**PROGRAM AT A GLANCE**

**Tuesday, April 11**

5:00 p.m. – 6:15 p.m.  Student Debate: This House Believes that Violent Protests are a Legitimate Counter Action to Oppression

7:00 p.m. – 8:30 p.m.  Liberty and Justice for All? Race, Sexuality, and Citizenship in the Wake of the Holocaust and Jim Crow South

**Wednesday, April 12**

9:00 a.m. – 10:30 a.m. Paper Session I

11:00 a.m. – 12:30 p.m. Paper Session II

12:00 p.m. – 1:30 p.m. Pizza Lunch for Symposium Participants and Faculty Sponsors, Student Union Ballrooms

1:30 p.m. – 3:00 p.m.  Paper Session III

3:30 p.m. – 5:00 p.m.  Paper Session IV

7:00 p.m. – 8:00 p.m.  3-Minute Video Research Competition

**Thursday, April 13**

9:00 a.m. – 10:30 a.m. Paper Session V

11:00 a.m. – 12:30 p.m. Paper Session VI

12:30 p.m. – 1:30 p.m. Lunch Break

1:30 p.m. – 3:00 p.m.  Paper Session VII

3:30 p.m. – 5:00 p.m.  Paper Session VIII

6:00 p.m. – 7:30 p.m.  Poster Session and Reception, Student Union Ballrooms

7:30 p.m. – 7:50 p.m. Awards Ceremony, Student Union Ballrooms

All Paper Sessions, the Student Debate, and the 3-Minute Video Competition will be held in the Student Union Theatre
5:00 P.M. – 6:15 P.M. STUDENT DEBATE
(STUDENT UNION THEATRE)

Moderator: Dr. Michael Eaves, Department of Communication Arts

DEBATE TOPIC: THIS HOUSE BELIEVES THAT VIOLENT PROTESTS ARE A LEGITIMATE COUNTER ACTION TO OPPRESSION

Speaker of the House: Dr. Michael Eaves

Pro: Kelsey Townsend and Musiteli Mubuso

Con: Nathalie Jaimes-Arias and Hannah Tabrizi
TUESDAY, APRIL 11, 2017

7:00 P.M. –8:30 P.M.  LIBERTY AND JUSTICE FOR ALL? RACE, SEXUALITY, AND CITIZENSHIP IN THE WAKE OF THE HOLOCAUST AND JIM CROW SOUTH (STUDENT UNION THEATRE)

Moderator: Dr. AJ Ramirez, Department of Women’s and Gender Studies

“For Homosexuals the Third Reich Hasn’t Ended Yet:’ Memory, Victimhood, and the Law in West Germany”
Dr. Jake Newsome, United States Holocaust Memorial Museum

“For African Americans, Jim Crow Hasn’t Ended Yet: Jury Verdicts and Justice from the Gilded Age to the Present”
Dr. Thomas Aiello, Department of History, Valdosta State University
9:00 A.M. – 10:30 A.M.  PAPER SESSION I (STUDENT UNION THEATRE)

Moderator: Dr. Lavonna Lovern, Department of Philosophy and Religious Studies

“Chemistry Meets Key West: Modifying a Science and Culture-based GPS Tour of America’s Southern Most City”
Megan D. Slater, Domonique S. Arrington, Shannon M. Pendleton, and Joanna H. Thomas
Department of Chemistry
Dr. Thomas Manning, Faculty Adviser

“Wittgenstein’s 1929 Lecture on Ethics: Does Wittgenstein Claim Ethical Judgements are Meaningless?”
Dan Thomas Nix
Department of Philosophy and Religious Studies
Dr. Lavonna Lovern, Faculty Adviser

“Can We Adopt Ethnobotany from Latin America?”
Alexis Le’Crease Rumph
Department of Modern and Classical Languages
Drs. Grazyna Walczak and Michael Savoie, Faculty Advisers
11:00 A.M. – 12:30 P.M. PAPER SESSION II (STUDENT UNION THEATRE)

Moderator: Dr. Mary Block, Department of History

“Brexit: The Driving Factors Behind the Vote to Leave the European Union”
Connor McCarthy
Department of Political Science
Dr. James T. LaPlant, Faculty Adviser

“The Infrastructure of the Information Society”
Kyle Bragg, Victoria Chambless, and Charles Felts
Department of Computer Science
Dr. Chunlei Liu, Faculty Adviser

