Run with new ideas

12th Annual
Research & Creative Achievement Week 2018

Undergraduate Student Presentation Schedule

Wednesday, March 28, 2018 | Mendenhall Student Center
Undergraduate Oral Presentations

Great Room 1 | Biomedical Sciences  8:15 AM - 11:30 AM

UO1  8:15-8:30  Using LC/MS to Quantify Metabolites in Urine Samples Post Clinical Exposure to Benzoates in Beverages, Cameron Worthington

UO2  8:30 - 8:45  Folic Acid: Friend or Foe? Swapna Sahiti Marella

UO3  8:45 - 9:00  Impacts of Metal Oxide nanoparticles ZnO, CuO, and TiO2 on reproductive function and gene expression in Caenorhabditis elegans, Thomas Thornburg

UO4  9:00-9:15  Select hnRNPs facilitate the establishment and maintenance of germline stem cells in Drosophila melanogaster, Vivian Holt

UO5  9:15-9:30  Radical prostatectomy and androgen deprivation cause a negative cumulative impact on neuron survival in the major pelvic ganglia, Jennifer McMains

UO6  9:30-9:45  Studying the Effects of Aerobic Physical Activity on the Cognitive Performance of a Type 2 Diabetic Population, Jeffrey Fellows

9:45-10:00  BREAK

UO7  10:00-10:15  Control of vascular growth by protease-activated receptors, Michael Bullock

UO8  10:15-10:30  Linking Tev to Maltose-Binding Protein to Promote Gene Expression, Jessica Norris

UO9  10:30-10:45  Molecular Evolution of Genes Associated with Preeclampsia: Gene Conflict, Ana Terman

UO10  10:45-11:00  Purifying Antarease from E. coli, Victoria Hudson

UO11  11:00-11:15  Unraveling the Mechanism of Action of the Immunoregulatory Poxvirus A35 Gene, Rishita Yeduri

UO12  11:15-11:30  Optimization of an optogenetic switch for “one-click” light-mediated initiation of apoptosis, Walton Godwin

11:30-1:45  BREAK

Great Room 1 | Humanities  1:45 PM - 3:30 PM

UO13  1:45-2:00  “I sing of words and the man”: Thwarting Obsolescence in Digital Humanities Software Through Test-Focused Design, James Phillips

UO14  2:00-2:15  Critiquing New Iterations of Hegemonic Vision in Cuban Cultural Tourism, Glenesha Berryman

UO15  2:15-2:30  A comparison of Aristotle's guidelines for Tragedy in ancient literature to modern day video games, Madison Jones

*Co-Presenter
Undergraduate Oral Presentations

Great Room 2 | Engineering/Technology

UO16 2:30-2:45  Wilmington Coup 1898 Literary Tour, Justin Martin
UO17 2:45-3:00  An Analysis of Existentialism and the Ontological Possibility of Authentic Love, Katherine Chandler
UO18 3:00-3:15  From the Temple of God to the Temple of the Proletariat: Iconography and the Soviet Aesthetic, Brian Thaxton
UO19 3:15-3:30  “Reading” Fashion in A. Pushkin’s Eugene Onegin: ‘Word’ as ‘Image’ in 1820s Imperial Russia, Elizabeth Lafave

Great Room 2 | Social Sciences

UO30 12:00-12:15  Changing the Mindset of Students on Academic Warning: A Comparison of Face-to-Face and Online Mentoring, Julie Smith
UO31 12:15-12:30  The Emotional Effect of Musical Underscoring in the Play columbinus, Jessica Rogers
UO32 12:30-12:45  Social Stress and the Health of Women in the Andean Highlands: An Explorative Study, Nadiya Yerich
The Effect of Art Therapy On the Mental Health and Overall Well-Being of Medical Students in Eastern North Carolina, Kayla Daughtry

The Effect of NFL protests for TV Viewership, Austin Phillips

The Effects of Fine Arts on Language and Literacy Skills in Children, Lauren Culver

BREAK

Breast Cancer Survivors (BCS) experience and management of musculoskeletal symptoms when receiving aromatase inhibitor therapy, Sarah Furnari

