POSTER PRESENTATIONS

DRYSDALE STUDENT CENTER
DRYSDALE STUDENT CENTER
12-1 p.m.

Entry #1
Sarah E. Nicoletti
Faculty: Laura A. Kicklighter, Francis R. (Frank) Whitehouse, and Jeremy J. Langett
Project: Meatless Monday: Marketing a Lifestyle

Entry #2
Cody Payne
Faculty: Chris E. Magee and Cynthia B. Ramsey
Project: The Poetry and Music of Franz Schubert

Entry #3
Derrick W. Elder
Faculty: Chris E. Magee
Project: Modest Musorgsky and the Russian Style During the Romantic Era

Entry #4
Brandon Coffer
Faculty: Chris E. Magee
Project: Making Music in the Modern Era: How Hard Can It Be?

Entry #5
DeAra Warren
Faculty: Chris E. Magee
Project: A Musical Explosion in Less than 3 Minutes

Entry #6
Sarah C. Coronel, Debbie A. Bradney, and Katie Breedlove
Faculty: Thomas G. (Tom) Bowman
Project: Analyzing magnitude and frequency of head impacts in relation to impact location in collegiate soccer athletes

Entry #7
Jose A. Soto, Elizabeth R. Oden, and Debbie A. Bradney
Faculty: Thomas G. (Tom) Bowman and Debbie A. Bradney
Project: Comparison of Head Impact Frequency and Magnitude in Collegiate Lacrosse Athletes between In-season and Postseason Contests

Entry #8
Elizabeth R. Oden, Debbie A. Bradney, and Katie Breedlove
Faculty: Thomas G. (Tom) Bowman and Debbie A. Bradney
Project: Difference between Regular Season and Postseason Impacts of Women’s Soccer

Entry #9
Patrick Benjamin Sullivan
Faculty: Thomas G. (Tom) Bowman and Debbie A. Bradney
Project: Intercollegiate Soccer Athlete Head Impacts Across Field Locations

Entry #10
Michael T. Thiers
Faculty: Sean M. Collins
Project: Comparison of Dynamic Stretching Routines versus myofascial release methods on performance in the Wingate Test

Entry #11
Terry Yeager
Faculty: Ellen K. Deluca and Dana Grant
Project: Anesthesia “Hand Off” Process for Patients at High Risk for Obstructive Sleep Apnea

Entry #12
Heather Ann Paine
Faculty: Ellen K. Deluca
Project: Scheduling

Entry #13
Mary C. Van Clief
Faculty: Joanne B. Newton, Sara C. Hallowell, and Laura A. Kicklighter
Project: Voices of Autism: Perceptions of College Students With Autism on the Transition from Secondary School to Higher Education

Entry #14
Lauren T. Fitzgerald
Faculty: Amanda J. Pribble
Project: A Crisis in Healthcare: Examining the Effects of Authentic Leadership and Burnout on New Graduate Registered Nurse Retention Over a Two Year Period

Entry #15
Jonathan E. Schoeffel and Ryan V. Turkekul
Faculty: Jeremy M. Welsh, Eric J. Schmidt, Joyce S. Nicholas, and W. Joseph Bowman
Project: Use of Ultrasound by Physician Assistant Students with Minimal Ultrasound Training as a Means of Static Endotracheal Intubation Confirmation

Entry #16
Lauren Martin and Husnia Akrami
Faculty: Jennifer L. Hall
Project: Air Pollution: An Emerging Concern on the Cardiovascular System
Entry #17
Elizabeth Kelly
Faculty: Lindsey P. Pieper
Project: Gender Inequality in Sports Illustrated Advertisements

Entry #18
Ben Grossfuss
Faculty: Lindsey P. Pieper
Project: ESPN.com: Is there Fair Coverage of Women in Sports?

