# SHORT ORAL PRESENTATIONS

**9:00AM – 11:10AM**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter/Advisor</th>
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<tr>
<td>9:00AM</td>
<td>Welcome &amp; Overview</td>
<td>Morgan Lancaster, Moderator&lt;br&gt;Doctoral Candidate, Department of Family and Child Sciences</td>
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<td>9:05AM</td>
<td>“Nicotine Upregulates Metalloproteinase Function in Vascular Smooth Muscle Cells Inducing Cell Migration,”</td>
<td>Ann Centner&lt;br&gt;NFES Doctoral Candidate; Major Professor: Dr. Gloria Salazar</td>
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<td>9:15AM</td>
<td>“The Effect of p62 Deletion on Arrhythmia Incidence Due to Ischemia,”</td>
<td>Rida Darji&lt;br&gt;NFES Undergraduate Student; Project Advisor: Dr. Hyun Seok Hwang</td>
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<tr>
<td>9:25AM</td>
<td>“How Successful are U.S. Adults at Altering Nutrient Intakes and Meeting Dietary Guideline Recommendations?,”</td>
<td>Alexandria Kluger&lt;br&gt;NFES Master’s Student; Major Professor: Dr. Claire Berryman</td>
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<td>9:35AM</td>
<td>“Single Alcoholic Binge Reduces Skeletal Muscle Function and Performance,”</td>
<td>Joseph Laudato&lt;br&gt;NFES Doctoral Student; Advisor: Dr. Jennifer Steiner</td>
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<td>9:45AM</td>
<td>“Reducing High Risk Drinking on College Campuses: A Social Norming Approach,”</td>
<td>Kelley M. Martin&lt;br&gt;FCS Undergraduate Student; Project Advisor: Dr. Cynthia B. Wilson</td>
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<td>9:55AM</td>
<td>“The Effects of Short-Term Zinc Feeding on Zinc Absorption and Zinc Transporter Expression in the Small Intestine of Mice,”</td>
<td>Cassandra Olson&lt;br&gt;NFES Master’s Student; Advisor: Dr. Stephen Hennigar</td>
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<td>10:05AM</td>
<td>Intermission</td>
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<td>10:10AM</td>
<td>“Positive Changes to Counteract Unintentional Racism in Counseling/Therapy,”</td>
<td>Daniela Rodriguez Linares&lt;br&gt;FCS Undergraduate Student; Project Advisor: Dr. Kani Diop</td>
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<td>10:20AM</td>
<td>“Assessment of Muscle Mass in Transcatheter Aortic Valve Replacement Patients Over ~6 Months Post-Procedure,”</td>
<td>Christopher Schattinger&lt;br&gt;NFES Doctoral Candidate; Major Professor: Dr. Lynn Panton</td>
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<td>10:30AM</td>
<td>“Characterization of Monoclonal Antibodies Specific to Soybean Lectin,”</td>
<td>Chunya Tang&lt;br&gt;NFES Master’s Student; Major Professor: Dr. Qinchun Rao</td>
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<td>10:40AM</td>
<td>“Optimization of Glycoprotein Staining and Stain-Free Gel Preparation,”</td>
<td>Megan Appelbaum&lt;br&gt;NFES Undergraduate Student; Project Advisor: Dr. Qinchun Rao</td>
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2020 CHS RESEARCH SHOWCASE

10:50AM Yaqi Zhao  
“Characterization of Monoclonal Antibodies Specific to Shrimp Tropomyosin,” NFES Master’s Student; Major Professor: Dr. Qinchun Rao

11:00AM Taylor Behl  
“Stress Effects on University Police Health and Sleep,” NFES Doctoral Candidate; Major Professor: Dr. Lynn Panton

LONG ORAL PRESENTATIONS  
12:25PM – 4:00PM

12:25PM Welcome & Overview  
Taylor Behl, Moderator  
Doctoral Candidate, Department of Nutrition, Food and Exercise Sciences

12:30PM Paul Baker  
“Acylcarnitine Levels Following an Extended Severe Energy Deficit in Tactical Military Personnel,” NFES Doctoral Student; Major Professor: Dr. Claire Berryman

12:50PM David Barney  
“Plasma Hepcidin Increases with Exercise in Male, but not Female, Endurance-Trained Athletes with Low Iron Stores,” NFES Doctoral Student; Major Professor: Dr. Stephen Hennigar

1:10PM Michael Dawson  
“Energy Restriction Increases de novo Lipogenesis in Visceral Adipose Tissue and Decreases Triglyceride Turnover in Subcutaneous and Visceral Adipose Tissue in Obese Zucker Rats,” NFES Doctoral Student; Major Professor: Dr. Claire Berryman

1:30PM Peipei Hong  
“Health Implications of Work-Family Balance among Qatari Working Adults,” NFES Doctoral Candidate; Major Professor: Dr. Ming Cui

1:50PM James Ippolito  
“Oral Iron Supplementation Increases Severity of Salmonella enterica serovar Typhimurium Infection,” NFES Master’s Student; Major Professor: Dr. Stephen Hennigar

2:10PM Intermission

2:20PM Xingyi Jiang  
“Immunoassay Development for Meat Adulterants in Foods,” NFES Doctoral Candidate; Major Professor: Dr. Qinchun Rao

2:40PM Jessie Shafer  
“Anxious Solitude Trajectories in Elementary School Predict Symptoms of Media Addiction in Emerging Adulthood,” FCS Doctoral Student; Major Professor: Dr. Heidi Gazelle

3:00PM Abigail Tice  
“Drinking ‘Off’ the Clock: Effects of Binge Alcohol on Skeletal Muscle Core Clock,” NFES Doctoral Student; Major Professor: Jennifer Steiner
3:20PM  Jacob Williams  “Anxious Solitude Trajectories in Elementary School Predict Interpersonal Relationship Anxiety in Emerging Adulthood,” FCS Doctoral Student; Major Professor: Dr. Heidi Gazelle

3:40PM  Abigail Cullen  “Regulation of the Vascular Smooth Muscle Cell Phenotype by Adiponectin,” NFES Doctoral Candidate; Major Professor: Dr. Gloria Salazar

The graduate student winners in each category will be honored at the college’s Honors and Awards Ceremony in the fall.

We thank our judges for their time and expertise.

Short Oral Presentations
Dr. Qiong “Joanna” Wu, Family and Child Sciences
Dr. Claire Berryman, Nutrition, Food and Exercise Sciences
Dr. Jennifer Steiner, Nutrition, Food and Exercise Sciences

Long Oral Presentations
Dr. Michele Parker, Family and Child Sciences
Dr. Melinda Gonzales Backen, Family and Child Sciences
Dr. Justin LaFavor, Nutrition, Food and Exercise Sciences