WEDNESDAY, APRIL 6, 2016
8:30 a.m. to 5 p.m.

Student Scholar Showcase

Featuring scholarship, research, and art works of LC students

- Hopwood Auditorium, Hopwood Hall
- Memorial Ballroom, Hall Campus Center
- Sydnor Performance Hall, Schewel Hall
- Faculty Resource Room 231, Schewel Hall
- Room 232, Schewel Hall
- Flint Family Lobby, Schewel Hall

For specific times of student presentations, see lynchburg.edu/academics/red-letter-day/student-scholar-showcase/
POSTER PRESENTATIONS
MEMORIAL BALLROOM, FLINT FAMILY LOBBY
<table>
<thead>
<tr>
<th>Entry #</th>
<th>Name</th>
<th>Faculty</th>
<th>Project</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Elizabeth Helena Kodie Daidone</td>
<td>Thomas G. (Tom) Bowman</td>
<td>Comparison of Head Impact Magnitudes and Frequencies Between Intercollegiate Men’s and Women’s Lacrosse Players</td>
</tr>
<tr>
<td>2</td>
<td>Tabitha Dawn Saunders</td>
<td>Thomas G. (Tom) Bowman</td>
<td>The Effects of Mechanism on Head Impacts in Soccer Athletes</td>
</tr>
<tr>
<td>3</td>
<td>Rachel Khinh Le</td>
<td>Thomas G. (Tom) Bowman</td>
<td>Difference in Mechanism of Head Impacts Measured between Men’s and Women’s Intercollegiate Lacrosse Athletes</td>
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<tr>
<td>4</td>
<td>Bradley C. Jackson</td>
<td>Thomas G. (Tom) Bowman</td>
<td>Preparedness and Activity of Head Impacts in Intercollegiate Men’s and Women’s Soccer Athletes</td>
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<tr>
<td>5</td>
<td>Sarah G. Coon</td>
<td>Debbie A. Bradney</td>
<td>Static Posture Analysis of Intercollegiate Baseball, Softball, and Soccer Athletes</td>
</tr>
<tr>
<td>6</td>
<td>Catherine Elizabeth Rogerson</td>
<td>Thomas G. (Tom) Bowman</td>
<td>The Effects of Preparedness and Activity on Head Impacts in Lacrosse Athletes</td>
</tr>
<tr>
<td>7</td>
<td>Dane T. Bower</td>
<td>Thomas G. (Tom) Bowman</td>
<td>Comparing the material properties of various athletic helmet protective outer shells</td>
</tr>
<tr>
<td>8</td>
<td>Leonette Lenora Gardiner</td>
<td>Tonya C. Price</td>
<td>Impact of Texting in the Classroom on the Academic Outcomes of Undergraduate Students</td>
</tr>
<tr>
<td>9</td>
<td>Malia J. Huggins</td>
<td>Jennifer L. Hall</td>
<td>How “Safe” is Hookah Smoking Among Young Adults?</td>
</tr>
<tr>
<td>10</td>
<td>David A. Goulding</td>
<td>Sean M. Collins</td>
<td>Effect of Long Toss vs. Non-Long Toss Throwing Warm Up On Pitching Velocity and Fatigue</td>
</tr>
<tr>
<td>11</td>
<td>Samah Rash</td>
<td>Glenda F. Cash</td>
<td>Le Ballet de Paris</td>
</tr>
<tr>
<td>12</td>
<td>Elizabeth M. McClung</td>
<td>Glenda F. Cash</td>
<td>Madame Curie: la Femme de Nombreuses Premières</td>
</tr>
<tr>
<td>13</td>
<td>Sydney Lynn Green</td>
<td>Glenda F. Cash</td>
<td>jean-François Laguionie</td>
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<td>14</td>
<td>Julia Taylor</td>
<td>Glenda F. Cash</td>
<td>Claude Lanzmann</td>
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<td>15</td>
<td>Emily H. Harmon</td>
<td>Glenda F. Cash</td>
<td>Arc de Triomphe</td>
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<tr>
<td>16</td>
<td>Josh Bell</td>
<td>Glenda F. Cash</td>
<td>Le Grand Massacre des Chats</td>
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<tr>
<td>17</td>
<td>Jasmine Unique Brogden</td>
<td>Glenda F. Cash</td>
<td>La Légende du Phantôme du l’Opéra Garnier</td>
</tr>
<tr>
<td>18</td>
<td>Katie Victoria Burnopp</td>
<td>Glenda F. Cash</td>
<td>Le Ballet de Paris</td>
</tr>
</tbody>
</table>
Entry #19
Nicole Angeline Simpao
Faculty: Glenda F. Cash
Project: La Tour d’Argent