“Social Media Gives Black Eye to Black Lives Matter Movement”
Kendra Danielle Wilson
Department of English
Ms. Barbara Ann Warren, Faculty Adviser

BLACK LIVES MATTER

“Donald Trump: A Racially Discriminatory Past and Possibly Future”
Kianna Thompson
Department of Management and Healthcare Administration
Mr. Tony Thomas, Faculty Adviser
1:30 p.m. – 3:00 p.m.  Paper Session III (Student Union Theatre)

Moderator: Dr. Tom Aiello, Department of History

“Does Sharing the Same Native Language Mean Sharing the Same Errors in a New Language? A Case Study of a Japanese English Language Learner”
Liesa Marie Stangenberg
Department of Modern and Classical Languages
Dr. Michelle Ocasio, Faculty Adviser

“Duck and Cover! Atomic Energy, Civil Defense Education, and Neoliberalism”
Audrey Whittle
Department of Philosophy and Religious Studies
Dr. Lavonna Lovern, Faculty Adviser

“The Effects of a Native Language on Trombonists’ Playing Abilities”
Melissa Wilcox
Honors College
Dr. Christine James, Faculty Adviser

“Eugenics as Genocide: An Untold Secret in the United States”
Destiny N. Wilkinson
Native American Studies Program
Dr. Lavonna Lovern, Faculty Adviser
3:30 p.m. – 5:00 p.m.  Paper Session IV (Student Union Theatre)

Moderator: Dr. Fred Knowles, Department of Criminal Justice

“First in Freedom State’ Passes Bill to Sideline Transgender Freedom: An Analysis of Legislative Voting Behavior on House Bill 2”
Kelah M. Hendon
Department of Political Science
Dr. James T. LaPlant, Faculty Adviser

“Technology or Interpreters?”
Susanna Peonia
Department of Modern and Classical Languages
Dr. Ericka H. Parra, Faculty Adviser

“The Impact of Transgender People in the Media”
Kameri Jamille Johnson
Department of Communication Arts
Dr. Nicole Cox, Faculty Adviser

“Sor Juana’s Defense of Indigenous Peoples of New Spain, Mexico, and Women”
Jalene Rosetta Snowden
Department of Modern and Classical Languages
Dr. Ericka H. Parra, Faculty Adviser
7:00 P.M. – 8:00 P.M.  3-MINUTE VIDEO RESEARCH COMPETITION (STUDENT UNION THEATRE)

The Undergraduate Research Council (URC) of Valdosta State University invited undergraduate students to showcase their original research through the making and presenting of a 3-minute video. The top six student videos were chosen by the URC to be presented live at the 23rd Annual Undergraduate Research Symposium. Three winners will be chosen by a panel of judges to win cash prizes and have their videos, upon further editing, highlighted on the Valdosta State University website.

Top Six Finalists:

Hunter Pope, “How to Use the Bathroom Appropriately”
Department of Art
Dr. Glenda Swan, Faculty Adviser

Patrick Hilgert, “IK Animation Study”
Department of Art
Mr. Hollis Barnett, Faculty Adviser

Kyle Wilkerson, “Giardiasis Treatment”
Department of Chemistry
Dr. Thomas Manning, Faculty Adviser

Laquetta Wysong, “Marine Chem Goes Coral: Getting Ready for the Keys”
Department of Chemistry
Dr. Thomas Manning, Faculty Adviser

Department of Chemistry
Dr. Thomas Manning, Faculty Adviser

Thomas Lebsekal and Tyler Ziegler, “Development of an Electronic Control System”
Department of Physics, Astronomy, Geosciences, and Engineering
Dr. Barry Hojjatie and Mr. George Mellors, Faculty Advisers
THURSDAY, APRIL 13, 2017

9:00 A.M. – 10:30 A.M. PAPER SESSION V (STUDENT UNION THEATRE)

Moderator: Dr. Michael Savoie, Honors Program

“Analyzing the Rescue Drone Maneuvering in the Windy Environment”
Dongwook Gweon and Jongmin Park
Department of Physics, Astronomy, Geosciences, and Engineering
Dr. Barry Hojjatie and Mr. George Mellors, Faculty Advisers

“Diversity in Children’s Toys”
Dahnea Finkley
Department of Communication Arts
Dr. Nicole Cox, Faculty Adviser