Entry #19
Amber C. Zabinsky
Faculty: Kimberly A. McCabe
Project: Virginia Law Enforcement Retention: A 2015 Study of Characteristics of Sheriffs’ Offices in Virginia in relation to the Turnover in Departments

Entry #20
Skyler Gutierrez
Faculty: Glenda F. Cash
Project: Les Frères Lumière

Entry #21
Peter Owen Conlon
Faculty: Glenda F. Cash
Project: George Méliès

Entry #22
Jada P. Jones
Faculty: Glenda F. Cash
Project: French Fashion Industry

Entry #23
Ashlyn V. Walton
Faculty: Glenda F. Cash
Project: Beaches of the French Mediterranean

Entry #24
Nicole A. Simpao
Faculty: Glenda F. Cash
Project: Les Macarons

Entry #25
Kelvin B. Whitehurst
Faculty: Glenda F. Cash
Project: Film Noir

Entry #26
Carolanne Sink
Faculty: Glenda F. Cash
Project: Edith Piaf and La Vie en Rose

Entry #27
Morgan D. Smith
Faculty: Glenda F. Cash
Project: Provence, France

Entry #28
Taylor Rose Alexander
Faculty: Glenda F. Cash
Project: Marie Curie

Entry #29
Akossiwa Togbe
Faculty: Glenda F. Cash
Project: Cave Paintings and Cinema

Entry #30
Andrew D. Rohleder
Faculty: Glenda F. Cash
Project: Why Study Abroad? My Time in France

Entry #31
Serena Sable White
Faculty: Glenda F. Cash
Project: Eze, France

Entry #32
Carrington E. Creamer and Katherine Santos
Faculty: Glenda F. Cash
Project: French Perfume

Entry #33
Jonathan Hajduk
Faculty: Glenda F. Cash
Project: Louis Daguerre and the daguerreotype

Entry #34
Caitlin M. Tolley
Faculty: Glenda F. Cash
Project: Thomas Edison and his Contributions to French film

Entry #35
Destiny M. Barkyoubm
Faculty: Glenda F. Cash
Project: French Animations
Entry #36
Doiba K. Eshofonie and Precious Freeman
Faculty: Takashi Maie
Project: Quantitative evaluation of Clinostomum marginatum distribution in the fish host (Perca flavescens): Investigation of the impact on functional performance

Entry #37
Christopher L. Betterton
Faculty: Takashi Maie
Project: Visualization of neuro- and musculo-skeletal system in the Northern Pike, Esox lucius

Entry #38
Samah Rash
Faculty: Erin J. Friedman
Project: Draw Your Notes

Entry #39
Hannah Narvaez, Latiya Vaughan, and Lauren Smith
Faculty: Christine H. Terry
Project: Cell Phone Microbiome

Entry #40
Luke A. Turner
Faculty: Erin J. Friedman
Project: Wolbachia

Entry #41
Logan A. Walker
Faculty: Christine H. Terry
Project: An Internship in Genetic Counseling

Entry #42
Kaleigh B. Henson
Faculty: Christine H. Terry
Project: Doctor for a Day

Entry #43
John Tomkinson
Faculty: Allison B. Jablonski
Project: Analysis of the Warburg Effect and Lactate Dehydrogenase Inhibition in SK-BR3, MDA-MB-453, DLD-1, and HT-29 Cancer Cells

Entry #44
Ian T. Givens
Faculty: Randy L. Ribler
Project: Providing Internet Access to an Electronic Chessboard

Entry #45
Lotta Stam
Faculty: Randy L. Ribler
Project: Providing Internet Access to a Terabyte Dots-and-Boxes Database

Entry #46
Jonathan V. Lohmann
Faculty: Randy L. Ribler
Project: Control Freak - Computer Lab Control Software for Use in the Classroom

Entry #47
Matthew T. Wilson
Faculty: Gregory K. (Greg) Eaton
Project: Reuse of Household Greywater in a Garden

Entry #48
Logan Crews
Faculty: Thomas D. (Tom) Shahady
Project: Internship at John Pennekamp Coral Reef State Park

