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4:00 - 6:00 p.m. • UC Magnolia Room

Dr. Karla Hull, Interim Assistant Vice President for
Research and Dean of the Graduate School

Opening Remarks:

Dr. Patrick Schloss, President
and Dr. Phil Gunter, Interim Provost
Vice President for Academic Affairs

Introduction of Faculty Mentors:

Dr. John Gaston, Dean College of the Arts
Dr. Connie Richards, Dean College of Arts & Sciences
Dr. Julie Lee, Interim Dean Dewar College of Education
Dr. Anita Hufft, Dean College of Nursing
Dr. George Gaumond, Director Division of Library &
Information Sciences
Dr. Martha Giddings, Director
Division of Social Work

Special Recognitions & Poster Viewing: Dr. Karla Hull

College of Arts & Sciences

A ZYGOTIC SCREEN FOR MUTATIONS INVOLVED IN *KRYTOLEBIAS MARMORATUS* OVOTESTIS DEVELOPMENT

Jennifer M. Newsome

Brian C. Ring, Ph.D. Faculty Mentor
Department of Biology

Kryptolebias marmoratus is a unique vertebrate model organism for studying internal self-fertilization. *Kmar* utilizes an ovotestis, a unique mixed gonad consisting of both ovarian and testicular tissue. The main goal of this project is to complete a forward genetic screen to isolate zygotic mutations involved in *Kmar* development. As part of a long term goal of revealing if genes or hormones are involved in normal ovotestis development. An ongoing genetic screen in *Kmar* with the mutagen N-ethyl-N-nitrosourea (ENU) is being conducted during a 4-week period as compared to untreated controls. The results of this genetic screen will provide proof-of-principle for future screens in this model organism. This will also lead to advancements in reproductive biology in other vertebrates as well.

GOPHER TORTOISE HATCHLING DEMOGRAPHY AT REED BINGHAM STATE PARK, COOK COUNTY, GEORGIA

Christine M. Chessler

J. Mitchell Lockhart, Ph.D. Faculty Mentor
Department of Biology

Research into the early life stages of the gopher tortoise has been minimal due to high mortality rates of eggs and hatchlings. Using limited recapture observations, it was found that hatchlings had no clear preference for refuge, directionality, or sex during the months of March and October. These results coincide with optimal foraging and basking hours, as well as the seasonal variation in sex ratio. In summary, this work provides demography data on a life stage of the gopher tortoise often under represented.

CLONING, SEQUENCING, AND PHYLOGENETIC COMPARISON OF THE VASA GENE FROM *KRYTOLEBIAS MARMORATUS*

Jacob L. Perry

Brian C. Ring, Ph.D., Faculty Mentor
Department of Biology

The *vasa* gene, an ATP-dependent RNA helicase, is localized to the polar granules during pre-gastrulation in *Kryptolebias marmoratus*. *Vasa* is part of a family of DEAD-box proteins that is expressed as RNA and as protein. It is found early in embryogenesis and later on during gamete production from PGC's. When the *vasa* gene is not functioning normally, organisms cannot reproduce successfully via sperm and egg. Therefore, *vasa* is critical for sexual reproduction and is required from one generation to the next. Consequently, the *vasa* gene is highly conserved through evolution as it is passed from mother to offspring. Multiple sequence alignments of the *K. marmoratus vasa* protein demonstrate phylogenetic relationships with other vertebrates. A comparison of the *vasa* gene from *Kryptolebias marmoratus*, a syngonic hermaphrodite belonging to the phylum Cnidaria, with other vertebrates will provide insight into the evolution of the *vasa* gene.

FOSTERING THERAPEUTIC ALLIANCE: THE ROLE OF THE THERAPIST

Deirdre Mason, Ashley Mims, and Amber Tucker

Jennifer Lambert-Shute, Ph.D., Faculty Mentor
Marriage and Family Therapy Program

Research exists to guide therapists in creating this therapeutic alliance. In this study we explored how the therapist contributed to fostering a therapeutic alliance between themselves and the client. Observations were made of two marriage and family therapy interns. The data was analyzed and six themes emerged. The implications for how therapists can increase therapeutic alliance will be discussed.

