

SESSIONS

Thursday, April 4, 8:30 – 9:20 AM

Session A1: Historical Developments & Music - McCaleb Room Zone A

Mozart in the Desert: The Effects of Classical Music in Israel

Parker Gordon

Music in Colonial America

Justin Webb

Camp Bowie during World War II

Sarah Holley

Session A2: International Issues - McCaleb Room Zone B

Culture and Community in Uruguay

Jaymee Myller

The Myth Behind the Eastern Congo Crisis

Michel Mfashingabo

Analysis of Political Inequality

Kholo Theledi

Session A3: Research in STEM - AT&T Theater

PyCBC: A Toolkit for Advanced-Detector Era Gravitational Wave Data Analysis

Andrew Miller

Investigations of the Complex Number Derivative

Adam Simpson

Imaging sound to measure thermal contact between AIN and Si

Adam Simpson

Session A4: Drugs, Enzymes, and Oil Spills – LYNAY Classroom

Visualizing Druggable Sites in LSD1

Nate Hurley

*Possible protein interaction between enzymes of the mevalonate pathway in *E. faecalis**

Travis King and Bukola Adebisin

Community Succession in a Tallgrass Prairie Following Bioremediation of a Crude Oil Spill

Emily Adams and Samantha Saldivar

Thursday, April 4, 9:30 – 10:50 AM

Session B1: Gender & Sexuality - McCaleb Zone A

The Ethics of Gender-Neutral Work Environments

Jess Weeden

Examining Gender Relations in the Book of Twilight

Dylan Brugman

Wonder-ish Woman: Has Feminism Really Changed the Roles of Women in Superhero Movies?

Brittany Taraba

Intergroup Contact, Acceptance of Gender Non-Conformity, Biblical Viewpoints and Attitudes Towards Gays and Lesbians

Georgiann Goodwin

Session B2: Literary Analysis #1 - McCaleb Zone B

Emerson vs. Darwin: The Philosophical Dialogue in Melville's Billy Budd, Sailor

Hutton Brown

Epiphanies as a Structure in "A Portrait of the Artist as a Young Man"

Rebekah Horton

Christianity in Don Quixote

Jessi Allen

Finding Isolation and Independence in a Patriarchal Society

Meghan Reynolds

Mythic Elements of Modern Fiction

Chris Fields

Session B3: Economic Models – LYNAY Classroom

Common Senselessness - An Exploration of Factors Affecting Stochastic Dominance Violations in Choice

Lilly Assaad

Online Shopping: How do ratings and reviews actually affect it?

Lilly Assaad

The Effect of Church Size on Financial Transparency among Churches of Christ in the United States

Jared Poole

Corporate Social Responsibility: We know what consumers say, but will they pay?

Megan Wixon & Allison Phillips

Session B4: Education & Vocational Training - AT&T Theater

Analysis of Grade School Science Textbooks as a Propaganda Tool for the Prohibition Movement

Megan Claycomb

Origins and Continuities in Western Education: A Comparative Study of Humanist Educators

Luke Morgan

The Study of Vocational Training in the FaithWorks of Abilene Program

Justin Duggar

The role of reading response in two elementary classrooms: A comparative case study

Kaitlyn Howell & Ellen Smith

Rediscovering Acedia

Sabrina Wegner

Thursday, April 4, 11:00 – 11:30 AM

Chapel with Dr. John Delony – LYNAY Classroom

Thursday, April 4, 11:35 – 12:30 PM

Lunch: McCaleb Room Zone C
(Pre-registration required)

Thursday, April 4, 11:45 – 12:35 PM

Poster Session I: McCaleb Room Zone C

Comparison of Four Commercially-Available Soil Testing Kits to Two Professional Labs for Nitrate, Potassium, Phosphorus, and pH

Jessica Epps

*Natural transformation and the *tapY1* gene sequence in *Aeromonas salmonicida**

Kristin Goodwin

*Establishing *recA* as a Gene Involved in Natural Transformation among *Aeromonads**

Zack Morgan

*Manipulation and Application of *Wolbachia**

Tori Moore

*Biocontrol of *Wolbachia* in Horn Flies*

Kande Jones

Distributed Drug Discovery for Tropical Disease Treatments

Cliff Pruett

Validation of a Clinical Assay for Measuring Iodine in Patient Urine by ICP-MS

Aryea Hurley

Klotbo protects lung epithelial cells against oxidant DNA damage

Blaine Smith

*Interaction between Synthase and Fusion Proteins in *Enterococcus faecalis**

Alex Clendening

*Estimation of the paleoniche of *Mentzelia thompsonii* (Loasaceae)*

Jonathan Stites and Elizabeth Lurz

Molecular systematics of the Ophiuroidea using both nuclear and mitochondrial DNA

Alexander Hill and Zachary Kroeger

Benign Conduction Abnormalities in Response to Acute, Moderately-High, Simulated Altitude Exposure

Bryce Geeslin, Nicole Priest, and Amy White

Social media and social learning: Expanding classroom walls

Alex Reed

Counting Christians and Their Conditions in the Middle East

Caleb Hughes and Elizabeth Koepke

Flipped English Classroom Study

Ashley Alexander

The Interconnections of Brain Waves and Radio Waves

Sarah Floris and Sarah Gubachy

Thursday, April 4, 12:40 – 1:30 PM

Poster Session II: McCaleb Room Zone C

*Climate Niche Comparative Analysis of *Vulpes Velox* and *Vulpes macrotis**

Aubrey Palmer

Peanut Butter and Justice: The Implications of Structural Violence on the Work of MANA Nutrition