“A Comparative Analysis of the Lives of Andrei Chikatilo, Tsutomu Miyazaki, and Dennis Rader”
Nicholas A. Anderson
Department of Sociology, Anthropology, and Criminal Justice
Mr. Brandon Atkins, Faculty Adviser

“Legalizing Prostitution”
Lauren Horne
Department of Philosophy and Religious Studies
Dr. Christine James, Faculty Adviser
Moderator: Ms. Emily Rogers, Odum Library

“Neustadt’s Analytical Framework and Lyndon B. Johnson's Presidential Power – ‘The Power to Persuade’”
Stone Sirmans
Department of Political Science
Dr. Marc G. Pufong, Faculty Adviser

“Coral Restoration in the Florida Keys: A Novel Solution to a World Wide Problem”
Sarah E. Godfrey, Pavan D. Patel, and Laquetta Wysong
Department of Chemistry
Dr. Thomas Manning, Faculty Adviser

“Prediction and Estimation of Population Size Using Interpolation and Lagrange Polynomal”
Walter Hufstetler and Sean Heeney
Department of Mathematics
Dr. Jemal Mohammed-Awel, Faculty Adviser

“Industry 4.0: Current Practices of Leading Countries”
Jeepil Jang
Department of Management and Healthcare Administration
Dr. Taewon Hwang, Faculty Adviser
1:30 P.M. – 3:00 P.M. PAPER SESSION VII (STUDENT UNION THEATRE)

Moderator: Dr. Glenda Swan, Department of Art

“Diversity in Disney: The Portrayal of Minorities in Disney Films”
Tiandra Mundy
Department of Communication Arts
Dr. Nicole Cox, Faculty Adviser

“Exploring False Positives/Negatives on Classifying African Americans and Caucasians Using the Static-99”
Rebecca Bingham
Department of Sociology, Anthropology, and Criminal Justice
Dr. Bobbi Ticknor, Faculty Adviser

“Breaking the Binary: Indigenous Understandings of Gender and Their Importance Today”
Audrey Whittle
Native American Studies Program
Dr. Lavonna Lovern, Faculty Adviser

“Building a Robot and an Electronic Control System”
Steven Remington, Robert At nip, Tyler Zeigler, and Thomas Lebsekal
Department of Physics, Astronomy, Geosciences, and Engineering
Dr. Barry Hojjatie and Mr. George Mellors, Faculty Advisers
3:30 P.M. – 5:00 P.M.  PAPER SESSION VIII (STUDENT UNION THEATRE)

Moderator: Dr. Marc Pufong, Department of Political Science

“Troubled Seas and Scattered Blossoms: Nature Images in Elegiac Anglo-Saxon and Japanese Poetry of the Medieval Period”
Audrey Whittle
Department of English
Dr. Maren Clegg-Hyer, Faculty Adviser

“The Emergence of Symbolic Reasoning and Symbolic Notation from Ancient Times to the 17th Century”
Patsy Kirkland, Margarita Bustos Gonzalez, James Henderson, Roxi Barkley, and Callie Ragan
Department of Mathematics
Dr. Iwan Elstak, Faculty Adviser

“The Mexican Revolution and the Literature of Ricardo Flores Magón”
Roberto Carrillo
Department of Modern and Classical Languages
Dr. Grazyna Walczak, Faculty Adviser

“An Ideological Analysis of Modern Family’s Representation of Homosexuality”
Chris Elkins and Will De Lorenzo
Department of Communication Arts
Dr. Nicole Cox, Faculty Adviser
6:00 P.M. – 7:30 P.M. POSTER SESSION AND RECEPTION (STUDENT UNION BALLROOMS)

7:30 P.M. – 8:00 P.M. AWARDS CEREMONY AND PRESENTATION OF BEST POSTER AWARDS (STUDENT UNION BALLROOMS)

Welcome: Dr. James LaPlant
Symposium Coordinator

Remarks: Dr. Brian Gerber
Interim Provost and Vice President for Academic Affairs

Presentation of Best Poster Awards

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POSTERS

ART

“Women at the Bath”
Casey Lynn Daniel
Dr. Glenda Swan, Faculty Adviser

BIOLOGY

“Analysis of Gunnison’s Prairie Dog Alarm Calls”
Carson Bartley, Summer Bryant and Mariah Oeser
Dr. William Loughry, Faculty Adviser
“Consolidation of Hagfish Research in an Interactive, Virtual Library”
Daniel W. Pinya III
Dr. Ted Uyeno and Mr. Michael Holt, Faculty Advisers

