



McNAIRY LIBRARY	Room 100	Room 104	Room 106	Room 117	Room 118	Room 502
9:30-10:45	<b>Equalizing Curriculum in PA</b> with <i>Samantha Krasevic</i> , organizer <i>Markisha Peace</i> <i>Lizzie Ebert</i> <i>Alexa Cain</i> <i>Lily Bauer</i> <i>Stephanie Sowers</i>	<b>The Doctor Can’t See You Now: Can Your Health Afford to Wait?</b> <i>Mariannette Calon-Munoz</i> , organizer <b>It’s not Apples to Apples to Apples: Your Complete Guide to Comparison Shopping for Primary Care</b> <i>Kimberly Ibarra</i> <b>Fiscal Responsibility</b> <i>Chris Lohr</i> <b>Are We Gryffindor or Slytherin? Sorting Healthcare Systems from an International Perspective</b> <i>Matilda Ryan</i> <b>Downstream Or Upstream: Nurse Practitioners Building Bridges in Healthcare</b> <i>Mallory Hull, Mariannette Calon-Munoz</i>	<b>Gust Front Detection Using Neuro-Fuzzy Algorithm with Polarimetric WSR-88D</b> <i>Amber Liggett</i> <b>Modern Factors Influencing Threatened and Endangered Species</b> <i>Kayli Thomas, Kelsi Nagy, Alexander Sandercock</i> <b>Examining the Nocturnal Stable Boundary Layer and Low-Level Jet During PECANh2&gt;</b> <i>Natalie Midzak, Megan McAuliffe</i> <b>Evaluating the Effectiveness of Pre-Baiting Traps for Small Mammal Capture Success</b> <i>Brooke Frye, Kelsey Lopez</i>	<b>The Rescue of Bat 21 Bravo: A Case Study of Search and Rescue Operations in the Vietnam War</b> <i>Brian Pearson</i> <b>Gifts of Beauty: Music Non-Profits of Lancaster County</b> <i>Elijah Green</i> <b>Unto These Yellow Sands</b> <i>Bevan Fields</i>	<b>Project Green Lancaster 2.0</b> (with Dr. Stacy Irwin, faculty mentor) <b>Co-Working: As Sweet as Candy</b> <i>Autumn Groff, Haley Dennis</i> <b>Sustaining until the Cows Come Home</b> <i>Allie Remis, Mike Nitroy</i> <b>Environmental Fisherman</b> <i>Reid Anderson, Josh Davis</i> <b>Local, Organic, Green: Lancaster Farmacy</b> <i>Joseph Gratz</i> <b>MUsings: The Graduate Journal-Part of a Whole: A Personal Essay</b> <i>Tyler Gehman</i> <b>Casting the Die</b> <i>Alexandra Lavelly</i>	<b>Gender Bias over the Years</b> <i>Jenna Ioannidis</i>
11:00-12:15	<b>Let’s Talk about Racism MU</b> <i>Aimee Dilucido</i> <b>The Experiences of Male Social Work Students At Millersville University</b> <i>Tyler Gehman</i> <b>Effects of the Media on Body Image</b> <i>Brittni Tallman</i> <b>The Effects of Adolescent Sexual Assault on the Interpersonal Relationships of Adult Females</b> <i>Allison Nagler</i>	<b>MUsings: The Graduate Journal- Women and Redemption in the Romantic Gothic Novel</b> <i>Elizabeth Notarangelo</i> <b>The Optimization of Wind Turbines</b> <i>Jonathon Gojda</i> <b>The Correlation of Mercury, Ions, and Weather Conditions at PA-47</b> <i>Ashley Orehek, Andrew Yarosh</i> <b>Does Prior Knowledge in Programming Increase Success for Students Pursuing a Computer Science Degree at MU?</b> <i>Joseph Asbury</i>	<b>Non-Verbal Norm Violation Experiments</b> (with Dr. Lisa Schreiber, faculty mentor) <i>Kelsey De Los Santos</i> <i>Helena Protopapas</i> <i>Sally Ricker</i> <i>Elizabeth Miller</i>	<b>Made in Millersville Conference Proceedings Journal</b> <i>Maria Glotfelter, Isidore Iradukunda, Rowan Byrne</i> <b>Disability and Mental Illness in Counterculture Literature</b> <i>Maria Rovito</i> <b>A Study of Millersville University Classrooms: How do English Composition Students Really Look at Revision?</b> <i>Allie Remis</i> <b>Teaching in Tanzania as a Volunteer</b> <i>Cassie Werth</i>	<b>Educational Business Model</b> <i>Julia Goussetis</i> <b>Effects of Inclusion</b> <i>Brianna Craley</i> <b>Music Funding in Schools</b> <i>Kevin Goldfinger</i>	<b>Augmented Reality: Using Google Cardboard</b> <i>Tyler Helsel</i>