Entry #20
Isiah Williams
Faculty: Glenda F. Cash
Project: Les Traditions de Table

Entry #21
Grace M. Barker
Faculty: Glenda F. Cash
Project: Audrey Hepburn

Entry #22
Savannah Mann
Faculty: Glenda F. Cash
Project: The French Film Academy

Entry #23
Caitlin M. Tolley
Faculty: Glenda F. Cash
Project: La Tour Eiffel

Entry #24
Courtney H. Britt
Faculty: Glenda F. Cash
Project: The Lumière Brothers

Entry #25
Evan Gendreau
Faculty: Glenda F. Cash
Project: Le Voyage dans la Lune—The First Science Fiction Film

Entry #26
Jessica Kathleen Jerrils
Faculty: Eunice A. Rojas
Project: Sounds of History: How Traditional Theories on the Lack of Adaptation of /q/ to /g/ in Arabic Loanwords in Spanish Overlooked Arabic Dialects

Entry #27
Regina Carey Schicke
Faculty: David S. Murphy
Project: The Ins and Outs of a Ponzi Scheme: How it Works and Why it Fails, and Who are the Greedy Con Artists Running them and the Unsuspecting Victims Affected by them

Entry #28
Benjamin William Proffitt
Faculty: Stefan G. (Stef) Nicovich
Project: Sci-Fi Should Be Rated “R”: The Philosophy and Motivations Behind the Rise of Hyper-Violent Science Fiction Entertainment

Entry #29
Douglas Bryant Dickerson, Cassandra M. Brescia, and Lillian Benar
Faculty: Takashi Maie
Project: Musculoskeletal Morphology and Feeding Biomechanics in Dimetrodon grandis

Entry #30
Christian J. Rose
Faculty: Takashi Maie
Project: Effect of Adipose Tissue Mixed in Cadaveric Wetting Solutions: In Search of a Safe and Effective Formula

Entry #31
Benjamin Joseph Giustiniani
Faculty: Takashi Maie

Entry #32
Madison Kaye Oakes
Faculty: Erin J. Friedman
Project: Wolbachia in Tiger Beetles

Entry #33
Taylor Rose Alexander, Lauren N. Smith, Shaheda A. Clark, and Hannah V. Narvaez
Faculty: Takashi Maie
Project: The Effect of Clinostomum Marginatum Metacercarial Infection (Yellow Grub) of Yellow Perch: Investigation of the Impact on Functional Performance

Entry #34
Katherine M. Pisarek
Faculty: Jennifer N. Styrsky
Project: How Social Setting Impacts a Horse’s Behavior: A Behavioral Analysis of Horses Through Scan-Sampling

Entry #35
Anna E. Ledin
Faculty: John D. Styrsky
Project: Potential Consequences of the Exploitation of Ant-Acacia Mutualisms by Orb-Weaver spiders
Entry #36
Lauren Nicole Muir
Faculty: Price S. Blair
Project: Effects of Jasmonic Acid and Salicylic Acid on Blood Platelet Aggregation

Entry #37
Evelyn Keeney-Ritchie
Faculty: Price S. Blair
Project: The Influence of Beta vulgaris compounds on Platelet Activity

Entry #38
Jason G. Silby
Faculty: Price S. Blair
Project: The Effect of Betanin, a Red Beet Pigment, on Platelet Activity

Entry #39
Emily B. Horton
Faculty: Samrat B. Thapa
Project: Do Proteins from Thermophiles Show Enhanced Selection for the Consensus Sequence Found in Mesophiles?