“Distribution of GABA-Like Immunoreactivity in the Central Nervous System of the Blue Crab”
Angela Bass and Hannah Nettles
Dr. Timothy J. Fort, Faculty Adviser

“Do Pine Stands Act as a Barrier to Spanish Moss Dispersion?”
Nia Keyes and Abigail Schwartz
Dr. Corey Devin Anderson, Faculty Adviser

“Light Filters and Irregular Leaf Spot of Peanut”
Ariel Sharia Roddy
Dr. Emily Cantonwine, Faculty Adviser

“Survey of Lichens at Valdosta State University”
Jason Webster
Dr. Emily Cantonwine, Faculty Adviser

“The Effects of Clearing Agents on Peanut Leaflets”
Ariel Sharia Roddy
Dr. Emily Cantonwine, Faculty Adviser

“Variation of Alarm Calls of Gunnison’s Prairie Dogs”
Summer Bryant, Carson Bartley, and Mariah Oeser
Dr. William Loughry, Faculty Adviser
“A 24 Hour Lab: A Hands on Elongated View of the Ocean”
Dr. Thomas Manning, Faculty Adviser

“A Simple Approach to Immobilization of Intercalated Dye on Cotton Fabric for Acid Recognition”
Cera T. Hsu and LaTarsha Taylor
Dr. Tolulope O. Salami, Faculty Adviser

“Building a Remote Operated Vehicle to Carry a GoPro for Underwater Exploration”
Megan D. Slater, Weldon C. Lane, Garett Crooks, and Richard D. Williams
Dr. Thomas Manning, Faculty Adviser

“Cancer Drugs and Drug Delivery Systems”
Andrew Harvin, Ashley Pitts, Jordan Harrell, Ryan Green, Aaron A. Ford, and Kahdeja Patrick
Dr. Thomas Manning, Faculty Adviser

“Cancer Drugs and Potential Carriers”
Cheyenne Ervin, Weldon C. Lane, Sterling Serfoss, and Megan D. Slater
Dr. Thomas Manning, Faculty Adviser
“Carbon Graphene Sheets and Nanotubules as Drug Carriers for Cis-Platin and Paraplatin”
Waleed Al-harby, Tiffany Brown, Ashley Butts, Chelsea Jackson, Briceton McNair, and Rechelle Woods
Dr. Linda de la Garza, Faculty Adviser

“Carbon Structures As Drug Carriers for Cisplatin, Lomustine, and Mustargen”
Ashley Frazier, Zach Crews, Mitchell Wheeler, Garrett Cook, Shannon Pendleton, and Ja’marrius Thomas
Dr. Thomas Manning, Faculty Adviser

“Carbon Structures as Drug Carriers for Temozolomide and Lomustine”
Ariana Cooper, Carson Bartley, Faatihah Meunier, and Kory Burns
Dr. Thomas Manning, Faculty Adviser

“Easily Ionizable Elements and Chemical Equilibrium in a Flame”
Alexander J. Burch, Kory D. Burns, Andres Contreras, Ian D. Dyson, Cera T. Hsu, Sumin Kim, Weldon C. Lane, Ashley E. Pitts, Megan D. Slater, Devante D. Smedley, Joanna H. Thomas, Bernabe Tucker, and Ann K. Williams
Dr. Thomas Manning, Faculty Adviser
“Graphene and Carbon Nanotubes as Drug Carriers for Busulfan, Chlorambucil, and Cytoxan”
Michelle Bentivegna, Andres Contreras, Ian Dyson, Brittney Gatewood, Derek Hathaway, and Kyle Wilkerson
Dr. Thomas Manning, Faculty Adviser

“Quantification of Acetaminophen in Over-The-Counter Medication with Cyclic Voltammetry”
Weldon C. Lane
Dr. Linda de la Garza, Faculty Adviser

“Reaction of Peroxynitrite with Sugar Complexes of Coumarin Boronic Acid”
Weldon C. Lane
Dr. Yakov Woldman, Faculty Adviser

“Spectroelectrochemical Characterization of Iron (III) Oxide Nanoparticulate Films”
Ann K. Williams
Dr. Linda de la Garza, Faculty Adviser

