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 AlN 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 Adebesin
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 Quijote
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

Klotho 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 Sikes 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 Diamine 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)