Entry #40
David Steele
Faculty: Patricia A. (Pat) Aronson
Project: Cardiorespiratory and Metabolic Responses in the Loaded Full Squat with Heart Rate Variability Threshold as a Means to Measure Lactate Threshold in Resistance Training Modification

Entry #41
Megan L. Lively
Faculty: Gary P. Austin
Project: The Effect of Muscle Fatigue on Cervical Joint Position Error Testing

Entry #42
Brittany O’Connell
Faculty: Laura R. Henry-Stone
Project: Life Cycle Analysis of Beer

Entry #43
Lesley Alexandra Webb
Faculty: Laura R. Henry-Stone
Project: Life Cycle Analysis of a K-cup

Entry #44
Tonya Elizabeth Bapties
Faculty: Laura R. Henry-Stone
Project: Life Cycle Analysis of Coca-Cola Products

Entry #45
Anna Golos
Faculty: Laura R. Henry-Stone
Project: Life Cycle Analysis of Milk

Entry #46
Alex C. Vaughan
Faculty: Leslie D. Hatfield
Project: Arc Flash and More

Entry #47
Rocco Michael Duco
Faculty: Kevin M. Peterson

Entry #48
Kristopher S. Nippert
Faculty: William M. Roach
Project: Effectiveness of Chest Protectors in Preventing Commotio Cordis

Entry #49
Daniel W. Shannon
Faculty: William M. Roach
Project: Monocrystalline and Polycrystalline Silicon Semiconductors in Solar Cells

Entry #50
Mark Alexander Kozy
Faculty: Michael R. Solontoi
Project: Exploring the Universe

Entry #51
Zachary H. Betterton
Faculty: Michael R. Solontoi
Project: Asteroid Collision Modeling (ongoing)
FLINT FAMILY LOBBY
4–5 p.m.

Entry #52
Cody Payne
Faculty: Cynthia B. Ramsey
Project: STEM to STEAM: Can the “A” Really Make a Difference?

Entry #53
Derrick W. Elder
Faculty: Cynthia B. Ramsey
Project: Technology in the Music Classroom

Entry #54
Jessica S. Procopio
Faculty: Chris E. Magee
Project: Musical Genres in Relation to Historical Events

Entry #55
Cari Roth
Faculty: Cynthia B. Ramsey
Project: Why Music Education: Fostering a Community of Musicians

Entry #56
Brandon Coffer
Faculty: Cynthia B. Ramsey
Project: The Sample of its Day: L’Homme Armé in the Renaissance Era and 20th Century

Entry #57
Tyler Austin Phillips
Faculty: Kara E. Dean
Project: What’s That Sound - Cajun or Zydeco?: A Practical Lesson for First Grade Music Students

Entry #58
Zachary D. Spaulding
Faculty: Chris E. Magee
Project: It’s a Saxophone Solo, Charlie Parker!

Entry #59
Hattie Hannah Bays, Derrick W. Elder, and Christa King
Faculty: Kara E. Dean
Project: Old-Time Appalachian Music: Lessons for the Elementary Classroom

Entry #60
Jake B. Elder
Faculty: Cynthia B. Ramsey
Project: Music across the World: Differences Between American and Japanese Music Education

Entry #61
Antonia M. Charles, Sharon McDonald, and Ruth Ndolo
Faculty: Holly C. Gould
Project: An Investigation into the Factors Contributing to Collegiate Stress among Doctoral Students at Lynchburg College and the Coping Mechanisms They Employ

Entry #62
Kristen Mae Paxton
Faculty: Ellen K. Deluca
Project: Literature Review of Emergency Department Handoff

Entry #63
Kim R. Johnson
Faculty: Gary P. Austin
Project: What Evidence is there for the Effectiveness of Manual/Physical Therapy in Patients with Plantar Heel Pain/Plantar Fasciitis/Fasciopathy?