“Synthesis of Chiral Amines on Silica Surfaces”
Alexander Burch
Dr. John T. Barbas, Faculty Adviser

“Synthesis of Hematite Nanocrystalline Colloidal Solutions from Rust for Use in Photoelectrochemical Cells”
Allison B. Taylor
Dr. Linda de la Garza, Faculty Adviser

“Strategic Exercises in Vocabulary: Turning a Puzzle into a Patent”
Ashley D. Butts, Jordan P. Harrell, Ann K. Williams, Sterling A. Serfoss, Bernabe Tucker, Megan D. Slater, and Kory D. Burns
Dr. Thomas Manning, Faculty Adviser
Dr. Thomas Manning, Faculty Adviser

COMMUNICATION ARTS

“A Gender Studies Analysis of How Gender Roles are Presented in Steven Universe”
Kyle Breaux and Marcia Miles
Dr. Nicole Cox, Faculty Adviser

“A Semiotic Analysis of The Great Gatsby”
John Bickel and Hunter Howle
Dr. Nicole Cox, Faculty Adviser

“Gender Study of Think Like a Man”
Raven Poole and Tiandra Mundy
Dr. Nicole Cox, Faculty Adviser
“Harry Potter and the Signs of Moral Uncertainty”
Avery Stephen and Tyler Singleton
Dr. Nicole Cox, Faculty Adviser

Kyle Dawson
Dr. Nicole Cox, Faculty Adviser

COMMUNICATION SCIENCES AND DISORDERS

“Classification of Taste Using 6-n-Propylthiouracil Strips”
Anne N. Baldwin and Reagan E. Plymale
Drs. Ruth Renee Hannibal and Crystal Randolph, Faculty Advisers

“Interprofessional Collaboration of Students in Communication Sciences and Disorders (CSD) and Nursing Providing Communication and Vital Sign Screenings”
Laura Bennett, Kammi Blackwelder, Katie Childers, Jordan Dowd, S. Jaye Hilliard, Brandy Morgan, Erica Morris, and Kirsten Williams
Drs. Ruth Renee Hannibal, Crystal Randolph and Laura Carter, Faculty Advisers

“The Effect of Egocentrism on Vocabulary Development”
Patrick Elliott
Drs. Ruth Renee Hannibal and Crystal Randolph, Faculty Advisers
“The Effect of Taste and Temperature on Lingual Swallowing Pressure”
Victoria Sandefur
Ms. Melissa Carter, Faculty Adviser

“The Textbook Conundrum: CSD Students’ Textbook Preferences”
Julie Tapp
Drs. Ruth Renee Hannibal and Crystal Randolph, Faculty Advisers

COMPUTER SCIENCE

“Automatic Segmentation of Spanish Moss in Outdoor Imagery”
Wesley Cook
Dr. Radu Mihail, Faculty Adviser

“Counting Leaves with AVL Tree”
Deryck Black and John Anthony Dobson
Dr. Anurag Dasgupta, Faculty Adviser

“Learning Sky Appearance: Discriminative Models for Sky Segmentation”
Marco Tupaz Colasito
Dr. Radu Mihail, Faculty Adviser
“Malicious Vectors of Networking in Standard Computing Environments”
Charles Felts, Jeff Haineault, Chloe Kimble, and Rene Perez
Dr. Sudip Chakraborty, Faculty Adviser

EARLY CHILDHOOD AND SPECIAL EDUCATION

“Literacy and Culture: A Perspective from A Cross-Cultural Cross Section”
Ansley R. Watson
Dr. Lucia Lu, Faculty Adviser

“Literacy and Culture: A Perspective from Ethiopia”
Willie Slaughter
Dr. Lucia Lu, Faculty Adviser

“Literacy and Culture: A Perspective from Finland”
Kaylee Brown
Dr. Lucia Lu, Faculty Adviser

“Literacy and Culture: A Perspective from Germany”
Shelby Cardin
Dr. Lucia Lu, Faculty Adviser

“Literacy and Culture: A Perspective from Honduras”
Gabriel Virgil
Dr. Lucia Lu, Faculty Adviser

“Literacy and Culture: A Perspective from Korea”
Justin Adcock
Dr. Lucia Lu, Faculty Adviser