The Impact of British Fire Control Doctrine on the Loss of the Battlecruisers at the Battle of Jutland, Briceno Bowrey

Examining the Outcomes of a Community Academic Partnership, Kelly Forbis

Whats Cooking in the Beersheba Valley? Teresa Yarbrough

Examination of Disclosure After Adverse Childbirth, Burklee Bradley

Observational Play Assessment in Recreational Therapy (OPART): Applications for the Validation of Assessment in Recreational Therapy, Nicole Fox

Great Room 3 | Human Health

The Rural Prosperity Initiative: Public Health Disparities between Rural and Urban North Carolina, Erica Mullis

Scleroderma Defiance: A Practical, Educational and Free Guide for Self-Management of Scleroderma, Magen Flanagan

Head Start Teachers’ Experiences with Healthy Eating and Physical Activity, Jocelyn Bayles

“Eugenics in (and against) the Mix: Tracing Race as a Marker of Extralegal Governmentality in the Historical and Contemporary United States”, Treshawn Blackmon

Making the Invisibles Visible: A Health Literacy Campaign for Eastern North Carolina Migrant Farmworkers, Tulsi Patel

BREAK

Public Health Discourse as Healing Dialogue: Responding to Obeah as an Etiology of Suicide in Contemporary Guyana, William Swain

*Co-Presenter
Undergraduate Oral Presentations

**Great Room 3 | Human Health**

**1:45 PM - 3:15 PM**

**UO58 1:45-2:00** Thermal stress in artificial cavity-nesting Eastern Bluebirds: killing them with kindness?
William Zahran

**UO59 2:00-2:15** Lithological and Foraminiferal Characteristics of Shoreface and Shallow Shelf Facies off Bogue Banks, North Carolina, Lillian Howie

**UO60 2:15-2:30** Can an invasive species help save a threatened population of King Rails? Weston Beamon

**UO61 2:30-2:45** Fibrinolysis and the Affects of Cross-Linking Within a Network, Andrew Fuquay

**UO62 2:45-3:00** Developing procedures for OSL dating of halite deposits, Nicholas Kowalski

**UO63 3:00-3:15** Graviton Theory: Using Quantum and Classical Mechanics to Describe the Nature and Mechanics of Graviton Particles, Noah MacKay

*B-Co-Presenter*
Undergraduate Poster Presentations

Social Room | Technology and Computer Sciences 8:15 AM - 10:15 AM

UP1  Design of a Graphic User Interface for InfoSec Learning Network Environment, Wesley Hotalen
UP2  Improvements in Process Monitoring for Defect Reduction, Cory Cavallero
UP3  Water Reclamation system for Hyster-Yale manufacturing plant, Andrew Mckeithan
UP4  Dissecting Convolutional Neural Networks for Automatically Classifying Biomedical Images, Justin Whitaker
UP5  Increasing Slot Time Availability in Product Thaw, Chancery Smitherman
UP6  Interior Design: Technological Marketing Strategies for the Profession, Rebecca Culvahouse
UP7  The accurate computational evaluation of ionization potentials in the geometric isomers of phenylenediamine, Hanna Kosnik

Social Room | Biomedical Sciences 8:15 AM - 10:15 AM

UP8  SR-BI Expression protective against IL-17-dependent neutrophilic asthma, Andrea Gilliard
UP9  EphrinA1-Fc Attenuates the Progression of Ischemic Cardiomyopathy in Chronically Non-reperfused WT mice but not EphA2-R-M, K'Shylah Whitehurst
UP10  The role of the viral protein HBZ in formation of Human T-cell Leukemia Virus Type 1 Biofilms, Georgina Boateng
UP11  Therapeutic effects of Y-27632 in chemotherapy-induced peripheral neuropathy from cisplatin, Zachary Elliott
UP12  Using Elastograhy to Examine Material Properties of the Interosseous Membrane, Ashley Kubit
UP13  A Computational Analysis of the Hydroacylation of Aldimines in the Presence of a Wilkinson's Catalyst, Alison Moller
UP14  Objective Quantification and Diagnosis of Edema through Air Edema RepOrting (AERO), Keith Williams
UP15  The Effects of ZCL278 on Cerebellar Cell Number in a Mouse Model of Alzheimer's Disease, Mary Wolfe