1:00-2:15	<b>Capabilities of a Metal Head</b> <i>Emily Campagnola</i> <b>Refugees of Lancaster</b> <i>Nicole Daacke</i> <b>Inclusive Education</b> <i>Markisha Peace</i> <b>A Study of Research Based Education in Creating an Interactive Learning Environment</b> <i>Anthony Kessler</i>	<b>Doing Ethnography Locally</b> (with Dr. Marlene Arnold, faculty mentor) <b>What Is Anthropology?</b> <i>Joshua Eyer, Kaitlyn Lundy</i> <b>What is Ethnography?</b> <i>Megan Edwards, Amira Price, Jacob Robison</i> <b>Asking Descriptive Questions</b> <i>Thomas Burke, Devin Donaghy, Isabella Valentin</i> <b>Digging Deeper into a Microculture</b> <i>Erin Berry, Chelsea Collazo, Kaleb Prouse</i> <b>Uncovering the Difference</b> <i>Heather Gallus, Leyna Gilleland, Emily Zimmerman</i> <b>Writing an Ethnography for the Real World</b> <i>Hannah Lerew, Tabatha Smith</i>	<b>Mini Advertising Campaigns for Local Non-Profit Organizations</b> (with Dr. Lexi Hutto, faculty mentor) <b>Nulife’s: Refashion. Redesign. Repurpose</b> <i>Anthony Cazillo</i> <b>Mom’s House Lancaster</b> <i>Morgan Speakman, Meghan Stambaugh</i> <b>Community, Empowerment, Success</b> <i>Candy Kearse</i> <b>Protecting the Environment One Stitch at a Time</b> <i>Anthony Cunto</i> <b>The Use of English Phrases in the German Newspaper Die Zeit</b> <i>Jeremy Varner</i> <b>A Look at the Funeral Home Industry</b> <i>Christine Illes</i>	<b>An Oral History of Central Pennsylvania Opera Singers and Their Role-Preparation and Performance Technique</b> <i>Olivia Ober</i> <b>The Gold Rush of 1849</b> <i>Scott Patton</i> <b>Saxophone Quartet “Cinnamon Re”</b> <i>Nick Franks, Bridgette Horning, David Popplewell, Andrew Northrup</i> <b>MUsings: The Graduate Journal- Marylou and the Portrayal of Women in Jack Kerouac’s On The Road</b> <i>Laura Birkin</i>	<b>3D Printing Mechanical Properties</b> <i>Skylar Zarzecki</i> <b>Optimizing the Multi-Class Perceptron through Parameter Tuning and GPU Utilization T</b> <i>Shayne McIntosh</i> <b>Twitter Response During the Attacks in Paris</b> <i>Ashley Duros</i>	<b>Social Work 322: Literature Review Student Presentations</b> (with Dr. Laura Granruth, faculty mentor) <b>Bereavement Care for Alzheimer’s Patients</b> <i>Samantha Blasch</i> <b>Suicidal Behavior in Children</b> <i>Chelsea Phillipson</i> <b>Recidivism: The African American Plight</b> <i>Arianna Camel</i> <b>Europe's Forgotten Children: The Effects of Segregation on Romani Youth</b> <i>Katherine Chuey</i> <b>Modern Industrialized Slaughterhouses Produce More than Meat</b> <i>Constance Valdez</i> <b>Attention Deficit and Hyperactivity Disorder: Misdiagnosed and Misunderstood</b> <i>Ana Francisco</i>