“Literacy and Culture: A Perspective from Mexico”
Ricki M. Hardy
Dr. Lucia Lu, Faculty Adviser
“Literacy and Culture: A Perspective from Puerto Rico”
Markesia Barron
Dr. Lucia Lu, Faculty Adviser

“Literacy and Culture: A Perspective from the Bahamas”
Madison Tew
Dr. Lucia Lu, Faculty Adviser

“Literacy and Culture: A Perspective from Vietnam”
Kerri Cheek
Dr. Lucia Lu, Faculty Adviser

“Using Charlotte’s Web to Teach the Life Cycle of Spiders”
Alexandra K. Smit
Dr. Lucia Lu, Faculty Adviser

“Using My Fair Lady to Teach ELA and Social Studies”
Leslie A. Platt
Dr. Lucia Lu, Faculty Adviser

“Using Pride & Prejudice to Demonstrate Social Institutions in Family, Economics, Politics, Religion, Marriage, and Social Status”
Vanessa Benitez and Leanna Stuckey
Dr. Lucia Lu, Faculty Adviser

“Using the African American Maid’s Point of View from The Help to Inform the Social Racism of the US in the 1960’s”
Lisa Taylor, Connor Holton, and Christiana Ellington
Dr. Lucia Lu, Faculty Adviser

“Using The Lion King to Teach the Life Cycle of the Animals in Africa”
Hannah Brooks, Katie Mueller, and Asia Foster
Dr. Lucia Lu, Faculty Adviser
“Using The Piano to Demonstrate the Beauty and Effect of Sign Language”
Sarah E. Dorsey and Janice M. Kayse
Dr. Lucia Lu, Faculty Adviser

ENGLISH

“Lewdness in The Country Wife”
Kimberly Eva Cannon
Dr. Anne Greenfield, Faculty Adviser

THE COUNTRY-WIFE,
A COMEDY,
As it is acted at the THEATRE ROYAL.
Written by Mr. Wycherly.

Engrav'd on pewter plates, and published at
London, by Mr. Bowyer, at the Bear and
Horse, at the Crosses in St. Paul's Churchyard.

HEALTH SCIENCES

“Effects of High-Intensity Interval Training on Ambulatory Blood Pressure in Prehypertensive Adults”
Kristopher D. Dawson and Aubrey M. Sweeney
Dr. Dharini M. Bhammar, Faculty Adviser

“Utility of Verification Testing for Validating Maximal Oxygen Uptake Measurement”
Bradley K. Collins and Kristopher D. Dawson
Dr. Dharini M. Bhammar, Faculty Adviser
Mathematics

“State of Georgia Population Estimates and Projections Using Natural Polynomial Splines Constructed Using Existing Data”
Walter Hufstetler and Sean Heeney
Dr. Jemal Mohammed-Awel, Faculty Adviser

Modern and Classical Languages

“Second Language Acquisition and the Critical Period Hypothesis”
Hannah Farmer
Dr. Victoria Russell, Faculty Adviser

“The Effect of Processing Instruction on the Acquisition of Japanese Passives and Honorifics by Native English Speakers”
Amber York
Dr. Victoria Russell, Faculty Adviser

Native American Studies

“The Debate Regarding the Founders of the ‘New World’”
Erin Taylor Shaw
Dr. Lavonna Lovern, Faculty Adviser

“The End of the Mayan Empire: Not the End of the Maya”
Geena Cherisse Hollis
Dr. Lavonna Lovern, Faculty Adviser
“The History of Diabetes in Native American Communities”
Manuela Francesca Gugliotta
Dr. Lavonna Lovern, Faculty Adviser

NURSING

“Behavioral Effects on Fetal and Infant Mortality”
Miranda Bullard, Darbi Hilliard, Taylour Mason, Jian Li Wu,
and Timyia Smith
Ms. Paige Krispin, Faculty Adviser

“Effects of Obesity and Breast Cancer: A Literature Review”
Joseph Crotty, Abigail Johnson, Angel Moss, and Juawana Stringer
Ms. Laura Carter, Faculty Adviser

“Focusing on Patient Education to Reduce Readmission Rates Related
to Congestive Heart Failure”
Kara Crotty, Hope Summers, Jodi-Ann Johnson, and Janyne Musso
Dr. James Holland, Faculty Adviser