*Co-Presenter
# Undergraduate Poster Presentations

## 10:15 AM - 12:15 PM

| UP16 | High Fat Diet-Induced Insulin Resistance Negatively Impacts Cardiac Structure and Function in Mice, Brinda Sarathy |
| UP17 | Claudin-7 Plays a Critical Role in Maintaining the Number of Intestinal Stem Cells, Stephiya Sabu |
| UP18 | Functional Outcomes of Different Semitendinosus Tendon Insertion Sites, Michaela Dunlap |
| UP19 | Cloning, Expression, and Characterization of a Biocatalyst in P. Pastoris and E. coli, Nathaneal Green |
| UP20 | Examining Factors Associated with Physical Activity During Cardiac Rehabilitation, Meagan Grogan |
| UP21 | Investigating the role of Tnpo-SR and its cargo in germline stem cell function, Virginia Vasquez-Rios |
| UP22 | How fibrin fiber transection during fibrinolysis affects the rate of further degradation, Sean Cone |
| UP23 | Claudin-7 is Required for the Epithelial differentiation of Mouse Intestinal Organoids, Lesley Benderman |

## 12:15 PM - 2:15 PM

| UP24 | Reducing EDC Induced Birth Defects with Prenatal Supplementation, Ariel Fricke |
| UP25 | Expression of a Protein Kinase A-Streptavidin Fusion Protein, William Taylor |
| UP26 | 3D Visualization of Biomedical Systems, Christopher Rhodes |
| UP27 | Cortical Brain Organoids Model the Development of Autism Pathology, Pranaya Pakala |
| UP28 | Alterations in respiration kinetics of skeletal muscle mitochondria from offspring of mothers with polycystic ovarian syndrome (PCOS), Ananya Koripella |
| UP29 | Recombinant FtrA binds Cu2+, Yasmene Odeh |
| UP30 | Estrogen receptor alpha does not influence skeletal muscle fiber type, but has nominal effects on muscle size in female mice, Serena Mooney |

*Co-Presenter*
Undergraduate Poster Presentations

UP31  Dopamine Receptor D3 Participates in Age-dependent Left-Ventricular Hypertrophy and Fibrosis and This Effect is Sex-Specific, Hamilton Stoffel

UP32  Changes in Cardiac Function and Mitochondrial Respiratory Capacity in B6 I/R Treated Mice, Omar Sharaf

UP33  Rho GTPase Modulators ZCL278 and ZCL279 Impact Neurobehavioral Outcomes in a Mouse Model of Alzheimer's Disease, Hayleigh Maynard

UP34  Methodology for the extraction, sectioning, and antibody staining of dorsal root ganglia (DRGs) in animal models of RLS, Arden Vessie

UP35  Benzoic Acid: A Food Preservative's Hidden Role in Obesity, Austin Allen

UP36  A Role for Interleukin-6 Trans-Signaling in Cardiac Ischemia/Reperfusion, Troy Dennis

UP37  Synaptic Circuitry in a 3-D Mini-Brain Model of Autism, Adrienne Marie Orbita

UP38  Macrophage Activation by TNF-alpha is Attenuated by EphrinA1-Fc, Eleftherios Vlahos

UP39  Field Measure to Estimate Vertical and Leg Stiffness, Margaret Marshall

Social Room | Human Health  8:15 AM - 10:15 AM

UP40  Understanding HPV-related Content in Schools of Medicine and Osteopathic Medicine Curricula, Mackenzie Stoney

UP41  Under Fire: Understanding the Associations between Stress, Communication, and Relationship Satisfaction in Law Enforcement Officers and their Romantic Partners, Brenna Hicks


UP43  Stroke Survivors’ Dietary Compliance and Recommendations- Racial/Ethnic Differences, Sruthi Boddapai

UP44  Morphology of the Orbicularis Oris Muscle in Adults Using MRI, MaryElizabeth Waterman

UP45  Comparison of Slow-Releasing vs. High Glycemic Carbohydrate Supplementation to Improve Mental Performance Following Exhaustive Exercise, Callie Herman