2:30-3:45	<b>The Spoken Word</b> (with Dr. Caleb Corkery, faculty mentor) <i>Alex Jean-Paul</i> <i>Ashley Effrece</i> <i>Cherelle Dessus</i> <i>Nathan Warren</i> <i>Ahleah Fortson</i> <i>Evan Viaggiano</i> <i>Rasheed Wesley</i> <i>Vance Holloway</i> <i>Sherrell Kent</i> <i>Rashid Noah</i> <i>Marisa Koulen</i> <b>Science Fiction: An Ancient Literature Genre with Long History</b> <i>Xia Shen</i>	<b>Posthumanism in 20<sup>th</sup> &amp; 21<sup>st</sup> Century Art</b> (with Dr. Christine Filippone, faculty mentor) <b>Tiffany’s and Technology: The Keen Mind of Clara Driscoll</b> <i>Bonnie Watts</i> <b>Toward a Materialist Intuition, and Malevich</b> <i>John Werner</i> <b>Hilma af Klint: Mysticism, Evolution and the Rise of Abstraction</b> <i>Helena Protopapas</i> <b>Berlin Dada and the Conceptual Cyborg</b> <i>Martina Adamo</i>	<b>Stability in Chaos: An Examination of the Kurdish Situation and the Regional Implications of an Internationally Recognized Kurdish State in Northern Iraq</b> <i>Andrew Roth</i> <b>The Expression of Breed-Specific Behavior in The Domestic Canine (Canis Lupus Familiaris)</b> <i>Hannah Lohr</i> <b>The Coatesville Youth Initiative: INFLUENCE, LEAD, EMPOWER</b> <i>Samuel Brown</i>	<b>Social and Political Equity</b> (with Dr. David Owen, faculty mentor) <b>Gender Inequality in the Workplace in Japan: Does Education Lead to Erosion of Tradition?</b> <i>Leona Soi</i> <b>The Impact of Progressive Attitudes on Gender Inequality in Argentina</b> <i>Kaitlyn Rhoades</i> <b>Islam in China: Comparing Treatment of Hui and Uyghur People in China</b> <i>Richard Paul Clemmer</i> <b>Gender Inequality: Asian Women and Societal Marriage Pressures</b> <i>Ariel Silkett</i> <b>Disputes over the South China Sea</b> <i>Mei Qian</i>	<b>Social Work 322</b> (with Dr. Laura Granruth, faculty mentor) <b>The Importance of After-School Programs for At-Risk Youth</b> <i>Francis Miliano</i> <b>Reducing Stigmas Associated with Mental Illness</b> <i>Samantha DeJesus</i> <b>Preparing Offenders for Societal Re-Entry</b> <i>Stephanie Signorelli</i> <b>LGBT Youth Experiencing Homelessness</b> <i>Brandy Bressler</i> <b>Heroin Epidemic</b> <i>Lauren Lefever</i> <b>Factors Affecting a Woman’s Decision to Leave a Domestic Violence Relationship</b> <i>Tina Miller</i>	

Poster Session 1: 9:00-10:00	Poster Session 2: 10:00-11:00	Poster Session 3: 11:00-12:00	Poster Session 4: 12:00-1:00	Poster Session 5: 1:00-2:00	Poster Session 6: 2:00-3:00
<p># 1. <i>Tom Bacho</i>. The Design and Construction of a Light-Activated Photographic Delay and Trigger Implementing Mobile Technology.</p> <p>#2. <i>Tom Bacho</i>. An Experimental Comparison of the Fade Resistance and Durability of Aqueous Vinyl Floor Graphics With and Without the Application of UV Lamination.</p> <p>#4. <i>Tracy Rennecker, Kendall Seigworth, Kurt Lituma, Katie Moody</i>. Quality of Life and Community Among Residents in Southwest Lancaster City.</p> <p>#5. <i>Zachary Cober</i>. Can You Buy Better Schools?</p> <p>#7. <i>Aimee Rosenberger</i>. The Effect of Socioeconomic Status on Achievement in the School District of Lancaster.</p> <p>#11. <i>Amanda Long</i>. A Sample of the Number Systems of the Indigenous Groups of Patagonia.</p> <p>#18, 19. <i>Maria Mosca</i>. The Unseen: An Exhibition of Abstract Paintings Regarding the Art of Waste.