Scholarly Forum

Day 2

March 20, 2018

Oral and Poster Presentation Program
Day 2  
Tuesday, March 20th  
Oral sessions: 9:00 - 10:15 am  
SASC 100  
Session Chair: Elnaz Pour Isa

* 10 minutes for each oral presentation and 5 minutes for question and answer

<table>
<thead>
<tr>
<th>Time</th>
<th>Field</th>
<th>Presenter’s name</th>
<th>Title of the presentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 - 9:15</td>
<td>Biology (marine sciences)</td>
<td>Camila Caceres</td>
<td>Coral reef fish community structure in the French Scattered Islands (Mozambique Channel)</td>
</tr>
<tr>
<td>9:15 - 9:30</td>
<td>Chemistry and Biochemistry</td>
<td>Daniel Roncancio</td>
<td>Engineering an Adenosine specific aptamer and electrochemical detection in whole serum</td>
</tr>
<tr>
<td>9:30 - 9:45</td>
<td>Psychology</td>
<td>Jessica F. Saunders</td>
<td>Social Comparison In Eating Disorder Recovery: Using PhotoVoice To Capture The Sociocultural Influences On Womenâ€™s Recovery</td>
</tr>
<tr>
<td>9:45 - 10:00</td>
<td>College of Business</td>
<td>Mohammad Rahman</td>
<td>Short sellers and managerial equity market timing</td>
</tr>
<tr>
<td>10:00 - 10:15</td>
<td>Biomedical Engineering</td>
<td>Amirala Bakhshiannik</td>
<td>Substrate stiffness modulates ALP activity in extracellular vesicles secreted by human coronary artery smooth muscle cells</td>
</tr>
</tbody>
</table>
**Day 2**  
**Tuesday, March 20th**  
**Oral sessions: 9:00 - 10:30 am**  
**SASC 302**  
Session Chair: Farshad Haddadi

* 10 minutes for each oral presentation and 5 minutes for question and answer

<table>
<thead>
<tr>
<th>Time</th>
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<th>Presenter’s name</th>
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<tbody>
<tr>
<td>9:00 - 9:15</td>
<td>Chemistry and Biochemistry</td>
<td>Haixiang Yu</td>
<td>In Vitro Isolation of Small-Molecule-Binding Aptamers with Intrinsic Dye-Displacement Functionality</td>
</tr>
<tr>
<td>9:15 - 9:30</td>
<td>Mathematics Department</td>
<td>Kadisha Mills</td>
<td>I See Me When I See You: Using Peer-Response as a Reflection Tool to Improve Mathematical Content Knowledge</td>
</tr>
<tr>
<td>9:30 - 9:45</td>
<td>Physics</td>
<td>Nisha Bhattarai</td>
<td>Conformational changes in Marburg virus VP40 upon plasma membrane association</td>
</tr>
<tr>
<td>9:45 - 10:00</td>
<td>Psychology</td>
<td>Ali Pournaghdali</td>
<td>Conservative Criterion Explains The Non-Conscious Perception of Facial Expression Under Continuous Flash Suppression</td>
</tr>
<tr>
<td>10:00 - 10:15</td>
<td>Civil and Environmental</td>
<td>Seyedmirsajad Mokhtarimousavi</td>
<td>An Elitist Metaheuristic Approach for Optimization of Multi-Objective Airport Gate Assignment Problem</td>
</tr>
<tr>
<td>10:15 - 10:30</td>
<td>Computer Science</td>
<td>Solale Tabarestani</td>
<td>Addressing the challenges of incomplete multi-modal datasets for Alzheimer diagnosis</td>
</tr>
<tr>
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<td>Presenter’s name</td>
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<tr>
<td>9:00 - 9:15</td>
<td>Electrical and Computer Engineering</td>
<td>Hassan H. Eldeeb</td>
<td>Control and Voltage Stability of a Medium Voltage DC Ship Hosting Pulsed load</td>
</tr>
<tr>
<td>9:15 - 9:30</td>
<td>ISBA</td>
<td>Mahed Maddah</td>
<td>The Impact of Data Structure on Information Quality of User-Generated Content:</td>
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<td>Considering Type of Data in Designing Information Systems</td>
</tr>
<tr>
<td>9:30 - 9:45</td>
<td>Social Work</td>
<td>Michelle G. Thompson</td>
<td>Suicide Interventions for Sexual Minority Youth: A Systematic Review</td>
</tr>
<tr>
<td>9:45 - 10:00</td>
<td>School of Computing and Info Science</td>
<td>Shekoofeh Mokhtari</td>
<td>Hierarchical Neural Address Parser</td>
</tr>
<tr>
<td>10:00 - 10:15</td>
<td>Dietetics and Nutrition</td>
<td>Justina Owusu</td>
<td>Nutritional Status and Academic Performance of School-age children enrolled in two feeding programmes in Ghana</td>
</tr>
<tr>
<td>10:15 - 10:30</td>
<td>Economics</td>
<td>Md Tanvir Pavel</td>
<td>Internal Migration To Cope With Natural Hazards:</td>
</tr>
<tr>
<td>10:30 - 10:45</td>
<td>Health Promotion and Disease Prevention</td>
<td>Chintan Bhatt</td>
<td>Medical Cannabis Legislation and Reported Illicit Prescription Drug Use in US High School Students</td>
</tr>
</tbody>
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Day 2  
Tuesday, March 20th  
Oral sessions: 10:30 am - 12:15 pm  
SASC 100  
Session chair: Justina Owusu