Kalyn Prince, Sarah Tutor, and Christen Herrod

*Genetic barcodes in *Mentzelia*: *Mentzelia albicaulis* and relatives*

Christian Hofsommer & Tina Johnson

An epigenetic approach to insecticide resistance

Evan Jones

ClpA/clpS* genes and Natural Transformation in *Aeromonas

Kathryn Davis

Utility of Two iPhone Device Apps in Assessing Heart Rate at Rest and During Activity

Amy White, Bryce Geeslin, and Nicole Priest

*Habitat Distribution of *Cathartes Aura* and *Coragyps Atratus**

Logan Smith

Analysis of the Interaction between Chromium Diimine Metal Complexes and DNA

Toyosi Adewunmi

Assessing the Role of Chromatin Remodeling Proteins in Driving Transcription After the Binding of TBP and RNAPII

Alice Hodde

*Characterization of acetoacetyl-CoA thiolase using PCR and expression in *Escherichia coli**

Luke Sorrell

Exercise Knowledge, Exercise Beliefs, Physical Activity Engagement and Physical Function in Older Adults

Nicole Priest, Amy White, and Bryce Geeslin

Social Modeling in Media from Aardvarks to Zombies: A comparison of prosocial and aggressive themes in Mattel's Monster High and Public Broadcasting System's Arthur

Elizabeth Ellery

Lagniappe: an unexpected gift

Stephanie Fink

*Phylogenetic relationships in the rodent genus *Thomasomys**

Tanya Daughtry and Gina Khong

Chemotherapy's Major Flaw: Revealing Stress' and Dexamethasone's Counter-Productivity in Chemotherapy

Benjamin Cobb

Thursday, April 4, 1:30 – 2:50 PM

Session C1: Issues in Education - McCaleb Room Zone A

Persistent Factors of Parental Involvement in Secondary and Post-Secondary Education

Lauren Atkinson

Factors Influencing College Attendance in Adopted Children

Jennifer Carpenter

How Far Will You Go?: College Students' BFI-10 Personality Traits and Distance from Home

Avia Gray

Content Analysis Of Student and Company Reactions To A University Internship Program

Ashley Truong

College Students and their Helicopter Parents: Finding the Right Distance to Hover

Sara Pelfrey, Stephen Case, & S. Grant Williams

Session C2: NIFTE, SeaQuest & PHENIX - McCaleb Room Zone B

Hodoscope Base Repair for the SeaQuest Collaboration

Kyle Bowling

Development of a clean glove box for the NIFFTE collaboration

Spenser Lynn

Drift Chamber Construction Quality Control for SeaQuest

Andrew Boles

Improving the Performance of Restive Plate Chambers to Learn More about the Internal Structure of the Proton

Aric Tate

Monitoring the Intensity of the Beam for SeaQuest

Noah Kitts

Session C3: Literary Analysis #2 - LYNAY

A Portrait of the Mother as Exile: Bertha's Importance in Exiles

Katy Smith

Physicians in the Literature of Arthur Conan Doyle and Robert Louis Stevenson: Portraying the Icons of Changing Times

Heather Kregel

Ancestral Guilt and Utopian Resolutions: Hawthorne on Past and Present

Katelyn Werner

Hysteria in the Turn of the Screw and "The Yellow Wall-Paper"

David Gasvoda

Always Watching: An Analysis of the Portrayal of Gods in Geoffrey Chaucer's "Knight's Tale" and Tony Marchant's Modern Version Produced by the BBC

Whitney Noel

Session C4: Alumni Conference Room

Should I Trust Them?: Testimony and Theological Authorities

John Kern

Praise Thy Mount, I'm Fixed Upon it: Finding a way to Believe God, Believe in His Goodness, and Believe in His Ability to Restore Humanity's Pain

Amanda Duke

Interreligious Dialogue: A Pathway to Peace

Matt Bell

Alone With God in Lament

Joshua Brandon

Thursday, April 4, 3:00 – 4:20 PM

Session D1: Modern Culture - McCaleb Room Zone A

More than Just a Piece in Their Games: A Rhetorical Analysis of Identification in "The Hunger Games"

Toni Maisano

Influencing Unity: Analysis of Common's "The People"

Jamilah Spears

The Story of the Shepard: Finding Wisdom in Mass Effect 3

Daniel Archer

Working with Nature in the Little House: The Struggles and Freedoms Provided by Life on the Western Frontier

Audrey Schaffner

Session D2: Drama, Film & Culture - Alumni Conference Room

Drama Therapy and the Treatment of Eating Disorders

Katherine Bendel

Appreciating Film through Classical Music

Parker Gordon

"That Merry Wanderer": Transforming Puck on Stage and Screen

Kathryn Ballinger

Taken: An Analytical Look behind the Film

Kaylen Runyan

The Evasive Truth

Jacob Woods

Session D3: Classroom Teaching, Floors & Computers - AT&T Theater

Implementing Wake-on-LAN in Institutional Networks

Patrick Luberus

New Materials Containing Two Osmium Atoms

Audrey Fikes and Nigel Gwini

Augmented Reality Applications in Science Lab Curriculum

Marissa Marolf

Bridges on a Tile Floor

David Reynolds

Thursday, April 4, 5:30 – 6:30 PM

Awards Ceremony and Dinner in the McCaleb Conference Room Zone C

(Pre-registration required)