</p> <p>#20-29, # 36-39, #41. Aspects of Colonial Life ( 9:30-10:45)</p> <p># 34, 35. <i>Emily Pellini</i>. Bee Family.</p> <p># 64. <i>Jennifer Cederberg</i>. Construction of a His-tagged Expression Plasmid for SfnA B of the Staphyloferrin A Biosynthetic Pathway.</p>	<p>#20-29, # 36-39, #41. Aspects of Colonial Life ( 9:30-10:45)</p> <p>#3. <i>Megan Rehm</i>. A Lesson in the Geometric Constructions of the Maya.</p> <p>#9. <i>Marianne Caesar</i>. Non-traditional Publications: The Underground Scene of Zines.</p> <p>#30. <i>George Smith</i>. Simulations for More Efficient Wind Turbines.</p> <p>#31. <i>Daniel Cox</i>. A Study of the Electrical Characteristics of Photovoltaic Cells.</p> <p>#32. <i>Joseph Wright</i>. The Millersville Autonomous Vision Inductive Sorter with 3D Printed Technology (MAVIS).</p> <p>#42. <i>Bryan Diem</i>. Millersville and Lancaster: Connecting Education and Community Development through Alumni Retention</p> <p>#55. <i>Colleen Moore</i>. 3D Printing Products for International Travel.</p> <p>#57. <i>Eric Ritchey and Steven Halterman</i>. 3D Printed Bottles.</p> <p>Display Case #1. <i>Emily Pellini, Emily Campagnola, Mary Kay Witmer, Amy Edwards</i>. Sustainability &amp; Art: Using Recycled Materials Exhibit.</p>	<p>#12. <i>Amy-Charlotte Devitz, Kurt Schaller,Kira Klaassen, Corie Mellinger</i>. The Art and Science of Bringing Fish Anatomy to the Classroom.</p> <p>#14. <i>Emmali Montgomery</i>. Lack of Women in Computer Science: Assessing the Educational Influences of STEM Majors.</p> <p>#43. <i>Hannah Ashberry</i>. Fluorescence Studies on a Series of Carboxylic Acid Dyes.</p> <p>#54. <i>Kameron Carmina</i>. Mitigating the PDS Experience from the Middle Level Perspective.</p> <p>Display Case #2 <i>Mary Kay Witmer, Emily Campagnola, Emily Pellini, Amy Edwards, Tom Toth</i>. East Carolina University Metals Symposium Exhibit.</p>	<p>#10. <i>Hannah Halter, Laura Birkin, Shane Marino</i>. MUUsing: The Graduate Journal.</p> <p>#13. <i>Emily Fucci</i>. The Identification of Best Management Practices on Preserved Farms for Source Water Protection Areas in Lancaster County: A Pilot Study.</p> <p>#15. <i>Izzy Kainz</i>. Scenic Design for University Theatre's Bury The Dead.</p> <p>#17. <i>Ryan Silver</i>. Stage Management-University Theatre's Macbeth.</p> <p>#40. <i>Emily Hess</i>. How did Gender Roles in the 1800's Influence Teaching?</p> <p>#52, 53. <i>Emily Ward</i>. Into the Blackwood</p> <p>#61. <i>Donald Wonnie-Chery</i>. An Experimental Comparison of Inkjet Printability of Selected Synthetic Paper Substrates.</p> <p>#63. <i>Danielle Olson</i>. Determining the Optimal Curing Temperature for Heat Set Plastisol Textile Screen Printing Ink.</p>	<p>#6. <i>Alanna Parker</i>. Creative Processes in the Classroom.</p> <p>#8. <i>Corey McCarthy</i>. Standardized Testing: The Downside to this Common Assessment.</p> <p>#24, 25. <i>Emily Allard</i>. Lifetime of Waiting.</p> <p>#44. <i>Jo Caruso</i>. The Effect of Zero-Tolerance Policies on Childhood and Adolescent Development and Discipline.</p> <p>#59. <i>Jenna Waite</i>. The Effects of Endocrine Disrupting Chemicals on Avian Physiology and Behavior.