UP46  The Effect of Previous Hamstring Injuries on ACL Injury Risk, Elizabeth Andrews

UP47  Development of a Clinical Tool for the Self-Assessment of Anxiety in Non-Sedated Pediatric Magnetic Resonance Imaging, Payton Nall

*Co-Presenter
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<th>#</th>
<th>Title</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>UP48</td>
<td>The Incidence and Outcomes of Electronic Cigarette use in Pregnant Patients at Brody School of Medicine, Ankitadevi Mishra</td>
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<td>UP49</td>
<td>Comparison of Bacterial Contamination of Organic Versus Conventionally Produced Leafy Vegetables, Maria Christina Hoffman</td>
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<td>UP50</td>
<td>Assessing Content of Food Boxes Provided to Patrons at an Eastern North Carolina Food Pantry: A Nutrient Analysis, Chelsea Thompson</td>
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<td>UP51</td>
<td>Prevention of HPV-related Oral Cancer: A review of dental school curricula, Lillie Malpass</td>
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<td>UP52</td>
<td>Influence of dialect and stimulus audibility on LiSN-S performances, Julia Skinner</td>
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<td>UP53</td>
<td>Examining the Relationship Between Reading Comprehension Level and Keyboarding Ability, Mackenzie Thorley</td>
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<td>UP54</td>
<td>Effects of Family Influence on the Patient Planning to Undergo Bariatric Surgery, Kelsey Sloan</td>
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<td>UP55</td>
<td>Fashion Trends and Communications--The Royal Family, Casey Tripodi</td>
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<td>UP56</td>
<td>Acceptability of Activity Monitor Use During and After Hospitalization in Older Patients with Heart Failure, Rosa Roberson</td>
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<td>UP57</td>
<td>The Effect of Speech Bulb Usage During Speech Therapy to Improve Velopharyngeal Function: A Systematic Review, Ashley Ayscue</td>
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<td>UP58</td>
<td>Exploring the Use of Integrative Therapies During Pregnancy, Taylor Nelson</td>
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<td>UP59</td>
<td>The Use of Adipose Tissue in Reconstructive Surgery Related to Cleft Palate: A Review of the Literature, Lindsey Bates</td>
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<tr>
<td>UP60</td>
<td>Progressive loads in the tibia during exercise related activity, Breanna Hall</td>
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<td>UP61</td>
<td>Risks and Prevention of Bacterial Contamination on Cosmetics, Janet Leon</td>
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<td>UP62</td>
<td>Environmental Hospital Sampling, TaNidra Chester</td>
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<td>UP63</td>
<td>Assessing medical providers HPV–related health literacy, Chelsea Thompson</td>
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<td>UP64</td>
<td>Early Peanut Introduction for High-Risk Infants: A Narrative Review, Sarah Burkholder</td>
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<tr>
<td>UP65</td>
<td>The Effectiveness of Battlefield Acupuncture in Reducing Pain, Allison Beachum</td>
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Undergraduate Poster Presentations

Social Room | Education 12:15 PM - 2:15 PM

UP66 Argument Driven Inquiry: A Chemistry Laboratory Implementation, Meghan Lower
UP67 Do Head Start Parents Encourage Young Children to Practice Healthy Behaviors? Examination of Self-Report Parenting Practices related to Diet and Physical Activity, Dara Forrest
UP68 Insects and Persistent Misconceptions, Emma Rae Wester
UP69 Acquisition of Financial Education Among College Students: How Attitudes and Future Expectations Shape Desire for Personal Finance Education, Haley Smith
UP70 Using Universal Design for Learning Principles to Renovate Cellular Physiology Course Curriculum, Christopher Consolo