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<thead>
<tr>
<th>Time</th>
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<th>Presenter’s name</th>
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<tbody>
<tr>
<td>10:30 - 10:45</td>
<td>Biomedical Engineering</td>
<td>Maedeh Mozneb</td>
<td>Real Time Viability Evaluation and Monitoring of Rat Cardiomyocyte's Contractability Using Surface Plasmon Resonance</td>
</tr>
<tr>
<td>10:45 - 11:00</td>
<td>Civil Engineering</td>
<td>Krishna Sai Vutukuru</td>
<td>Downbursts- Their importance and possible Simulations in Wall of Wind Experimental Facility</td>
</tr>
<tr>
<td>11:00 - 11:15</td>
<td>Economics</td>
<td>Amin Shoja</td>
<td>Catastrophic Healthcare Expenditure and Health Reform</td>
</tr>
<tr>
<td>11:15 - 11:30</td>
<td>Psychology</td>
<td>Yanet Ruvalcaba</td>
<td>Nonconsensual porn (aka &quot;revenge porn&quot;) among U.S. adults: An examination of perpetration, victimization, and health correlates of victimization</td>
</tr>
<tr>
<td>11:30 - 11:45</td>
<td>Leadership and Professional Studies</td>
<td>Arthur Scavella</td>
<td>The Relationship between District Concert Band Music Performance Assessment Participation and Student Achievement in Miami-Dade County Public Middle Schools</td>
</tr>
<tr>
<td>11:45 - 12:00</td>
<td>Politics and I.R.</td>
<td>Alejandro Abad Alvarez-Querol</td>
<td>Humanitarian intervention: a custom of international law?</td>
</tr>
<tr>
<td>12:00 - 12:15</td>
<td>Electrical Engineering</td>
<td>Virgil Acuna</td>
<td>UAV Procedures to Extend Flight Time for Search and Rescue Operations Using WiFi Probe Requests</td>
</tr>
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## Day 2

**Tuesday, March 20th**  
**Poster session: 12:30 - 1:45 pm**  
**SASC 100**

* 7 minutes for each poster presentation and 5 minutes for question and answer

<table>
<thead>
<tr>
<th>Poster Number</th>
<th>Field</th>
<th>Presenter’s name</th>
<th>Title of the presentation</th>
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</thead>
<tbody>
<tr>
<td>Group A - # 1</td>
<td>Biomedical Engineering</td>
<td>Elnaz Pour Issa</td>
<td>Bioscaffold Mitral Valve Hydrodynamic Evaluation in Child versus Adult Hemodynamic Settings</td>
</tr>
<tr>
<td>Group A - # 2</td>
<td>Music</td>
<td>Bryan Aguilar</td>
<td>Citizen Art and Science: Using Environmental Data to Inspire Musicianship and Stewardship</td>
</tr>
<tr>
<td>Group A - # 3</td>
<td>Teaching and Learning</td>
<td>Renata Pavanelli</td>
<td>Understanding L2 Learnersâ€™ Attitudes and Needs in Academic Writing in EAP Context</td>
</tr>
<tr>
<td>Group A - # 4</td>
<td>Chemistry and Biochemistry</td>
<td>Ahmed Seddek</td>
<td>Bacterial Topoisomerase IA as a Potential Target for Antibiotic Discovery</td>
</tr>
<tr>
<td>Group B - # 1</td>
<td>Earth and Environment</td>
<td>Shagufta Gaffar</td>
<td>Managing South Florida Invasive Plants through Biochar Production</td>
</tr>
<tr>
<td>Group B - # 2</td>
<td>Environmental Health Sciences</td>
<td>Christian Perez</td>
<td>Molecular Determinants of Brain Vascular Disorders from Exposure to Polychlorinated Biphenyls</td>
</tr>
<tr>
<td>Group B - # 3</td>
<td>Human and Molecular Genetics</td>
<td>Jake Levine</td>
<td>A survey of opinions for teaching biochemistry and nutrition in undergraduate medical education</td>
</tr>
<tr>
<td>Group B - # 4</td>
<td>Electrical and Computer Engineering</td>
<td>Mohammad Mahmoudian Esfahani</td>
<td>A Multiagent-based Game-Theoretic and Optimization Approach for Market Operation of Multi-Microgrid Systems</td>
</tr>
<tr>
<td>Group B - # 5</td>
<td>Civil and Environmental Engineering</td>
<td>Armana Sabiha Huq</td>
<td>Identification of Possible Influential Factors to the Bicycle Crashes in Florida</td>
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Day 2  
Tuesday, March 20th  
Oral sessions: 2:00 - 3:30 pm  
SASC 100  
Session Chair: Lucia Baez

