
COLLEEN JOHNSON,
LAURA MIXON
& COURTNEY SPATES
COMMUNICATION
SCIENCES AND
DISORDERS**

The Effect of Head Position and Postural Support on Simulated Pill Swallows

Individuals with dysphagia often have difficulty when swallowing pills. Postural stability and raising the head of the bed to a 45-degree angle are compensatory techniques commonly used to improve swallowing safety. The purpose of this study was to observe sip size during a simulated pill swallow, using an M&M, while the participants were positioned at different angles with and without foot supports. Results and implications for medication management will be presented.

**ANDREW LUCAS
HEALTH AND PHYSICAL
EDUCATION**

The Fitness Zone

This presentation will be focused on a theoretical implementation plan of a program for a community health risk due to youth violence. This presentation will include all components needed to assess and implement this program in the specified area.

**PAUL MCFARLAND
HEALTH AND PHYSICAL
EDUCATION**

Street Outreach Worker Program

This is a health implementation program.

POSTER SESSION I (2:45-3:20)

**SERAPHINA CHABINEC,
LEAH HORTON
& JALYN TAYLOR
COMMUNICATION
SCIENCES AND
DISORDERS**

**KERBY DALTON,
GRACE FITZGERALD
& AMY LIGON
COUNSELOR
EDUCATION**

Voice Disorder Prevention Training for Physical Education Majors

The purpose of this study was to pilot an online training module for vocal hygiene and voice disorder prevention targeting student physical education teachers prior to and during their student teaching externship. Vocal hygiene, vocal function exercises and strategies for increasing vocal loudness were targeted. Survey reports and vocal quality samples were obtained before and after training. The effectiveness of this training on participants' vocal hygiene practices and voice quality will be presented. Results will be discussed as they relate to factors that affect vocal quality.

The Impact of RAMP Certification in a Middle School on Behavioral Referrals

The following proposal looks at the impact of Recognized ASCA Model Program (RAMP) certification on middle school behavioral referrals. RAMP is implemented through the American School Counseling Association (ASCA). This study will look at opinions from faculty including school counselors and teachers on the impact of RAMP certification. A comparison of behavioral referral numbers before RAMP certification and after RAMP certification will be looked at. Based upon research and knowledge of ASCA and RAMP behavioral referrals should decrease with the implementation of RAMP.

20
18

POSTER SESSION II (3:20-3:55)

**WENDY KNOX
SCHOOL
LIBRARIANSHIP**

The Effect of Native Language Books in the Library on Students' Self Perceptions

In the United States today, our schools are receiving more and more students whose first language is not English. The American Association of School Librarians suggests that, "In order to support our students who are learning English, we need to provide them with a library that reflects the 'linguistic pluralism of the community.'" The purpose of this study is to determine the impact that providing books and a library space that is welcoming of other cultures will have on students' English abilities and their feeling of value and importance in their new country.

**TRACY BAILEY
SCHOOL
LIBRARIANSHIP**

The Impact of Diverse Books on Student Perceptions

As school communities become more diverse, the need for school library collections that represent those diverse populations is growing in importance. The purpose of this study is to gauge the impact diverse books have on student perceptions of people from other cultures, races, religions, and people with disabilities. It is my belief that reading diverse books positively impacts student perceptions of people who are dissimilar to themselves. Therefore, developing a diverse school library collection that represents the unique student population must be of the utmost importance to school librarians.

**SETERA STEVENS
COUNSELOR
EDUCATION**

Mental Health Emergency Services

This presentation will be on emergency services and Virginia community services boards. It will discuss the emergency custody order process along with temporary detention order processes as well as some helpful suggestions for outpatient providers when their client is in crisis.

POSTER SESSION II (3:20-3:55)

JEFFREY WAGNON
HEALTH AND PHYSICAL
EDUCATION

JOVIA MOODY,
MICHELLE PAINTER &
JENNIFER TRATE
SPECIAL EDUCATION

CHALEY TIMBERLAKE
HEALTH AND PHYSICAL
EDUCATION

This is (NOT) About Drugs

This presentation represents research done to assess a current community health program. Along with assessment, steps are laid out to implement the program into the local community.

The Force of ADHD on Kylo Ren's Academic Achievement

This study is a single-subject descriptive case study that used purposive sampling. The objective of this study was to examine the overall academic achievement level of a student with ADHD. Due to our subject's identified disability (ADHD), we hypothesized that the subject student will score below the mean on all three standardized tests. We administered three norm-referenced tests that measured the student's abilities in math and reading, as well as overall academic achievement. The results of this study show that our student's level of academic achievement is below one standard deviation of the mean. Moreover, our results indicate that our subject student with a diagnosis of ADHD qualifies to receive special education services which is consistent with his previous assessment. Recommendations are provided for how to help our student improve.