Entry #64
Alyssa M. Harmon
Faculty: Nancy E. Cowden
Project: Challenges in Veterinary Practices and the Problems they Pose

Entry #65
Shaheda A. Clark
Faculty: Nancy E. Cowden
Project: Implications of Service Availability

Entry #66
Sydney E. Niblett
Faculty: Christine H. Terry
Project: An Internship in Health Professions

Entry #67
Helen Sarah Boniface
Faculty: Thomas D. Shahady
Project: Water Quality Internship in Costa Rica
Entry #68
Jade Woll
Faculty: Thomas D. Shahady
Project: Development of Macroinvertebrate Water Quality Index for Central Pacific Region of Costa Rica

Entry #69
Hannah Cooke
Faculty: Thomas D. Shahady
Project: Analyzing the Methodology of Water Quality Assessments within Costa Rican Freshwater Stream Systems

Entry #70
Emily Nicole Moore
Faculty: Stephanie A. Beckner
Project: Empowering Women with the YWCA Domestic Violence Prevention Center

Entry #71
Faith C. Brown
Faculty: Stephanie A. Beckner
Project: The Life of Marie and Pierre Curie
ORAL PRESENTATIONS

SCHEWEL HALL, HOPWOOD HALL
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<tr>
<th>Time</th>
<th>Entry</th>
<th>Name</th>
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<th>Project</th>
<th>Location</th>
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</table>
| 8:30 – 8:45 a.m.|      | Entry #113            | Mariah L. Brockelbank  | Faculty: Timothy Meinke  
|               |      |                      |                        | Project: *Thomas Aquinas’ Just War Teaching Applied to the War on Terror* | Schewel Hall      |
| 8:45 – 9 a.m. | Entry #72 | Ryan Edward Connors  | Gerald T. Prante       | Faculty: The Effect of State Budgetary Decisions on the Yield of State General Obligation Bonds | Chromyx Hall, Hopwood Hall |
|               | Entry #90 | Abbigale Marie Anderson | Laura R. Henry-Stone   | Project: Indoor Air Quality at Lynchburg College: Comparing Building Variables to Student Perception | Schewel Hall Room 231 |
|               | Entry #114 | Jessica Kathleen Jerrils | Amy C. Merrill Willis  | Project: The Devil Made Me Do It: How Depictions of Demonic Possession in the Bible Influenced the Treatment of the Mentally Ill | Schewel Hall Room 232 |
| 9 – 9:15 a.m. | Entry #73 | Kyle Hodges           | Cheryl R. Jorgensen-Earp   | Faculty: Student Perceptions of and Gender Differences in Student Leadership on College Campuses | Schewel Hall Room 231 |
|               | Entry #91 | Isabel M. Zaru-Roque  | David O. Freier         | Project: The Isolation, Biochemical and Growth Characterization of Feline Supragingival Samples | Schewel Hall Room 231 |
|               | Entry #115 | Sarah Grace Bryant   | Allison M. Wilkins      | Project: The Weird and the Wonderful: Poetry Dedicated to Exploring Social Stereotypes Surrounding Mental Illness and the Misfit | Schewel Hall Room 232 |
|               | Entry #138 | Morgan E. Lammando   | Sean M. Collins         | Project: The Effect of Verbal Coaching and Music Motivation on One Mile Time Trials | Schewel Hall Room 231 |
| 9:15 – 9:30 a.m. | Entry #74 | Sarah Corey           | Michael G. Robinson    | Project: God Loves Purple Hair: An Ethnographic Study of San Diego Comic Con | Schewel Hall Room 231 |
|               | Entry #92 | Sandra E. Perez      | Jennifer N. Styrsky     | Project: Evolution of Egg Pigmentation in Passerine Birds | Schewel Hall Room 231 |
|               | Entry #116 | Nicholas P. Hopf     | Leslie S. Layne         | Project: The Relation and Influences of Tolkien’s Writing with His Scholarly Work | Schewel Hall Room 232 |
|               | Entry #139 | Elizabeth K. Wehr    | Sean M. Collins         | Project: Physiological Effects of Hiking: A Sharp Top Mountain Simulation | Schewel Hall Room 231 |
### ORAL PRESENTATIONS: SCHEWEL HALL, HOPWOOD HALL