</p>	<p>#16. <i>Rosemary Asencio</i>. Who/What Muted Them?: An Examination of Muteness of Male Victims within Sexual Assault.</p> <p>#45. <i>Betsabe Hernandez</i>. A Study in ESL Education.</p> <p>#46. <i>Alea Bechtal, Kelsey Bomboy</i>. Use of Social Media and Attitudes toward Presidential Candidates.</p> <p>#47. <i>Rachel Lee, Maria Flores, Adisa Jusie, Devon Singh</i>. Perceptions of Ambiguous Cheating in Various Contexts.</p> <p>#48. <i>Emily Melhorn, Vilma Caraballo, Nathan Smeigh</i>. Who Likes MU?</p> <p>#49. <i>Christopher Anderson, Abbie Shervinski, Rebecca Lurie</i>. Student Perceptions of Online Education.</p> <p>#50. <i>Ashley Nole, Amanda Hoch, Macey Walker, Derick DeCamp</i>. Predictors of College Students' Well-Being.</p> <p>#51. <i>Wendy Blauch, Ana Marquez, Nicholas Meeks, Melina Mousoupetros</i>. Perception of Risk, Vulnerability, and Cautionary Behavior among College Students.</p> <p>#56. <i>Alaina Herbst</i>. Teaching Latino History in American Public Schools.</p>
<p>#20-29, # 36-39, #41. <i>Leyna Gilleland, Joshua Hackel, Caroline Hamersky, Daniel Harpold , Kathryn Turner, Tyler Jackson, Erin Magee, Jacob Robison, Samantha Rumler, Kiersten Stepp, Joy Stewart, Thomas Weingartner, James Roonie</i>. Aspects of Colonial Life (9.30-10.45).</p> <p>#66. <i>Christopher Gojda</i>. X-Ray Observations of LMC SNR N49 &amp; N49B</p> <p>#69. <i>Rachel Bechtel</i>. The Synthesis and Chemistry of Some Novel Diaziridines.</p> <p>#92. <i>Matthew Carta</i>. Studies Toward the Synthesis of Hunanamycin A.</p> <p>#94. <i>Victoria Coutts</i>. Isolation and Comparative Analysis of Candidate Twitchin RNA Sequences from Distinct Muscle Types in the Squid.</p> <p>#97. <i>Cecilia Hall</i>. Structural Colors of Birds.</p>	<p>#65. <i>Cara Discavage</i>. Bacterial Contamination on Common Technology Equipment.</p> <p>#67. <i>Isidore Iradukunda</i>. Surface Enhanced Raman Spectroscopy Using Silver and Gold Nanoparticles.</p> <p>#71. <i>Joseph Receuver</i>. The Characterization of Microbiota Changes after Larval Mosquito Treatment in Post-Hurricane Sandy Tree Divot Habitat in Hunterdon County, NJ.</p> <p>#73. <i>Jennifer Houtz</i>. Behavioral Endocrinology of Social Behavior in the Wire-Tailed Manakin.</p> <p>#88. <i>Wesley Rathman and Skylar Zarzecki</i>. 3D-printed Travel Bottle.</p> <p>#93. <i>Zachary Moore</i>. Spatial Analysis of Undergraduate Research Submissions for the CUR Posters on the Hill.</p>	<p>#33. <i>Dr. Mark Atwater</i>. Nanotechnology in Action: Live, Interactive Electron Microscope Demonstration (11:00-1:00)</p> <p>#68. <i>Paolo Cornelio, Matthew Thompson, Nicholas VanLeuven</i>. Mechanisms of Pharmaceutical Drugs: Hydrochlorothiazide.</p> <p>#70. <i>Eric Breedon, Olivia Gorman</i>. Mechanisms of Pharmaceutical Drugs: Lisinopril.</p> <p>#72. <i>Cassidy Collins, Bradley Shorter</i>. Mechanisms of Pharmaceutical Drugs: Alprazolam.</p> <p>#74. <i>Victoria Coutts, Sabiel Lopez</i>. Mechanisms of Pharmaceutical Drugs: Penicillin.</p> <p>#76. <i>Kathleen Drachbar, Martha Osborne</i>. Mechanisms of Pharmaceutical Drugs: Chloramphenicol.</p> <p>#78. <i>Diem Huynh, Elizabeth Leedy</i>. Mechanisms of Pharmaceutical Drugs: Statins.