CLIENTS' CONTRIBUTING FACTORS TO THE THERAPEUTIC ALLIANCE

Kristin Chapman, Tamika Gallemore, Melanie Karn, Sarah Morehouse, Lisa Plonowski

Jennifer Lambert-Shute, Ph.D. Faculty Mentor
Marriage and Family Therapy Program

Thus far, most investigations of the therapeutic relationship have centered on the therapist and what he or she does or does not do to build the relationship. We believe that the client also plays a role in the creation of therapeutic relationships. In this study we explored how the client contributes to the building, maintenance, and hindrance of the therapeutic alliance. Marriage and Family Therapy Master's students observed and coded for therapist, attempts to physically engage therapist, and receptiveness to therapist. We also found four themes

ROLE OF THE THERAPIST IN THE HINDERANCE OF THE THERAPEUTIC ALLIANCE

Asheley Quamme, Liscelle Carrillo, Charity Echols, Margret Miller, & Anisa Siddiqkara

Jennifer Lambert-Shute, Ph.D., Faculty Mentor
Marriage and Family Therapy Program

Little empirical research has been conducted on therapist behaviors that may hinder the therapeutic alliance. Knowledge in understanding behavior that can impede the relationship between client and therapist will allow therapist to better facilitate an alliance. In this study observations were carried out in order to discover behaviors on the part of the therapist that they may unconsciously perform during therapy which may hinder the relationship between client and therapist. After we analyzed our data, four themes emerged that the



TRANSGENDERISM: REDUCTIONIST VS RELATIONAL PERSPECTIVE

Cyndi Amante

Martha Laughlin, Ph.D., Faculty Mentor
Marriage and Family Therapy Program

This paper examines the way two differing epistemologies, reductionistic and systemic, shape therapeutic approaches to transgenderism. The paper begins with a discussion of the differences between reductionistic and systemic epistemologies, then moves to exploring the way these complementary epistemologies shape the therapeutic experience from the perspective of both therapist and client. The reductionist perspective understand the transgender phenomenon as a gender identity disorder. It is proposed that a reductionist epistemology may limit client and therapist, given that therapeutic issues are reduced to neurobehavioral approach to transgender clients' therapeutic needs, which are grounded in unique individual contexts and meaning systems.

PERVERSION OR CREATIVITY? EXAMINING SADOMASOCHISM THROUGH A POSTMODERN LENS

Misty Johnson

Martha Laughlin, Ph.D., Faculty Mentor
Marriage and Family Therapy Program

Psychological science is ever searching for universal explanations for human behavioral phenomena considered abnormal. Sadomasochism is one of the many human behaviors upon which medical science places a pathological label. Despite categorization as a sexual disorder by the American Psychological Association and the World Health Organization, sadomasochist acts have grown in popularity. This paper examination of sadomasochism through a postmodern lens, which allows positive, non-pathologizing connotations to be construed. The clinical implications of understanding sadomasochism through a postmodern lens are examined.

APPLICATIONS OF JUVENILE JUSTICE STRATEGIES IN LOWNDES COUNTY, GEORGIA

Christopher Adair, Brandon Atkins, Jamie Holland, Matthew Nicosia

Shani P. Gray, Ph.D., Faculty Mentor
Department of Sociology, Anthropology, and Criminal Justice with Marriage and Family Therapy

This project discusses lessons learned in a Seminar in Juvenile Justice Course, in which students explored various juvenile justice issues and applied criminal justice theories and research to the development and implementation of juvenile justice programs and policies in Lowndes County, Georgia. The application occurred program was created for juveniles on probation to assist them in English, math, science, and social studies. A relationship violence monologue, presented by college students enacting past experiences of juveniles who dealt with relationship violence, was created to raise awareness about juveniles' exposure to violence. included increasing the community's awareness of the facility's need for charitable donations and services, and researching grants that could help LFI continue to operate as an alternative to incarceration for juveniles.