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<th>Room 232</th>
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<th>Hopwood Auditorium</th>
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<tbody>
<tr>
<td>Schewel Hall</td>
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<td>Sydnor Performance Hall</td>
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**9:30 – 9:45 a.m.**

Entry #75  
**Dustin L. Haase**  
Faculty: Cheryl R. Jorgensen-Earp  
Project: *Adapting to the Big Screen: A Study of Themes in Consumer Reviews of Movie Adaptations of Young Adult Books*

Entry #93  
**Alyson P. Black**  
Faculty: David O. Freier  
Project: *The Effect of Culture Well Surface Topography on Nitric Oxide Production of E. coli LPS-stimulated RAW 264.7 Murine Macrophages*

**Break**

Entry #140  
**Angela B. Sale**  
Faculty: Jennifer L. Hall  
Project: *The Secrets About Feminine Hygiene Products*

**9:45 – 10 a.m.**

Entry #76  
**Caroline Moore**  
Faculty: Stefan G. (Stef) Nicovich  
Project: *Terrorism Marketing*

Entry #94  
**Susanna Phaup**  
Faculty: David O. Freier  
Project: *Nitric Oxide Response of RAW 264.7 Murine Macrophages Maintained in Parallel; Passage by Scraping versus Passage by Trypzinization*

Entry #117  
**Peter Owen Conlon**  
Faculty: Leslie S. Layne  
Project: *Unstuck in Grammar: The Style of Vonnegut*

Entry #141  
**Zamir Ahadzada**  
Faculty: Gary P. Austin  
Project: *Reliability and Validity of the Functional Movement Screen*

**10 – 10:15 a.m.**

**Break**

**Break**

Entry #118  
**Brianna Lyndsie Daeger**  
Faculty: Leslie S. Layne  
Project: *Character and Cultural Influences of Beowulf in J.R.R. Tolkien’s “The Hobbit” and “The Lord of the Rings” Trilogy*

Entry #142  
**Claiborne Fletcher and Jenny Franko**  
Faculty: Gary P. Austin  
Project: *Cornelia De Lange Syndrome in the West Indies: A Case Report of a Rare Disorder*

**10:15 – 10:30 a.m.**

Entry #77  
**Jake B. Elder**  
Faculty: Kara E. Dean  
Project: *Come Hula with Us!: Hawaiian Drum and Dance for the Elementary Music Class*

Entry #95  
**Kerry Michael Codoley**  
Faculty: Jason B. Crumpton  
Project: *Open Source 3-D Printed Syringe Pump*

Entry #119  
**Courtney R. Gardner**  
Faculty: Leslie S. Layne  
Project: *Language and Gender*