</p> <p>#80. <i>Jack Warner</i>. A Mathematical Model for the Interactions between Red Blood Cells, Malaria Parasite, and Host Immune Response.</p> <p>#82. <i>Emily Melhorn</i>. The Effects of Environmental Reliability on Self-Control in Middle-School Students.</p> <p>#86. <i>Michael Stout, Jeffrey Heggars</i>. Experimental 3D Printing.</p> <p>#98. <i>Hannah Beville</i>. Impact of Antibiotics on Spodoptera Frugiperda Larval Development.</p>	<p>#75. <i>Christina Michael</i>. Neuroendocrine and Genetic Bases of Alternative Behavioral Strategies in the Polymorphic White-throated Sparrow.</p> <p>#77. <i>Leah Schwartz</i>. Species Database of Roddy Pond: 2010-2014.</p> <p>#87. <i>Andrew Yarosh</i>. Millersville Community Emergency Response Team (CERT).</p> <p>#89. <i>Tyler Keck</i>. A Farmer's Tale: The Life of the Funk Family Based on the Funk Family Ledger: 1782-1830.</p>	<p>#83. <i>Sara Schmidt</i>. Women in Disaster: A Vulnerability Analysis and Ideas for Resiliency</p> <p>#85. <i>Tabatha Smith, Rebecca Struthers, Lauren Finley, Jonathan Kreider</i>. The F.A.N.N. Club (Friends of Advocates for Native Nations)The First Native American Organization at Millersville University</p> <p>#91. <i>Sarah Kline</i>. Women's Health in Africa.</p> <p>#96. <i>Edwin Minguela</i>. A Latino's Experience in a Native American Setting.</p> <p>#99. <i>Thomas Tchistiak</i>. Arbiton - A Student Run Small Business.</p>	<p>#79. <i>Joel Hassell</i>. Cognitive Behavior after Tropisetron Treatment in Progesterone-Primed Female Rats.</p> <p>#81. <i>Taylor Lagler</i>. The Effect of within Class Covariance Matrices on Classification Using Discriminant Analysis.</p> <p>#84. <i>Erin Logue</i>. Combating Mental Illness Stigma: Celebrity Advocate vs. Non-Famous Video Contact.</p>
				<p>#117. <i>Stephanie Santos</i>. An Experimental Comparison of Heat Transfer Images vs. Traditional Screen Printing Images.</p>	
<p>#101. <i>Lindsey Ditzler</i>. Fracture Frequency in Drill Core of the Appalachian Plateau.</p> <p>#103. <i>Lindsay Harrison</i>. The Effects of Insect herbivory on Enzymatic Activity in Ailanthus Altissima (Tree of Heaven).</p> <p>#105. <i>Dakota Michael</i>. Nesting Carry-on Bottles.</p> <p>#107. <i>Maggie Wallner</i>. Affects of Water Soluble Ailanthus Altissimaextract on Larval Growth and Development of Aedes Aegypti.</p> <p>#109. <i>Laura Bankert</i>. Catalytic Investigation of Multimetal Nanostructures.</p> <p>#113. <i>Matthew Thompson</i>. Modification of Poly-Valerolactone Through Hydrogen Bonding.</p> <p>#118. <i>Jordan Card</i>. Oviposition Behavior of Lepidopterans in Response to Secondary Metabolites from Ailanthus Altissima.</p>	<p>#104. <i>Ryan Walker</i>. Creation of a Dichotomous Key of Mosquito Larvae for Use by the Hunterdon County Vector Control Program.</p> <p>#106. <i>Roger Welsh</i>. Metallic Catalyst Size Reduction to form Nanoparticles.</p> <p>#108. <i>Laura Saltzman</i>. Sex Trafficking: A Case Analysis of Pennsylvania and Nevada.</p> <p>#127. <i>Nathan Murry</i>. Airborne Lidar Data Assessment of Wallops Island, Virginia.</p> <p>#128. <i>Nathan Murry</i>. Coastal Bays and Sea Level Rise: A Long-term analysis of Chincoteague Bay Barrier Island System.