MSC 221 | Engineering 8:15 AM - 10:15 AM

UP71 Using an affordable cellphone attachable microscope in identifying molds, Rouzbeth Beig Heidari
UP72 Embedded computer system integrated within autonomous vehicle, Benjamin Lawrence
UP73 Improving Public Safety by Measuring Bacteria Levels in Real Time, Morgan Randolph
UP74 Mod Tech Utilization, Wesley Foy
UP75 Simple Quality Control Test for 3D Printed Materials, Angel Chukwu
UP76 Evaluating Psychosomatic Response of Education Students Conducting Virtual Classroom Sessions, Justin Honda
UP77 The Best Foot Forward: How Design Representation Affects Consumer Judgment, Tanner Guin
UP78 Best Practices for Printing a PCB using a Squink, Martin Simmons
UP79 SIPOC Diagrams to Improve Tray Flow Process, Keith Gaier
UP80 Pressure Evaluation of Tracheal Suction Catheters to Reduce Damage to Respiratory Airways, Marcus Moody
UP81 Lean Six Sigma Improvements at Spirit AeroSystems, Colby Wallmow
UP82 Improving Clinical Diagnostic Methods for Group 1 Pulmonary Hypertension with ECHO and MRI-Derived Parameters, Daniel Pearce

*Co-Presenter
### Undergraduate Poster Presentations

**MSC 221 | Social Sciences**  
**8:15 AM - 10:15 AM**

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<th>Presentation ID</th>
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<tr>
<td>UP83</td>
<td>Pain in Inpatient Hospice, Deanna Pilkington</td>
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<tr>
<td>UP84</td>
<td>Object Stories Through Visual Prints, Jennifer Bornheimer</td>
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<td>UP85</td>
<td>College Students’ Personal Finance Skills and the Role of External Influences, Kaleigh Launsby</td>
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<td>UP86</td>
<td>Efficiency Analysis of Women’s Collegiate Athletics, Meenal Nandwani</td>
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<td>UP87</td>
<td>Effects of Physical Characteristics on Initial Listing Price, Time On Market, and Ultimate Selling Price, Meredith Jones</td>
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<td>UP88</td>
<td>Disorders Undergraduate Social Sciences Poster Presentation, Carmen Love</td>
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<tr>
<td>UP89</td>
<td>Growth Mindset and Learning Goals as an Intervention for Maladaptive Perfectionism in Mathematic Majors and Minors, Casey Shevlin</td>
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**10:15 AM - 12:15 PM**

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<th>Presentation ID</th>
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<tr>
<td>UP90</td>
<td>The Tense/Lax Ratio of Read Speech of African American English, Abaigeal Styring</td>
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<td>UP91</td>
<td>Adapting to Changing Resources: A Petrographic Analysis of Iron I Pottery from Tel Miqne-Ekron, Kristen Rozier</td>
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<td>UP92</td>
<td>Identifying Subjective Value in Women’s College Golf Recruiting Regardless of Socio-economic Class, Victoria Allred</td>
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<td>UP93</td>
<td>Understanding health literacy in the context of preventative cancer screening among female college students, Cindy Sierra</td>
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<td>UP94</td>
<td>The Impact of Climate Change on Interbasin Transfers in North Carolina, Evan Butler</td>
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<td>UP95</td>
<td>In Lead and Bone: The Battle of Fort Neoheroka, Madeline Midyette</td>
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<td>UP96</td>
<td>Koru: A Mindfulness-Based Program for College Students, William Guiler</td>
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<td>UP97</td>
<td>Dietary Acculturation: a likely factor in the risk of Type 2 Diabetes among the Gullah tribe, Chelcie Kurzontkowski</td>
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<td>UP98</td>
<td>Effects of Observers on Athletic Performance: an Investigation of Male Sexual Displays, Jessica Beringer</td>
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<tr>
<td>UP99</td>
<td>One session of mindfulness meditation and reported anxiety, stress and depression, Victoria Koors</td>
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*Co-Presenter
Undergraduate Poster Presentations

UP100  The Intersections of Oral Language and Spelling: A Literature Review, Autumn Scales
UP101  Effect of Biophilic Design in the Lodging Industry, Brittany Burk
UP102  Mastering Branding Application: The Relationship Between University Branding and MBA Program Enrollment, Allison Flowers
UP103  Examining Health Related Experiences of Adolescents with Sickle Cell Disease, Tiwalade Kogbe
UP104  Public Perception of Tax Avoidance, Rachel Eker