School Nurses and Depression

This presentation explains the need for public school nurses to receive more training involving depression in middle school students. The program is created to allow mental health professionals from Prince Edward County to come and train nurses in better ways to detect depressive symptoms in students while also helping them to receive assistance.

POSTER SESSION II (3:20-3:55)

**DAVID VAN
HEALTH AND PHYSICAL
EDUCATION**

**TIA JAVIER,
KRISTEN KNOWSLEY,
RACHEL PEGELOW &
AUGUSTA REISLING
COMMUNICATION
SCIENCES AND
DISORDERS**

**LAURIN BOWMAN,
KATIE LESTER,
MOLLY SANATIELLO &
CHELSEY TANNER
COMMUNICATION
SCIENCES AND
DISORDERS**

Changing Health One Family at a Time

Obesity is a continuing problem within the Prince Edward County community. A program addressing adult literacy on health topics will educate guardians on key nutritional facts through students and their homework assignments. This education will provide the families with the opportunity to learn about nutrition through five areas: (a) understanding a food label, (b) difference between whole and processed food, (c) food preparation, (d) food groups, (e) locating accurate and up to date information.

Effect of Sensory Enhancements on Ratings of Food Acceptability

The purpose of this study was to determine if sensory enhancements (i.e. smell, taste, and sound) would affect participants' ratings of food and liquid likeability. Our study helped us understand how sensory input affects the enjoyment of food during a meal and provided information for future research on strategies that will increase the quality of life for patients who have dysphagia and are restricted to modified diets.

Does Speaking Fundamental Frequency Influence Ratings of Speaker Competence and Social Attractiveness?

This research project was geared towards answering the question: Do listeners rate speakers with voices that have a similar fundamental frequency to their own as more competent and socially attractive than voices that have dissimilar fundamental frequencies?

POSTER SESSION II (3:20-3:55)

**JORDAN CHAPMAN,
COLLEEN DANIEL &
SHERIDAN THAGARD
COMMUNICATION
SCIENCES AND
DISORDERS**

**IAN WALKER &
QUINCY GOODINE
COUNSELOR
EDUCATION**

Does Serving Size Influence Amount Given Per Bite by Feeder?

The purpose of this study is to determine if the amount of food in a container or on a plate affects the bite size offered by a feeder. Four ounces of pudding and mashed potatoes will be given by a feeder via spoon during a total feeding simulation. Every third spoonful offered will be measured to observe the bite size offered as the amount of the food remaining in a container or on a plate decreases.

The Effects of Academic Advising on First Generation College Student on Academic Probation

This study examined the impact of the frequency and type of academic advising on first generation freshman student. The study was conducted with 15 students that were reported as being on academic probation, 10 out of the 15 participants were African American men. The students were asked a number of questions regarding their experiences prior to and following the provided intervention, which included providing students with developmental academic advising for a number of weeks.

GR
AD

ORAL PRESENTATIONS ROOM 147

4:00 PM

**LAURIE SHAPIRO
READING, LITERACY,
AND LEARNING**

Impact of Pediatric Neurocognition on Literacy Acquisition

Research-based practice in the teaching profession has had a growing importance over the past few decades. While the field of neurocognitive literacy is infantile, researchers have begun looking at how instruction can be impacted by understanding brain capabilities when learning to become literate in a language. This has been accomplished through neuroimaging to explain how a child's brain functions on a neurological level when engaging in literacy tasks (Chyl, et. al., 2018). Research suggests the reading brain is flexible and dynamic. This has been determined through examination of various neurocognitive systems that explain how functional and anatomical brain alterations can occur in children as they learn to read (Noble, Tottenham & Casey, 2005). The ways in which functions and capabilities of pediatric brains directly impact the ability to become literate and how this knowledge can influence literacy instruction will be discussed.

The Fine Line Between Helpful and Hurtful: English Language Learners and Unnecessary Special Education Placement

Students who are learning English as a second language (EL) are not a new population of students in the United States. However, our understanding of these students and their learning process is new. Many mainstream teachers are unprepared to effectively meet the needs of EL students and the assessments practices that we use often lead to faulty results. As with any student, EL or not, ineffective teaching practices can have a severe result in their overall long-term academic success. Is what we are currently doing enough? I will share key components of culturally responsive assessment and together we will explore alternative assessment and identification practices that affect our English Learners. With this knowledge, we, as teaching professionals, will be able to effectively reach this underserved population of students.