Entry #143  
**Trevor Litwiler, Tyler France, Erik Kreil, and Jacob Tanner**  
Faculty: Theresa E. (Terry) Leahy  
Project: *Reliability and Generalizability of the Limits of Stability Test When Used With College Athletes*
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>10:30 – 10:45 a.m.</td>
<td>#78</td>
<td>Rachel Leigh Stidham</td>
<td>Cynthia B. Ramsey</td>
<td><em>Sounds of the Silver Screen: Film Music in Music Education</em></td>
</tr>
<tr>
<td></td>
<td>#96</td>
<td>Russell H. Delancy</td>
<td>Joseph T. Meehean</td>
<td><em>Augmented Reality for Android</em></td>
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<tr>
<td></td>
<td>#79</td>
<td>Hattie Hannah Bays</td>
<td>Cynthia B. Ramsey</td>
<td><em>The First Lady of Song: Lessons for High School Mixed Choir</em></td>
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<tr>
<td></td>
<td>#97</td>
<td>Jeffrey Reynolds McCullen</td>
<td>Mary Lynn Deis</td>
<td><em>Improving Data Entry and Information Access in Electronic Health Records</em></td>
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<tr>
<td></td>
<td>#120</td>
<td>Jasmine P. Smith</td>
<td>Leslie S. Layne</td>
<td><em>Check “Yes” For Racism</em></td>
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<tr>
<td></td>
<td>#98</td>
<td>Andrew P. Baer</td>
<td>Randy L. Ribler</td>
<td><em>Tracking an Object with Sound</em></td>
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<tr>
<td></td>
<td>#121</td>
<td>DeAndre Chevelle Short</td>
<td>Leslie S. Layne</td>
<td><em>Gay Language: More Than Just Language, But an Identity</em></td>
</tr>
<tr>
<td></td>
<td>#99</td>
<td>John Benjamin Gerke</td>
<td>Edward G. (Ed) Declair</td>
<td><em>The Effect of Induced Positive Affect on Working Memory Performance</em></td>
</tr>
<tr>
<td></td>
<td>#122</td>
<td>Christine C. Swett</td>
<td>Leslie S. Layne</td>
<td><em>Language Death and Revival in post-Franco Spain</em></td>
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<tr>
<td></td>
<td>#144</td>
<td>Megan Elise Trevino, Laura Kelsey Patterson, and Jessica Nicole Welfare</td>
<td>Gary P. Austin</td>
<td><em>Evidence for The Effectiveness of Eccentric Exercise in the Management of Lateral Epicondylitis-algia</em></td>
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<tr>
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<td>#145</td>
<td>Jenny Franko and Kayla R. Wright</td>
<td>Sue E. Curfman</td>
<td><em>Shoulder Pain and Abnormal Movement and the Problems with Dichotomous Thinking: A Case Report</em></td>
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<tr>
<td></td>
<td>#146</td>
<td>Madelyn A. Schricker and Taylor Thornton</td>
<td>Gary P. Austin</td>
<td><em>What Evidence is there for the Effectiveness of Therapeutic Neuroscience Pain Education?</em></td>
</tr>
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**ORAL PRESENTATIONS:** Schewel Hall, Hopwood Hall

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**Break**
### 11:30 – 11:45 a.m.

| Schewel Hall | Entry #100 | Harrison James Smith  
Faculty: Takashi Maie  
Project: *Comparative Lever Analysis and Ontogenetic Scaling in Esocid Fishes: Functional Demands and Constraints in Feeding Biomechanics* |
| Schewel Hall | Entry #123 | Amelia Dawn Walker  
Faculty: Leslie S. Layne  
Project: *Race, Language, and the Classroom: Facing Classroom Differences* |
| Hopwood Hall | Entry #147 | Meaghan C. Dullea  
Faculty: Gary P. Austin  
Project: *Diagnostic Criteria for Cervicogenic Headaches* |

### 11:45 a.m. – Noon

| Schewel Hall | Entry #82 | Tevin Vaughan  
Faculty: Cynthia B. Ramsey  
Project: *An Era of Reform* |
| Schewel Hall | Entry #101 | Kendall Claiborne Porter  
Faculty: Brooke K. Haiar  
Project: *A New Specimen of Sauropod from the Morrison Formation in Wyoming* |
| Schewel Hall | Entry #125 | Spencer Murray  
Faculty: Adam W. Dean  
Project: *“Black and Burning Disgrace:” Progressive Era Education Reform in the American South* |