12:15 - 2:15 PM

UP105  Fat Talk and Internalized Weight Bias, Nicole Powell
UP106  An Examination of Infant Feeding Practices of Latina Immigrants, Kaylan Galloway
UP107  Factor models for ordinal data: Comparing categorical and continuous approaches, Victor Hudson
UP108  An Examination of Nursing's Contribution to Global Health, Jacqueline Curtis
UP109  Sex Differences in ICD Patients: Do Cardiac Self-Care and Shock Anxiety Predict the Adoption of Smartphone-ECG Technology? Elisabeth Lee
UP110  Secondary analysis of the effects of mobility on bariatric patients having weight loss surgery, Danielle Williams
UP111  Identifying Disparities in Family Centered Care, Care Coordination, and Financial Strain for Parents of Children with Special Health Care Needs, Brianna Traynor

MSC 221 | Sustainability

UP112  Perceptions and Opinions of Sustainability in North Carolina Wineries, Emma Plyler
UP113  Why Not West Greenville: Stories towards Sustainability, Ani Kerjilian
UP114  Purple to Green: Stormwater, Green Infrastructure, and Retrofitting, Nicholas Musarra
UP115  Visual Design in Modern Structures, Matthew Klettner

*Co-Presenter
Undergraduate Poster Presentations

MSC Gallery | Natural Sciences

8:15 AM - 10:15 AM

UP116 Characterization of tcp38 in Maize, Serena Mitchell
UP117 In Situ Meteorological Observations of Atmospheric Responses to the 2017 Solar Eclipse in Easter North Carolina, Tori Barefoot
UP118 Zooplankton community composition and size structure throughout river herring nursery areas in the Chowan River, North Carolina, Adriana Villasenor
UP119 The Effects of Pharmaceuticals on Mosquitoes Oviposition Site Choice and Predator Detection, Tara Edwards
UP120 Does variation in nest weight predict parental condition in Eastern Bluebirds? Angelica Reed
UP121 Hickory Shad Stock Identification: X-ray Analysis, Tommy Davis
UP122 Ecological Role of Gobiosoma bosc on Biodiversity, Corey Winkler
UP123 Impacts of exposure to Talstar insecticide on measures of Aedes albopictus (Diptera: Culicidae) vector competence for Zika virus, Alexis Parale
UP124 Microbiologically Influenced Corrosion (MIC) of Pappy's Lane Shipwreck, Kyra Price

10:15 AM - 12:15 PM

UP125 Influence of Ethics on Evolution, Mohammad Farah
UP126 Optimizing the Synthesis of Diquinones, Chase Nees
UP127 Blood Steroid and EDC Metabolite concentrations in Exposed Mice Plasma, Lawrence Barnoski
UP128 Bogue Banks, North Carolina shoreface and inner shelf foraminiferal assemblages, Ashley Lynn
UP129 Characterization of a Particle Microbeam by Confocal Imaging of Fluorescent Nuclear Tracks, Alicia Kwon
UP130 Early Ontogeny of Alosa mediocris from Egg to first-feeding Larva, Jon Sherman
UP131 Genes that Determine Nickel Susceptibility in Caenorhabdits Elegans, Cecily Thompson
UP132 Evaluating Wash Performance of Laundry Detergents Using Reflectance, Oluwatosin Ayinde
UP133 Examination of Supercritical CO2-Rock Interactions in Sequestration, Jonelle Romero

*Co-Presenter
Undergraduate Poster Presentations

10:15 AM - 12:15 PM

UP134  Synthesis of Biembelin, Mitesh Patel

UP135  The effects of mowing and fertilization on the clonal growth of switchcane, Jada Williams

UP136  A Climatology Analysis of Monsoonal Impacts on the Ganges-Brahmaputra-Meghna Region, Mohin Patel

UP137  Fibrin Network Alignment Within Different Flow Rates, Miranda Lee

UP138  Androgen and progesterone receptor knockouts in zebrafish affect aggression and social dominance, Julia Brown

UP139  Applying data science to a dense network of precipitation observations in rural Jamaica: 2014-2015, Calie Hemgen