Entry #49
Rachel Cooke
Faculty: Brooke K. Haiar
Project: Washing Technique Analysis for Microvertebrate Fossils

Entry #50
Lindsey M. Van Zile
Faculty: Laura R. Henry-Stone
Project: Lynchburg College Campus Sustainability Internship

Entry #51
Jasmine M. Heath
Faculty: Gregory K. (Greg) Eaton
Project: The Benefits of Fish on Water Quality and Water Plant Life

Entry #52
Charles A. Rose
Faculty: Danny O. Cline
Project: The Dice Trials

Entry #53
Zachary Betterton
Faculty: William M. (Will) Roach
Project: Exploration of Robotics and Maze Solving Algorithms
Entry #54  
Alex C. Vaughan  
Faculty: William M. (Will) Roach  
Project: Development of A Magneto-optic Measuring System

Entry #55  
Meagan L. Collins  
Faculty: Christine H. Terry  
Project: Centra Child and Adolescent Psychiatric Program Internship

Entry #56  
Meagan L. Collins  
Faculty: Virginia A. Cylke  
Project: Self-perception and Photography Research

Entry #57  
Margaret L.B. Hartless  
Faculty: Keith P. Corodimas  
Project: Perceptions of Females Based on Level of Sexualization

Entry #58  
Nyomi S. Tarpley  
Faculty: Bianca M. Sumutka  
Project: The Effect of Implicit Attitudes on Racial Categorization

Entry #59  
Ramino S.A. Ward  
Faculty: Keith P. Corodimas  
Project: Pill Texture and Color: Facilitators for Participant Responses on Forms of Treatment

Entry #60  
Ramino S.A. Ward  
Faculty: Stephanie A. Beckner  
Project: My Internship for Big Brother, Big Sister

Entry #61  
Matthew D. Constantakis  
Faculty: Keith P. Corodimas  
Project: The Effects of Environmental Enrichment and Stress in Fish

Entry #62  
Delia Peters  
Faculty: Virginia A. Cylke  
Project: The Effect of Humor Therapy and How it Promotes the Well-Being Of Adults

Entry #63  
Alice Timi Suobo  
Faculty: Bianca M. Sumutka  
Project: Peer Evaluation: Its Effect on Writing, and Possible Friendships outside the Classroom

Entry #64  
Alysa S. Rodriguez  
Faculty: Virginia A. Cylke  
Project: Perceptions of Others: Effects on Self and Body Image Satisfaction

Entry #65  
Emily C. Lawhorn  
Faculty: Virginia A. Cylke  
Project: The Effects of Attachment Style on Self-Disclosure in a Conflict Situation
ORAL PRESENTATIONS
SCHEWEL HALL
8:30 – 8:45 a.m.

Entry #95
Sabreen Rash
Faculty: David H. Richards and Marek Payerhin
Project: Bringing the Fight to Cyberspace: Measuring the Effectiveness of Social Media in Building Social Capital for Extremist Organizations

Entry #115
Amber N. Robinson
Faculty: Ei E. Hlaing
Project: Media Influence on Stereotypical Views of People with Disabilities

8:45 – 9 a.m.

Entry #96
William J. Browning
Faculty: Lorna M. Dawson
Project: Public Policy Liberalism in the American States

Entry #116
Abigail E. Bunting
Faculty: Ei E. Hlaing
Project: The Effects of Defendants’ Attractiveness, Race, and Severity of Crime on Punishment Outcomes

9 – 9:15 a.m.

Entry #66
Marc Manasse
Faculty: Cheryl R. Jorgensen-Earp
Project: It’s the End of the World as We Know It: Idiocracy, Dystopias, and Social Commentary Through Satire

Entry #97
Emily Harmon
Faculty: David H. Richards and Marek Payerhin
Project: The Relationship Between President Obama’s Foreign Policy Decision Making, Public Opinion, and International Pressure: Guantanamo Bay, Intervention in Libya, and the Drone Program

Entry #117
Jordan A. Ricci
Faculty: Virginia A. Cylke
Project: Privilege Effects on Microaggressions

9:15 – 9:30 a.m.