4:00 PM

**JENNY BAYER
READING, LITERACY,
AND LEARNING**

ORAL PRESENTATIONS ROOM 147

4:55 PM

**SAVANNAH THOMAS
READING, LITERACY,
AND LEARNING**

Forming Habits of Discussion and Using Reading Recovery Strategies During Guided Reading Groups

Discussion within guided reading groups, especially within the younger grade levels, can seem like a daunting task. Teachers strive to have students lead meaningful discussions about a text but run into the problem of students completely running off the tracks with their conversations. The risk teachers take is taking over the discussion or allowing the students to steer the discussion in a different direction than originally planned. In order to bypass this set of circumstances, teachers should aid students in forming habits of discussion and use reading recovery strategies in order to steer the literary discussion in the right direction. Fortunately, there is a lot of research and support for teachers and professionals who are looking to incorporate habits of discussion within guided reading groups. There is also research to support reading recovery strategies, which give teachers prompting examples and insight to when prompting should be used. Tips to form habits of discussion and using reading recovery strategies to support guided reading for grades 1-3 will be discussed here today as well as ways to incorporate these strategies into the literacy block and to promote comprehension and understanding.

4:55 PM

**MOLLY DAILEY &
MOLLY SANATIELLO
COMMUNICATION
SCIENCES AND
DISORDERS**

The Importance of Good Classroom Acoustics

This oral presentation focuses on the importance of speech science and how it relates to the acoustics in the classroom. Through this presentation, we will present the different guidelines that help with acoustics, the research that shows the effect on the learner if acoustics is poor, and the different devices/suggestions that can be made to help improve the acoustics in a room.

ORAL PRESENTATIONS ROOM 209A

4:00 PM

**JESSICA BARDENHEIER,
ANNIE FARRAR,
MIKAYLA NORTON &
BROOKLYN THOMPSON
COUNSELOR
EDUCATION**

The Effects of Trauma-Informed Counseling on Children with a History of Abuse

This proposal will provide an analysis of the effects of trauma-informed counseling on children who have experienced abuse. During this, we will discuss how trauma-focused counseling affects the emotional regulation of children and why the use of a multidisciplinary approach, including play therapy, is especially beneficial to children.

Activate, Motivate, Participate: Strategies to Engage and Motivate Reluctant Students in Literacy

Many schools serving low socio-economic families face the challenge of teaching reading to students who lack motivation or the desire to read. This could be caused by many factors. Do these students have the resources to become successful but choose not to, do they not have print rich environments at home, or is literacy not valued? There is a strong link between low socio-economic status and students' low level of literacy achievement.

Students need to be engaged in order to become self-motivated readers in the future. The ability to read is essential for securing well-paid employment and participating constructively in society. Unfortunately, teachers struggle to bridge this gap and implement effective strategies. Tips for finding high interest text for students will be discussed along with specific reading strategies that will boost their confidence and motivation.

4:55 PM

**HOPE MOUNIE
READING, LITERACY,
AND LEARNING**

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18

ORAL PRESENTATIONS ROOM 209

4:55 PM

**MEREDITH SEAY
READING, LITERACY,
AND LEARNING**

4:55 PM

**DAMARION GETER,
JASMINE PAYNE &
TERELL YERBY
COUNSELOR
EDUCATION**

4:55 PM

**ALI MITCHELL,
EMORY READ &
HUNTER WORSHAM
COUNSELOR
EDUCATION**

209A

The Important Role of Parental Involvement in Early Literacy Development

When children start their schooling career, literacy development is immediately present and is key to their academic success. Parental involvement is widely believed to be critical to children's early academic development. Research shows various factors are linked to a child's literacy development, including socioeconomic status, parent depression, and single-parent status. Research has proven there are different ways in which parents can learn how to enhance their child's literacy development, one of which includes the establishment of a home literacy environment.

209B

Reducing Recidivism with Juvenile Offenders

This presentation proposes a qualitative research project that would directly contact first-time juvenile offenders to find out self-report information. Through semi-structured interviews, researchers will uncover what lowers rates of re-offense.

Do Suicide Prevention Programs Help Students Recognize Suicidal Behaviors?

Suicide is a topic that can be difficult to discuss in schools. Bringing awareness and knowledge about suicide is important when working with students. School-based suicide prevention programs are implemented to help students understand the signs of suicide, the risk factors, and ways to get help. These programs are also implemented to help train school personnel to be better prepared for this type of crisis. The purpose of this research proposal is to explore the effectiveness of suicide prevention programs in helping students recognize suicidal behaviors.

RECOGNITIONS & AWARDS

SPECIAL THANKS TO

Donors to the Graduate Research & Travel Awards
The College of Graduate & Professional Studies
Graduate Council Research Symposium Committee:
Dr. Angelica Blanchette, Reading, Literacy, and
Learning Program

Dr. Kathleen McCleskey, Counselor Education Program
Ms. Tammy Hines, Greenwood Library
Ms. Brooke Greenbank, CGPS Administration
Brittany Bishop, Counselor Education Program
Hailey Kitchen, Counselor Education Program

RECEPTION & AWARDS

Made possible by the College of Graduate and
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Open to participating graduate students and Longwood
faculty & staff

Presenter recognition, Heavy hors d'oeuvres, and adult
beverages



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