### Noon – 1:15 p.m.

**Break**

### 1:15 – 1:30 p.m.

| Schewel Hall | Entry #81 | Kelsey Dowling  
Faculty: Jimmy Roux  
Project: *“But, we’re in love.” A Study of Emotions Derived from Parasocial Relationships* |
| Schewel Hall | Entry #102 | Derek T. Bullock  
Faculty: Jurgen Ziesmann  
Project: *Isolation and Identification of Chemicals in Picea glauca Triggering Behavioral Variations in Reticulitermes flavipes* |
| Schewel Hall | Entry #126 | Blake Logan  
Faculty: Brian E. Crim  
Project: *A Rhetorical Analysis of Woodrow Wilson and FDR* |
| Hopwood Hall | Entry #148 | Brian G. Fuentes  
Faculty: Sean M. Collins  
Project: *Caffeine Gum and Anaerobic Cycle Performance* |
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<tr>
<th>Entry #83</th>
<th>Entry #103</th>
<th>Entry #127</th>
<th>Entry #149</th>
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<tbody>
<tr>
<td>Kellyn Shohei Lott</td>
<td>Joshua Gilbert Welfare</td>
<td>Shelby Miller</td>
<td>John Paul Lopez</td>
</tr>
<tr>
<td>Faculty: Chris E. Magee</td>
<td>Faculty: Jason B. Crumpton</td>
<td>Faculty: Brian E. Crim</td>
<td>Faculty: Jennifer L. Hall</td>
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<th>Entry #104</th>
<th>Entry #128</th>
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<tbody>
<tr>
<td>Madison Dorothy Wares</td>
<td>William Patrick Foley</td>
<td>Diyun Song</td>
<td>Allison Fleig</td>
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<tr>
<td>Faculty: Cynthia B. Ramsey</td>
<td>Faculty: Joseph T. Meehan</td>
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<tr>
<td>Derrick W. Elder</td>
<td>Shawn M. Cherry</td>
<td>Jacob A. Hurst</td>
<td>Marissa Dadura</td>
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<tr>
<td>Faculty: Cynthia B. Ramsey</td>
<td>Faculty: Will Briggs</td>
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<tbody>
<tr>
<td>DeAra A. Warren</td>
<td>Dylan James Elliott</td>
<td>Sabreen Rash</td>
<td>Julie Ann Thomas</td>
</tr>
<tr>
<td>Faculty: Cynthia B. Ramsey</td>
<td>Faculty: Virginia A. Cylke</td>
<td>Faculty: Marek Payerhin</td>
<td>Faculty: Jill M. Lucas</td>
</tr>
<tr>
<td>Project: <em>The Tale of Orpheus Revamped and Revived</em></td>
<td>Project: <em>It’s Not Your Fault, it’s Your Gender: Blame in the Workplace as it is Attributable to Gender</em></td>
<td>Project: <em>The Electronic Jihad: An Analysis of the Role of Media in Terrorist Organizations</em></td>
<td>Project: <em>Shod vs. Unshod Agility, Balance, and Jump Height</em></td>
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</tbody>
</table>
3 – 3:15 p.m.  
Entry #87  
Jacqueline Lubin  
Faculty: Edward A. (Ed) Polloway  
Project: Roles of Special Educators in St. Lucia

Entry #107  
Amanda Gail Mayhew  
Faculty: Alisha R. Marciano  
Project: Emotional Responses and Coping Strategies Associated with Cyber Victimization via Social Media

Entry #131  
Spencer T. Murray  
Faculty: Daniel G. (Dan) Lang  
Project: Realism and Liberalism as Guiding Philosophies of American Conduct in International Arms Control

Entry #109  
Chad M. Hobson  
Faculty: John E. (Eric) Goff  
Project: Tour de France Modeling: 2015 Results and Comparisons with Elite Cyclist Power Data

3:15 – 3:30 p.m.  
Entry #88  
Hannah Myers  
Faculty: Paula C. Lichiello  
Project: Breaking Down the Silos: Maximizing Collaboration to Enhance the Faculty Experience in Faculty-in-residence Programs

Entry #108  
Zachary H. Betterton  
Faculty: Michael R. Solontoi  
Project: Research into Small Near-Earth Asteroids Spectroscopy (ongoing)

Entry #132  
Melissa Ann Micek  
Faculty: Timothy Meinke, Laura Kicklighter, and Thomas Brickhouse  
Project: Does Parole Abolition Lead to a Decrease in Reported Crime Rates?