Entry #67
Kelsey Dowling
Faculty: Cheryl R. Jorgensen-Earp and Michael G. Robinson
Project: “I’m just a girl standing in front of a boy, asking him to love her” - A Content Analysis of Culture Implications and Female Representation in Romantic Comedy Film

Entry #98
Cody T. Cole
Faculty: Lorna M. Dawson, Laura A. Kicklighter, and Daniel G. (Dan) Lang
Project: Voter Turnout in Virginia County Elections

Entry #118
Laura Albert
Faculty: Bianca M. Sumutka and Tammy J. Hertel
Project: The Effects of Studying Abroad on Second Language Acquisition
### ORAL PRESENTATIONS: SCHEWEL HALL

<table>
<thead>
<tr>
<th>Time</th>
<th>Entry #</th>
<th>Presenter</th>
<th>Room</th>
<th>Project Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:30 – 9:45 a.m.</td>
<td>Entry #68</td>
<td>Hattie H. Bays</td>
<td>Room 208</td>
<td>Schewel Hall</td>
</tr>
<tr>
<td>9:45 – 10 a.m.</td>
<td>Entry #99</td>
<td>Grace A. Fiedler</td>
<td>Room 231</td>
<td>Schewel Hall</td>
</tr>
<tr>
<td>10 – 10:15 a.m.</td>
<td>Entry #119</td>
<td>Mercedes B. Hamilton</td>
<td>Room 232</td>
<td>Schewel Hall</td>
</tr>
<tr>
<td>9:45 – 10 a.m.</td>
<td>Break</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>10 – 10:15 a.m.</td>
<td>Entry #69</td>
<td>Jacob B. Elder</td>
<td>Room 208</td>
<td>Schewel Hall</td>
</tr>
<tr>
<td>10:15 – 10:30 a.m.</td>
<td>Entry #100</td>
<td>Kay Hames</td>
<td>Room 231</td>
<td>Schewel Hall</td>
</tr>
<tr>
<td>10:30 – 10:45 a.m.</td>
<td>Entry #101</td>
<td>Sara E. Severens</td>
<td>Room 232</td>
<td>Schewel Hall</td>
</tr>
<tr>
<td>10:15 – 10:30 a.m.</td>
<td>Entry #70</td>
<td>Leray Wingo</td>
<td>Room 208</td>
<td>Schewel Hall</td>
</tr>
<tr>
<td>10:30 – 10:45 a.m.</td>
<td>Entry #121</td>
<td>Linwood Reynolds</td>
<td>Room 232</td>
<td>Schewel Hall</td>
</tr>
<tr>
<td>10:15 – 10:30 a.m.</td>
<td>Entry #81</td>
<td>Brandi N. Knichel</td>
<td>Room 231</td>
<td>Schewel Hall</td>
</tr>
<tr>
<td>10:30 – 10:45 a.m.</td>
<td>Entry #102</td>
<td>Azaria Brown</td>
<td>Room 232</td>
<td>Schewel Hall</td>
</tr>
<tr>
<td>10:15 – 10:30 a.m.</td>
<td>Entry #71</td>
<td>James D. Trout</td>
<td>Room 208</td>
<td>Schewel Hall</td>
</tr>
<tr>
<td>10:30 – 10:45 a.m.</td>
<td>Entry #122</td>
<td>Jacob R. Fleck</td>
<td>Room 232</td>
<td>Schewel Hall</td>
</tr>
<tr>
<td>10:30 – 10:45 a.m.</td>
<td>Entry #82</td>
<td>Erica A. Morris</td>
<td>Room 231</td>
<td>Schewel Hall</td>
</tr>
</tbody>
</table>