CRIMINAL VICTIMIZATION ON COLLEGE CAMPUSES: THE INTERSECTION OF CRIMINAL JUSTICE PROGRAMS, UNIVERSITY POLICE, & UNIVERSITY POLICY
Kaylen Wells and Whitney Izzard

Shani P. Gray, Ph.D., Faculty Mentor

Department of Sociology, Anthropology, and Criminal Justice with Marriage and Family Therapy

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Dewar College of Education

THE VALUE OF PHOTOGRAPHY IN VOCABULARY ACQUISITION

Rachel Cortellino

Tanya Enloe, M.S., CCC-SLP, Faculty Mentor
Department of Communication Sciences and Disorders

The purpose of this investigation was to determine the relationship between the use of photography and investigation also looked at reinforcement and subject involvement in therapy. The results indicated that the value of photographs had no initial impact but in post treatment had an apparent residual effect. Implications and recommendations are presented.

THE EFFECTIVENESS OF PAIRING VISUAL STIMULI WITH AUDITORY STIMULI FOR INDIVIDUALS WITH ASD/PPD

Laurie Anna Lee

Susan Miller, M.Ed., CCC-SLP, Faculty Mentor
Department of Communication Sciences and Disorders

For many children with Autism Spectrum Disorder, the visual sense is strongest and the auditory sense is frequently impaired. This study was conducted using three examiners, each measuring a different component of auditory processing. Attention and on-task behavior was one measurement taken on this client. The use of visuals to increase on-task behavior and attention to auditory stimuli with an eight-year-old male with PDD is presented. The subject's behavior and attention to auditory stimuli was measured. Results showed that the research are discussed.

THE EFFECTIVENESS OF EAROBICS IN THE TREATMENT OF AN AUDITORY PROCESSING DISORDER

Hayley Sheppard

Amy Struble, M.Ed., CCC-SLP, Faculty Mentor
Department of Communication Sciences and Disorders

The purpose of this investigation was to evaluate the effectiveness of Earobics in the treatment of an Auditory Processing Disorder. Earobics is a computer-based program designed to target a child's auditory processing skills related to perception and discrimination. These skills are considered to be prerequisites for the in both expressive and receptive language as a result of an Auditory Processing Disorder. The results indicated that the Earobics computer program was effective in the treatment of an Auditory Processing Disorder.

THE EFFECTIVENESS OF AUDITORY SELF-MONITORING IN THE REMEDIATION OF /s/ AND /z/ Kari Hodges

**Tanya S. Enloe, M.S., CCC-SLP, Faculty Mentor
Department of Communication Sciences and Disorders**

The purpose of this study was to determine the effectiveness of auditory self-monitoring in the remediation of /s/ and /z/ in children with articulation disorders. The study was conducted with 10 children, 5 exhibiting other mild articulation disorders as well as prove useful in group therapy environments. Future implications and recommendations are discussed.

THE EFFECTS OF ALCOHOL ON A SUBJECT WITH SUSPECTED SPASMODIC DYSPHONIA Whitney Chitty

**Robert G. Johnston, Ph.D., CCC-SLP, Faculty Mentor
Department of Communication Sciences and Disorders**

Faculty Mentor

THE NETHER WORLD OF ACADEMIC LIBRARIANS: ISSUES OF CLASSIFICATION, EDUCATIVE MISSION, AND SENSE OF PLACE

Jane Zahner, Ph.D., Faculty Mentor
Department of Curriculum, Leadership, and Technology

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A TEN-YEAR STUDY OF INDIVIDUAL OUTCOMES FROM A NATIONAL FRATERNITY LEADERSHIP PROGRAM Rachel Underwood

J. Patrick Biddix, Ph.D., Faculty Mentor
Department of Curriculum, Leadership, and Technology

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**THE RELATIONSHIP BETWEEN PRINCIPAL TENURE, STABILITY, AND EXPERIENCE
AND STUDENT ACHIEVEMENT IN GEORGIA MIDDLE SCHOOLS**

Timothy S. Huff

**Donald W. Leech, Ed.D., Faculty Mentor
Department of Curriculum, Leadership, and Technology**

The purpose of this study was to determine whether principal tenure, principal stability, principal experience,