Entry #154  
Kendall Lyn Topping  
Faculty: Bruce H. Mayer  
Project: From Cunning Cinders to Cinderella: Feminism in French Fairy Tales in the 17th and 18th Centuries

3:30 – 3:45 p.m.  
Entry #89  
Mary Beier  
Faculty: Gail F. Brown  

3:45 – 4 p.m.  
Entry #109  
Chad M. Hobson  
Faculty: John E. (Eric) Goff  
Project: Tour de France Modeling: 2015 Results and Comparisons with Elite Cyclist Power Data

Entry #133  
Sarah B. Meloy  
Faculty: Allison M. Wilkins  
Project: The Rise of the Anti-Pastoral and the Post-Pastoral: Eco-social and Eco-political Criticism of Contemporary Anti-pastoral and Post-pastoral Poetry
### ORAL PRESENTATIONS: SCHEWEL HALL, HOPWOOD HALL

<table>
<thead>
<tr>
<th>Room 232</th>
<th>Room 231</th>
<th>Hopwood Auditorium</th>
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<tbody>
<tr>
<td>Schewel Hall</td>
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<td>Hopwood Hall</td>
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#### 4 – 4:15 p.m.

4:15 – 4:30 p.m.

4:30 – 4:45 p.m.

4:45 – 5 p.m.

<table>
<thead>
<tr>
<th>Entry #110</th>
<th>Entry #134</th>
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<tbody>
<tr>
<td>Chad M. Hobson</td>
<td>Linwood Stevens</td>
</tr>
<tr>
<td>Faculty: John E. (Eric) Goff</td>
<td>Faculty: Leslie S. Layne</td>
</tr>
<tr>
<td>Project: <em>Creating Drag and Lift Curves from Soccer Trajectories</em></td>
<td>Project: <em>Translating Beowulf</em></td>
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<thead>
<tr>
<th>Entry #111</th>
<th>Entry #135</th>
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<tbody>
<tr>
<td>Kevin Rivera, Joshua Cahow, Lindsey Van Zile, Marcelo Quicho, Mercy Ebidighi, and Tyler Stadtherr</td>
<td>Jessica Kathleen Jerrils</td>
</tr>
<tr>
<td>Faculty: Laura R. Henry-Stone</td>
<td>Faculty: Marek Payerhin</td>
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<tr>
<td>Project: <em>The Historical Preservation of College Lake</em></td>
<td>Project: <em>You Can’t Eat Democracy: Tunisia’s Unfinished Revolution</em></td>
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<tr>
<th>Entry #112</th>
<th>Entry #136</th>
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<tbody>
<tr>
<td>Michael Romano</td>
<td>Joshua D. Herbaugh</td>
</tr>
<tr>
<td>Faculty: Michael A. Coco</td>
<td>Faculty: Marek Payerhin</td>
</tr>
<tr>
<td>Project: <em>Rubin Industrial Company Shipping Cost Project</em></td>
<td>Project: <em>Ethnic Conflict and Democracy in South Sudan</em></td>
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<tr>
<th>Entry #137</th>
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<tbody>
<tr>
<td>Margaret Shannon Flynn</td>
</tr>
<tr>
<td>Faculty: David H. Richards</td>
</tr>
<tr>
<td>Project: <em>China and Argentina: a Model of Core-Periphery Relations</em></td>
</tr>
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</table>
ACKNOWLEDGMENTS

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 represents 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.

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. Maria Nathan, Dr. Marek Payerhin, Dr. Randy Ribler, Mr. Scott Robert, we thank all of you for helping to make this year’s showcase a successful event.

KENNETH R. GARREN
President of the College

SALLY SELDEN
Vice President and Dean for Academic Affairs

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and IRENE STERNE, SCHOOL OF SCIENCES
Publications and Publicity Support

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Sydnor Performance Hall

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Showcase set-up

SCHOOL DEANS
Prizes, program funding, judging

THE STUDENT PRESENTERS and
FACULTY SPONSORS who made this event possible