2017 STUDENT SCHOLAR SHOWCASE
### 10:45 – 11 a.m.

<table>
<thead>
<tr>
<th>Entry #72</th>
<th><strong>Renee M. Banks</strong></th>
<th>Faculty: Cynthia B. Ramsey</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project: <strong>Music of Nazi Propaganda: A Pedagogical Analysis of Musical Applications for Influential Power</strong></td>
<td></td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Entry #83</th>
<th><strong>Hallie D. Sayre</strong></th>
<th>Faculty: Thomas G. (Tom) Bowman</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project: <strong>Concussive head impact biomechanics in NCAA DIII women’s lacrosse and soccer athletes</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Entry #103</th>
<th><strong>Stephanie R. Jackson</strong></th>
<th>Faculty: Leslie S. Layne</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project: <strong>Embracing Diversity in Dialect: Incorporating Informal Language into the Classroom</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Entry #123</th>
<th><strong>Roger Doles</strong></th>
<th>Faculty: Kevin M. Peterson</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project: <strong>Elementary Cellular Automata in Application</strong></td>
<td></td>
<td></td>
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</tbody>
</table>

### 11 – 11:15 a.m.

<table>
<thead>
<tr>
<th>Entry #73</th>
<th><strong>Sara E. Severens</strong></th>
<th>Faculty: Cynthia B. Ramsey</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project: <strong>Hildegard von Bingen and her Influence on Music History</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Entry #84</th>
<th><strong>Kelley E. Smith</strong></th>
<th>Faculty: Gary P. Austin, Nancy E. Cowden, and Jill M. Lucas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project: <strong>The Effects of Thoracic Spine Thrust Manipulation on Cervical Joint Position Error</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Entry #104</th>
<th><strong>Gracie D. Davidson</strong></th>
<th>Faculty: Leslie S. Layne</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project: <strong>Gender Inequality in Athletics</strong></td>
<td></td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Entry #105</th>
<th><strong>Jordan Cindrick</strong></th>
<th>Faculty: Kimberly A. McCabe</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project: <strong>An Analysis of the Sex Offender Registry: Compliant and Non-Compliant Sex Offenders</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Entry #124</th>
<th><strong>Mark A. Kozy</strong></th>
<th>Faculty: John E. (Eric) Goff</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project: <strong>Frictional Vibrations in Hard Court and Rubber Interactions</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 11:15 – 11:30 a.m.

<table>
<thead>
<tr>
<th>Entry #85</th>
<th><strong>Skyler Lewis</strong></th>
<th>Faculty: Sean M. Collins and Jill M. Lucas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project: <strong>The effects of submaximal exercise in cognition in adults</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Entry #105</th>
<th><strong>Zachary Betterton</strong></th>
<th>Faculty: William M. (Will) Roach</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project: <strong>Evaluation of Heat Equation with Analysis of Physical Heated Rod</strong></td>
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</tbody>
</table>
## ORAL PRESENTATIONS: SCHEWEL HALL