UP140  Influence of Parasites on Predator-Prey Relationships in NC Estuaries, Christopher Brothers

UP141  Larval river herring abundance and morphological characteristics at five sites on the Chowan River, Morgan Dianis

UP142  Hickory Shad Alosa mediocris Pilot Study on Gill Raker Analysis and Natal Stream Fidelity, Keturah Kovolew

UP143  Shaking It Up: Optimizing Mechanical Cell Lysis to Improve DNA Extraction from Iron-Oxidizing Bacteria, Dalia Nashed

UP144  Testing the correlation between mechanical properties measured in fibrin and the repeating amino acid sequence in the $\alpha$C region of fibrinogen, Robert Moller

UP145  Mycorrhizal fungi and horizontal gene transfer: A look into the importance of transferred genes in a symbiosis, Tyler Sink

UP146  Correlation Between Organophosphate Pesticide Accumulation in ENC Porcine Tissues and Type II Diabetes, Caitlin Palmer

UP147  Yeast Antibody-Antigen Bond Engineering Using Centrifuge Force Microscopy, Justin Litofsky

UP148  Simulation of the Formation of a Washover Fan at Pea Island, North Carolina, Madison Heffentrager

*Co-Presenter
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<th>Session</th>
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<tr>
<td>UON1</td>
<td>A Comparison of Elementary Student Curriculum Satisfaction to Performance</td>
<td>Megan Lowry</td>
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<tr>
<td>UON2</td>
<td>The Effects of Sustainable Design Principles on the Engineering Industry</td>
<td>Hayden Sawyer</td>
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<td>UON3</td>
<td>Infographics: The power of visual communication to improve health literacy of cancer patients</td>
<td>Maria Moreira</td>
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<td>UON4</td>
<td>UNC Coastal Studies Institute's Sustainable Design</td>
<td>Caleb Hill</td>
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<td>UON5</td>
<td>Pirate Union</td>
<td>Christopher Bailey</td>
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<td>UON6</td>
<td>Minges Auxiliary Gymnasium: LEED Certified</td>
<td>Jacob Griffin</td>
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<td>UON7</td>
<td>A Novel Teaching Tool for Understanding Mammalian Mitochondrial Bioenergetics and the Electron Transport Chain</td>
<td>Jose Botello</td>
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<td>UON8</td>
<td>Southern Asian Post-Breast Cancer Patient Natural Treatment Plans</td>
<td>Kirtan Amin</td>
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Research Week Daily Schedule

March 26 — April 2

MARCH 26
8:00 am – 5:15 pm | Graduate Student Presentations
  Oral sessions in MSC Great Rooms (GR1, GR2, GR3)
  Postdoctoral Scholar Posters in Social Room
  Graduate Posters in MSC Social Room
  Graduate Posters in MSC Room 221
  Graduate Posters in MSC Room Gallery
12:00 pm – 1:30 pm | Plenary Session

MARCH 27
7:30 pm – 12:00 pm | Graduate Posters | Posters taken down by noon
2:30 pm – 5:00 pm | International Scholars’ Symposium | MSC Room 244

MARCH 28
8:15 am – 3:30 pm | Undergraduate Student Presentations
  Oral Sessions | MSC Great Rooms (GR1, GR2, GR3)
  Undergraduate Posters | MSC Social Room
  Undergraduate Posters | MSC 221
  Undergraduate Posters | MSC Gallery
9:00 am – 11:30am | Intersection of Arts and Sciences | MSC Room 244

MARCH 29
7:30 pm – 12:00 pm | Undergraduate Posters | Posters taken down by noon

APRIL 2
12:00 pm – 1:30 pm | Student Awards Luncheon (Invitation Only) | MSC Great Rooms 1+2+3
  RCAW Awards
  Thesis/Dissertation Awards
  ECU Distinguished Graduate Faculty Mentor Awards
  Carol F. Volkman Awards
Run with new ideas
THANK YOU!

Thank you for your interest in East Carolina University’s RESEARCH & CREATIVE ACHIEVEMENT WEEK 2018

The RCAW Committee would like to thank all of those who participated and attended.

Please do not forget to view our website for the online version of our program.

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