</p>	<p>#112. <i>Allan Abel</i>. Utilizing Invertebrate Sampling Techniques to Determine Extent of Changes Caused by Construction in a Temperate Forest Region.</p> <p>#114. <i>Katherine Geating</i>. Differential Gene Expression Analysis in Muscle Tissue of Squid Using Subtractive Hybridization.</p> <p>#116. <i>Calen Wylie</i>. Plant Extract Effect on Mosquito Mortality: Determining the Efficacy of an Ailanthone Extract to Control Adult Mosquitoes.</p> <p>#123. <i>Kelly Sullivan</i>. Whose Education is it Anyway?</p>	<p>#102. <i>Ashley Orehek</i>. The Correlation of Mercury, Ions, and Weather Conditions at PA-47.</p> <p>#110. <i>Ivanny Jacome Ottati</i>. The Synthesis and Reactions of Some 1,2-Diacylidiaziridines.</p> <p>#115. <i>Linh Nguyen</i>. Purification of Horseradish Peroxidase for Biochemistry Lab.</p> <p>#119. <i>Nicole Sundo</i>. Capillary Electrophoresis of a Protein Mixture.</p> <p>#121. <i>Cara Geiger</i>. Validation and Analysis of MW_IR OI SST Product over the Indian Ocean.</p> <p>#125. <i>Erin McIntyre</i>. Construction of a His-tagged Expression Plasmid for SfnA D of the Staphyloferrin A Biosynthetic Pathway.</p> <p>#126. <i>Maria Muniz</i>. Development of an HPLC-Based Activity Assay for Ornithine Racemase.</p> <p>#129. <i>Alexandra Flurry</i>. Mapping Sustainability at Millersville University.</p> <p># 141. <i>Ryan Peterson</i>. Design and Implementation of a 2D Arena Boss Game Using the Unreal Engine.</p>	<p>#120. <i>Nicole Guy</i>. An Experimental Comparison of Selected Lamination Films Designed for Ultra-Violet Light Protection.</p> <p>#122. <i>Kaitlin Heilenman</i>. Determining the Archival Quality of Ultra-Violet Color Changing Ink.</p> <p>#124. <i>Michael Burns</i>. Seasonal Distribution of Marine Organisms in a Salt Marsh Ecosystem in Wallops Island, VA.</p> <p>#130. <i>Jesse Torres</i>. An Experimental Comparison of HP Printability of Selected Photographic Paper Substrates.</p> <p>#132. <i>Shayne McIntosh</i>. Optimizing the Multiclass Perception through Parameter Tuning and GPU Utilization.</p> <p>#134. <i>Benjamin Terry</i>. Establishing Proper Laboratory Practices for Successful 3D Hydrographic Printing.</p> <p>#135. <i>Alexis Bartlett</i>. Optimal Temperature and Time for Heat Pressing Transfer Foil.</p> <p>#136. <i>Kevin Piakowski</i>. One and Two-Dimensional Random Walks with One-Step Memory.</p> <p>#139. <i>Melody Aleman and Mike Burns</i>. Ecology of Chincoteague Bay.</p> <p>#142. <i>Angela Ditri</i>. Validation and Analysis of MW_IR OI SST Product over the Indian Ocean.</p>	<p>#100. <i>Jose Urena</i>. The Synthesis and Reactions of Some 1,2-Dithioylidiaziridines.</p> <p>#111. <i>Sarah Kennedy</i>. Comparison of Determining Metal Ions in Water Samples by Rotating Disk Voltammetry and Atomic Absorption Spectroscopy.</p> <p>#131. <i>Todd Echterling</i>. MUCS Programming Team Competitions.</p> <p>#133. <i>Todd Echterling</i>. Cyber Security Awareness.</p> <p>#137. <i>Amanda Sleinkofer</i>. Reassessing the BATSE Catalogue of Terrestrial Gamma-ray Flashes.</p> <p>#138. <i>Amy Lehr</i>. Improvement of Mechanical Properties of Polylactones through Pi Stacking.</p> <p>#140. <i>Orlando Ricetti Neto</i>. Light Study on the Effects of Beach Replenishment at Wallops Island.</p>