<table>
<thead>
<tr>
<th>Room</th>
<th>Time</th>
<th>Entry #</th>
<th>Title</th>
<th>Faculty</th>
<th>Project</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sydnor Hall</td>
<td>11:45 a.m. – Noon</td>
<td>#86</td>
<td>Amanda Perry</td>
<td>Du Ann E. Kremer, Sean M. Collins, and Nancy E. Cowden</td>
<td>Effect of Oral Sensory Distraction Device on Concentration, Coordination, and Reaction Time</td>
</tr>
<tr>
<td>Schewel Hall</td>
<td>Noon – 1:15 p.m.</td>
<td>#74</td>
<td>KEYNOTE SPEAKER</td>
<td>Brooke Nicole Thompson</td>
<td>Exposure to the SSRI Fluoxetine and its Effect on Learning and Memory in Adult Zebrafish</td>
</tr>
<tr>
<td>Schewel Hall</td>
<td>1:15 – 1:30 p.m.</td>
<td>#75</td>
<td>Anna L. Wehr</td>
<td>Naomi Amos, Loretta L. Wittman, and Elizabeth A. (Beth) Savage</td>
<td>The Evolution of Musical Theatre: Analyzing and Admiring the Works of Irving Berlin, Cole Porter, Richard Rodgers and Oscar Hammerstein, and Leonard Bernstein and Stephen Sondheim</td>
</tr>
<tr>
<td>Room 208</td>
<td></td>
<td>#87</td>
<td>Haley N. West</td>
<td>Sean M. Collins</td>
<td>The effects of muscle and mental fatigue on visual perception and hand dexterity skills</td>
</tr>
<tr>
<td>Schewel Hall</td>
<td></td>
<td>#106</td>
<td>Brianna M. Egan</td>
<td>Kimberly A. McCabe</td>
<td>Virginia Law Enforcement Retention</td>
</tr>
<tr>
<td>Room 231</td>
<td></td>
<td>#126</td>
<td>Ryan Katona</td>
<td>William M. (Will) Roach and Jason B. Crumpton</td>
<td>Construction of an Automated Vertical Chromatography Instrument</td>
</tr>
<tr>
<td>Schewel Hall</td>
<td></td>
<td>#127</td>
<td>Elizabeth Smith</td>
<td>Priscilla J. Gannicott</td>
<td>Elemental Analysis of the Viemeister Sand Collection by Microwave-Induced Plasma Atomic Emission Spectrometry</td>
</tr>
</tbody>
</table>

### Room 208
- **Sydnor Hall**
- **Room 208**
- **Schewel Hall**
- **Room 231**
- **Schewel Hall**
- **Room 232**
- **Schewel Hall**
<table>
<thead>
<tr>
<th>Time</th>
<th>Session 1</th>
<th>Session 2</th>
<th>Session 3</th>
<th>Session 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:45 – 2 p.m.</td>
<td>Entry #76</td>
<td>Entry #88</td>
<td>Entry #107</td>
<td>Entry #128</td>
</tr>
<tr>
<td></td>
<td>DeAndre C. Short</td>
<td>William G. Hylton</td>
<td>Elizabeth R. LaBelle</td>
<td>Nancy K. Reid</td>
</tr>
<tr>
<td></td>
<td>Faculty: Loretta L. Wittman</td>
<td>Faculty: Sean M. Collins</td>
<td>Faculty: Kimberly A. McCabe</td>
<td>Faculty: Priscilla J. Gannicott</td>
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<tr>
<td>2 – 2:15 p.m.</td>
<td>Entry #77</td>
<td>Entry #89</td>
<td>Entry #108</td>
<td>Entry #129</td>
</tr>
<tr>
<td></td>
<td>Ancito Etienne</td>
<td>Elise Haug</td>
<td>Boris H. Miranda</td>
<td>Alexander E. Dair</td>
</tr>
<tr>
<td></td>
<td>Faculty: Michael P. Craig, Gerald T. Prante, and Michael Schnur. Project: Foreign Aid Allocation and Impact in Latin America and the Caribbean: A Cross-Country Analysis of Foreign Aid impact on GDP Per Capita and Life Expectancy</td>
<td>Faculty: Theresa E. (Terry) Leahy</td>
<td>Faculty: Kimberly A. McCabe</td>
<td>Faculty: Takashi Maie and Priscilla J. Gannicott</td>
</tr>
<tr>
<td></td>
<td>Project: Test-Retest Reliability of the Limits of Stability test on the NeuroCom VSR Sport</td>
<td>Project: Race and the Relationship to Juvenile Adjudication</td>
<td>Project: Quantification of Calcium Content in the Vertebrab of Yellow Perch (Perca flavescens) via Microwave-induced Plasma Atomic Emission Spectrometry</td>
<td></td>
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<tr>
<td>2:15 – 2:30 p.m.</td>
<td>Entry #78</td>
<td>Break</td>
<td>Entry #109</td>
<td>Entry #130</td>
</tr>
<tr>
<td></td>
<td>Charlotte A. Galamb</td>
<td></td>
<td>Iris D. Perez</td>
<td>Jeff Brochetti</td>
</tr>
<tr>
<td></td>
<td>Faculty: Francis A. (Frank) Whitehouse, Virginia A. Cylke, and Laura A. Kicklighter Project: Perceptions of the Modern American Wedding</td>
<td></td>
<td>Faculty: Kimberly A. McCabe Project: County Comparison of Judge Sentences</td>
<td>Faculty: Priscilla J. Gannicott and William J. Lokar</td>
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<tr>
<td></td>
<td>Break</td>
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<td>Project: Spectrofluorometric Analysis of Bisphenol-A in Drinking Water Bottles</td>
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<tr>
<td>2:30 – 2:45 p.m.</td>
<td>Break</td>
<td>Entry #90</td>
<td>Break</td>
<td>Break</td>
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<tr>
<td></td>
<td>Margaret A. Redd</td>
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<tr>
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<td>Faculty: Jennifer L. Hall</td>
<td>Margaret A. Redd</td>
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### ORAL PRESENTATIONS: SCHEWEH HALL