“Impact of Healthcare Access on Complications Related to Type 2
Diabetes in African Americans”
Alex Horton III, Courtney Merrion, Katrina Solomon, and Shelby Cannon
Dr. James Holland, Faculty Adviser

“Improving Sexual Education in Adolescence and Young Adults to
Prevent the Spread of HIV/STDs”
Kristie Dixon, Breonna Walker, Gabrielle Ash, Nicole Lee, and
Ashley Pritchett
Ms. Pinckney McGhin, Faculty Adviser
“Interventions to Prevent Necrotizing Enterocolitis in Preterm Infants”
Wesley Alston, Karen DeLeon, Jetta Kimachinde, and Mariah Tucker
Mr. Scott O’Quinn, Faculty Adviser

“Major Risk Factors Affecting Cardiovascular Health in the
United States”
Heather Streichert, Chelsea Coneway, Linda Jimenez, and Kenyatta Miller
Ms. Donna Corbitt, Faculty Adviser

“Sexual Health Education and Teenage Pregnancy and STI Rates”
Stephanie Barritt, Kylie Fischer, Jessica Londono, Devon Simmons, and Savannah Ward
Ms. Michele Blankenship, Faculty Adviser

“The Effect of Financial Stability on Pregnancy, Childbirth, and
Neonatal Health Care”
Jeffrey Behrman, Jared Galbreath, Madeline Marsh, Lovell Simpkins, and Haley Wheeler
Ms. Jennifer Lawson, Faculty Adviser

“The Importance of Maternal Pre-Conceptual Health”
Jayla Abbott, Shannon Thompson, Brienna Daly, Ryan Pearson, and Savannah Jones
Ms. Deborah Sauls, Faculty Adviser

PHILOSOPHY AND RELIGIOUS STUDIES

“Land of the Free: Standardized Testing and Democracy in the
United States”
Alisa Marie Pappas
Dr. Lavonna Lovern, Faculty Adviser
“Law Enforcement: The Use of Force”
Harry Campbell
Dr. Lavonna Lovern, Faculty Adviser

“Playing by the Rules: Wittgenstein’s Philosophy and Literary Criticism”
Audrey Whittle
Dr. Lavonna Lovern, Faculty Adviser

“Reviewing Luce Irigaray’s Works in Philosophy”
Maya Angeline Mapp
Dr. Lavonna Lovern, Faculty Adviser

“The 14th Dalai Lama and the U.S. Presidents: The Struggle for Tibetan Independence in the 1960s”
Katherine Yancey
Dr. Cristóbal Serrán-Pagán y Fuentes, Faculty Adviser

PHYSICS, ASTRONOMY, GEOSCIENCES, AND ENGINEERING STUDIES

“A Petrologic and Petrographic Analysis of Sandstones from the Broxton Rocks Exposure, Broxton, GA”
Eric Lee Parrish
Dr. Mark Groszos, Faculty Adviser

“Advances in 4-D Printing”
Steven Remington
Dr. Barry Hojjatie, Faculty Adviser
“An Analysis of Fracture Systems in the Upper Suwannee River, North Florida”
Kendall Brown
Dr. Mark Groszos, Faculty Adviser

“An Assessment of Carbon Dioxide Emissions Among Contrasting Urban Development Patterns in Populated Areas”
Evan Rentz
Dr. Weimin Feng, Faculty Adviser

“Analysis of Modern and Historic Seismic Activity Within and Surrounding Belize”
Selene C. Lisbey
Dr. Mark Groszos, Faculty Adviser

“Analysis of Street Vendors in South Korea”
Junhyuk Moon
Dr. Jia Lu, Faculty Adviser

“Analysis of the Use of Scale Bars in Professional Geography Journals, 1985-2014”
Hunter Auld
Dr. Paul C. Vincent, Faculty Adviser

“Comparison of NOAA Lidar Data for Tift County at 1.5 and 3 Meter Resolutions, for Adequate Watershed Delineation, and Optimal Data Management in the Southeast Watershed Research Area”
Dylan Ellzey
Dr. Can Denizman, Faculty Adviser
“Effects of Hurricane Matthew on Barrier Island Erosion”
  William James Jeffers
  Dr. Donald Thieme, Faculty Adviser

“Efficiency Analysis of Vapor Compression Refrigeration System”
  Mohammed Shahabuddin and Abdulrahman Shuraym
  Dr. Barry Hojjatie and Mr. George Mellor, Faculty Advisers