IMPROVING MULTIPLICATION FACTS WITH SMALL GROUP INSTRUCTION AND FLASH CARDS **Angela Fender**

Ellice Martin, Ed.D. and Anthony Pellegrino, Ph.D., Faculty Mentors
Department of Middle, Secondary, Reading, and Deaf Education

This study examined the effects of small group instruction of basic multiplication facts in the resource and

EFFECT OF USING INCENTIVES TO IMPROVE SIXTH-GRADE LANGUAGE ARTS PERFORMANCE

Division of Library and Information Science

SELF-CENSORSHIP IN PUBLIC LIBRARIES: DOES IT OCCUR IN GEORGIA

Matthew Stembridge

Anita Ondrusek, Ph.D., Faculty Mentor

Department of Library and Information Science

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 searched for a list of books that are considered controversial based on certain criteria. The libraries that own
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OUR FUTURE IN THEIR HANDS: A PILOT STUDY ON GEORGIA PUBLIC LIBRARIES AND THE DOMINANCE OF FOR-PROFIT PUBLISHING IN COLLECTION DEVELOPMENT ACTIVITY

Kathryn Leache

Anita Ondrusek, Ph.D., Faculty Mentor

Department of Library and Information Science

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 employ. The primary goal of the survey was to establish to what extent only a small number of commercial
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 includes news articles reporting trends in distributors merging, research articles on similar studies, and articles
 that discuss the theoretical implications of the ever-shrinking publishing and vending landscape on libraries'
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 and distributors, as well as the philosophical tension between the two, in the context of intellectual freedom
 principles.

COMBATING COMMENT SPAM IN THE LIBRARY BLOGOSPHERE

Michael Holt

Fatih Oguz, Ph.D., Faculty Mentor

Department of Library and Information Science

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 with them through comments on blog posts. However, the majority of comments submitted to blogs
 are what is known as “comment spam.” Libraries have an interest in fostering genuine communication
 with their patrons and comment spam prevents this from occurring by making genuine comments
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 of this study is to identify and describe how libraries are addressing comment spam.

Division of Social Work

A REVIEW OF PTSD POLICIES AND POLICY RESULTS FOR VETERANS

Carol Rossiter, J.D., M.S.W., Ph.D., Faculty Mentor
Department of Social Work

This research focused on the past and present policies for Veterans with Post Traumatic Stress Disorder documentation for disability compensation. The research suggests that simple verbiage in their records or the *^}â^!Á[-Ác@^ÁX^c^!æ}Áæ!^Ác, [Á&[{ { [] Á!^æ• [] •Áâ•æâ|äc^Áà^}^, c•Áæ!^Áâ^}â^âÉÁV@^Á!^•~|c•Á[-Ác@â•Á!^•^æ!&@Á •~*^•cÁc@æcÁæÁ•â* }â, &æ}cÁ} ~ { à^!Á[-ÁX^c^!æ}•Á, @ [Á@æç^Áà^}Áâæ* } [•^âÁ, äc@ÁÚVÜÖÁæ!^Á^ç&|~â^âÁ-! [{ Áà^}^, c•Á & [ç^!â} *Á&æ!^Á- [!Ác@^â!Á•^ {]c [{ •Áæ}âÁc@æcÁc@^!^Áæ!^Á { ^}cæ!Áæ}âÁ]@^•â&æ|Á& []•^~^}&^•Á, @^}Áà^}^, c•Áæ!^Á delayed or denied due to documentation and gender issues.

RESTRAINT: WHERE POLICY MEETS PRACTICE **Georgia Georgetta Oropeza**

Diane Holliman, Ph.D., Faculty Mentor
Department of Social Work

Restraint and seclusion historically have been utilized to control mal-adaptive behaviors. Over the past decade the practice of restraint and seclusion has increased in educational settings as has the scrutiny of its use. As risks and results of restraint to include death, physical injuries, and emotional trauma have been brought to the public's attention so has the concern surrounding the lack of governance. The purpose of this research is to investigate the use of physical restraint and seclusion in educational settings to include policies and practices across the United States and in China. Results revealed that there is a need for the use of restraint and seclusion however, due to the lack of clear policies and practice guidelines children in the United States and abroad are at continued risk of serious injury and or death.