<table>
<thead>
<tr>
<th>Time</th>
<th>Entry #</th>
<th>Name</th>
<th>Faculty</th>
<th>Project</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:45 – 3 p.m.</td>
<td>Entry #79</td>
<td>Benjamin A. Stern</td>
<td>Elizabeth A. (Beth) Savage and Ursula M. Bryant</td>
<td>Street Art and Guerrilla Marketing</td>
</tr>
<tr>
<td></td>
<td>Entry #91</td>
<td>Emily S. Guthrie</td>
<td>Jennifer L. Hall</td>
<td>What are Pyre-throids and Why are Children at Risk?</td>
</tr>
<tr>
<td></td>
<td>Entry #110</td>
<td>Bryce L. Coulter</td>
<td>Kimberly A. McCabe</td>
<td>Exploring Victim Precipitation in Internet Crimes Against Children</td>
</tr>
<tr>
<td></td>
<td>Entry #131</td>
<td>Kerry Michael Codoley</td>
<td>Jason B. Crumpton</td>
<td>A Safe O-methylation of Flavones with Dimethyl Carbonate (DMC)</td>
</tr>
<tr>
<td>3 – 3:15 p.m.</td>
<td>Entry #80</td>
<td>Benjamin A. (Adam) Hall</td>
<td>Paula C. Lichiello</td>
<td>Modernisme</td>
</tr>
<tr>
<td></td>
<td>Entry #92</td>
<td>Jonathan D. Hajduk</td>
<td>Allison B. Jablonski</td>
<td>C-MYC’s role on Methylation of the GATA-2 gene in Non-Small Cell Lung Carcinoma</td>
</tr>
<tr>
<td></td>
<td>Entry #111</td>
<td>Landon P. Wilcox</td>
<td>Stephen (Steve) Dawson, Laura A. Kicklighter, Annette N. Evans, and Norton S. (Scott) Amos</td>
<td>The Intersection of Politics and Theology: Reading Augustine in Light of Augustine</td>
</tr>
<tr>
<td></td>
<td>Entry #132</td>
<td>Emily Whittle</td>
<td>Samrat B. Thapa</td>
<td>Iso-α-acids Degradation in Beer</td>
</tr>
<tr>
<td>3:15 – 3:30 p.m.</td>
<td>Break</td>
<td></td>
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<tr>
<td>3:30 – 3:45 p.m.</td>
<td>Entry #93</td>
<td>Christian J. Rose</td>
<td>Allison B. Jablonski</td>
<td>Gene Silencing and Cellular Apoptosis of Human Epidermal Growth Factor Receptor 2 (HER2) Positive Breast Cancer Epithelial Carcinoma Cells with Small Interfering Ribonucleic Acid (siRNA)</td>
</tr>
<tr>
<td></td>
<td>Entry #113</td>
<td>Erin Sinski</td>
<td>Adam W. Dean, Elizabeth A. (Beth) Savage, and Barbara A. Rothermel</td>
<td>Hail to the Chief: Official Presidential Portraits and the Imagery of the Private Individual in the Public Office</td>
</tr>
<tr>
<td></td>
<td>Entry #134</td>
<td>Benjamin Giustiniani</td>
<td>Takashi Maie</td>
<td>Adhesive performance of the pelvic sucker in a waterfall-climbing gobiid, Sicyopterus japonicus</td>
</tr>
</tbody>
</table>