“Emergency Planning in Lowndes County, Georgia”
  Russell G. Aldis, Siqing Gao, Antrenique N. Jones, Roscoe J. Kightlinger,
  Caleb M. Koebble, Chenyu Li, Ruvarashe H. Masaisai, Cory D. Reeves,
  Devin J. Russell, Devin G. Smith, Yufei Song, Allison B. Taylor, and
  Zhipeng Zhou
  Dr. Jia Lu, Faculty Adviser

“Environmental Racism in Florida”
  Rachel E. Wilkerson and Kristen E. Varney
  Dr. Can Denizman, Faculty Adviser

“Measurements of Temperature in a Commercial Plasma Generator”
  Eric W. Burns and Ashley E. Hardy
  Dr. Dereth J. Drake, Faculty Adviser

“Moisture Source for Drip Water in Raccoon Mountain Caverns,
  TN, and Its Implications for Interpretation of Speleothem
  Isotope Records”
  Aaron Dixon
  Dr. Weimin Feng, Faculty Adviser
“National Electric Vehicle Charging Network Beginning in and Connecting America’s National Parks”  
Sean Michael Bolan  
Dr. Paul C. Vincent, Faculty Adviser

“Structural Analysis of Fractures and Lineaments Along a Segment of the Suwannee River in North Florida”  
Phillip Trussell  
Dr. Mark Groszos, Faculty Adviser

“Structural Analysis of Fractures in the Oligocene Suwannee River Limestone, North Florida”  
Melanie Eileen Blanton  
Dr. Mark Groszos, Faculty Adviser

“Study of Map Scale Frequency and Use in Maps in Professional Geography Journals”  
Juan Antonio Deen  
Dr. Paul C. Vincent, Faculty Adviser

“Using the Hilbert-Hwang Transformation to Remove Noise from a Measured Signal”  
James E. Henderson  
Dr. Dereth J. Drake, Faculty Adviser
“Vapor Compression Refrigeration System: Chemical and Biological Aspects of Various Refrigerants”
Abdulrahman Shuraym and Mohammed Shahabuddin
Drs. Barry Hojjatie, Lynn Wood, and Mark Blackmore, Faculty Advisers

**POLITICAL SCIENCE**

“‘Trumped’ Up Election, A Look into the Trump Vote in the 2016 Presidential Race”
Aaron McMillan
Dr. James LaPlant, Faculty Adviser

“Voter Turnout in the 2016 Presidential Election”
Joanna K. Smith
Dr. James T. LaPlant, Faculty Adviser

**PSYCHOLOGY AND COUNSELING**

“ASMR: An Unexplained Phenomenon”
Alina S. Lopez and Elaina R. Walker
Dr. Jeremy Tost, Faculty Adviser
“The Effect of Cell Phone Presence and Participant Sex on Reading Comprehension Test Scores and Anxiety”
Jazmin Garza
Dr. Jeremy Tost, Faculty Adviser

“The Perception of Accents”
Sandra Marek
Dr. Jeremy Tost, Faculty Adviser

“Using Self-Determination Theory to Examine Academic Motivation Among College Military Dependents”
Breanna M. Drummond
Dr. Meagan C. Arrastia, Faculty Adviser

SOCIOLOGY, ANTHROPOLOGY, AND CRIMINAL JUSTICE

“Naming Practices Around the World”
Rennique Clough-Rodriques
Dr. Matthew J. Richard, Faculty Adviser

WOMEN’S AND GENDER STUDIES

“Factors Affecting Enrollment in Women’s and Gender Studies Programs”
Walker Lee
Dr. Catherine Oglesby, Faculty Adviser
UNDERGRADUATE RESEARCH COUNCIL

The Undergraduate Research Council of Valdosta State University was organized in the fall semester of 2011. Membership includes faculty representative from the undergraduate academic departments and programs at VSU. The Council is charged with promoting undergraduate students’ interest in research, with seeking ways to promote undergraduate students’ involvement in research activities, and with helping faculty identify opportunities to involve undergraduates in research. The Council supports the implementation of Valdosta State University’s Quality Enhancement Plan, which promotes undergraduate engagement in discipline-based inquiry. Prior to 2011, an undergraduate research symposium was celebrated for seventeen years in the College of Arts and Sciences.

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