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**Schewel Hall**

- Room 208: Entry #79, Entry #91, Entry #92, Entry #111, Entry #112, Entry #113, Entry #131
- Room 231: Entry #80, Entry #110, Entry #111, Entry #132
- Room 232: Entry #92, Entry #111, Entry #112, Entry #133

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2017 STUDENT SCHOLAR SHOWCASE
ORAL PRESENTATIONS: SCHEWEL HALL

<table>
<thead>
<tr>
<th>Sydnor Performance Hall</th>
<th>Room 208</th>
<th>Room 231</th>
<th>Room 232</th>
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<tbody>
<tr>
<td>Schewel Hall</td>
<td>Schewel Hall</td>
<td>Schewel Hall</td>
<td>Schewel Hall</td>
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</tbody>
</table>

3:45 – 4 p.m.  
Entry #94  
Douglas B. Dickerson  
Faculty: Takashi Maie  
Project: *Evaluation of Correlation Between Material Properties of the Vertebrae and Predator Escape Performance in Yellow Perch (Perca flavescens)*

4 – 4:15 p.m.  
Entry #114  
Jennifer Seay  
Faculty: Brian E. Crim  
Project: *Coping Mechanisms Used by Female Slaves in Charleston during the Antebellum Era*

Entry #135  
Shelby P. Voorhees  
Faculty: Erin J. Friedman  
Project: *Varying Light Intensities on the Bolting of VAL 1 Arabidopsis Mutant versus Wild Type*

4:15 – 4:30 p.m.  
Entry #136  
Thomas D. White  
Faculty: Joseph T. (Joe) Meehean  
Project: *Home Automation IR Blaster*

4:30 – 4:45 p.m.  
Entry #137  
Emma Elliott  
Faculty: Joseph T. (Joe) Meehean  
Project: *Virtual Reality: Google Cardboard and Unity*

4:45 – 5 p.m.  
Entry #138  
Ryan J. Hayes  
Faculty: Joseph T. (Joe) Meehean  
Project: *The Chess Puzzle Lock Screen*
DR. KENNETH R. GARREN, tenth president of Lynchburg College, proudly supports the Lynchburg College Student Scholar Showcase. In 1998, the showcase was established at the suggestion of Dr. Charles Warren, the ninth president of Lynchburg College. The event represented Dr. Warren’s commitment to academic excellence, intellectual curiosity, and student/faculty collaborative research, and is counted among his most outstanding achievements at the College.

Dr. Kenneth R. Garren

KENNETH R. GARREN
President of the College

SALLY SELDEN
Vice President and Dean for Academic Affairs

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Research and presentations

Funding for this event is also provided by the Offices of the President and Vice President and Dean for Academic Affairs.

On behalf of Student Scholar Showcase chair Dr. Bianca Sumuika and members of the organizing committee, Dr. Tom Bowman, Dr. Sean Collins, Dr. Jason Crampton, Dr. Cheryl Jorgensen-Earp, Dr. Zakaria Kurdi, Dr. Marek Payerhin, Ms. Tonya Price, Dr. Randy Ribler, and Mr. Scott Robert, we thank all of you for helping to make this year’s showcase a successful event.