* 10 minutes for each oral presentation and 5 minutes for question and answer

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<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>2:00 - 2:15</td>
<td>Mechanical and Materials Engineering</td>
<td>Iman Khakpour</td>
<td>Development of the oxidation- and hot-corrosion-resistant coatings for turbine blades</td>
</tr>
<tr>
<td>2:15 - 2:30</td>
<td>Health Promotion and Disease Prevention</td>
<td>Etinosa Oghogho</td>
<td>Late and No Entry into Prenatal Care in Florida: Analysis of March of Dimes Data, 2012-2014</td>
</tr>
<tr>
<td>2:30 - 2:45</td>
<td>School of Computing and Information Sciences</td>
<td>Samira Pouyanfar</td>
<td>Watch, Listen, Read, and Learn: Deep Multimodal Representation Learning for Video Analytics</td>
</tr>
<tr>
<td>2:45 - 3:00</td>
<td>Hospitality Management</td>
<td>Andrew McKenna</td>
<td>Examining millennials’ online gambling behavior: a comparison of generational differences</td>
</tr>
<tr>
<td>3:00 - 3:15</td>
<td>Economics</td>
<td>Nazmul Islam</td>
<td>The Indebted Hand-to-Mouth</td>
</tr>
<tr>
<td>3:15 - 3:30</td>
<td>Biomedical Engineering</td>
<td>Arash Dadkhah</td>
<td>A Multimodal Imaging Platform with Integrated Simultaneous Photoacoustic Microscopy, Optical Coherence Tomography, Optical Doppler tomography and Fluorescence Microscopy</td>
</tr>
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Day 2  
Tuesday, March 20th  
Poster session: 3:45 - 4:45 pm  
SASC 100

* 7 minutes for each poster presentation and 5 minutes for question and answer

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<thead>
<tr>
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<tbody>
<tr>
<td>Group A - # 1</td>
<td>Teaching and Learning</td>
<td>Daniel Wynne</td>
<td>Analysis of school related arrests: Toward a better understanding of results by county and school</td>
</tr>
<tr>
<td>Group A - # 2</td>
<td>Biomedical Engineering</td>
<td>Andres Pena</td>
<td>Effect of vibrotactile feedback and grasp interface compliance on grasp force and hand opening control of a sensorized myoelectric prosthetic hand</td>
</tr>
<tr>
<td>Group A - # 3</td>
<td>Public Administration</td>
<td>Pallavi Awasthi</td>
<td>Leaderâ€™s Vision Implementation: An Agenda for Non-Profit Sustainability and Inner-City Development</td>
</tr>
<tr>
<td>Group A - # 4</td>
<td>Biomedical Engineering</td>
<td>Teshawn Francis</td>
<td>Optochemical Carbon Dioxide Sensor for Respiratory Feedback</td>
</tr>
<tr>
<td>Group A - # 5</td>
<td>Biomedical engineering</td>
<td>Lakshmini Balachandar</td>
<td>Optogenetics to target neuroinflammation in lesion-based epilepsy</td>
</tr>
<tr>
<td>Group B - # 1</td>
<td>Religious Studies</td>
<td>Emmanuel Dennis</td>
<td>The Lure of the ISIS Message</td>
</tr>
<tr>
<td>Group B - # 2</td>
<td>Chemistry</td>
<td>Stephanie A. Delabat</td>
<td>Development and Validation of a Novel Phage Display Library for Detection of Human Hemoglobin</td>
</tr>
<tr>
<td>Group B - # 3</td>
<td>Electrical and Computer Engineering</td>
<td>Ahmed Jalal</td>
<td>A multivariate calibration model for precise detection of alcohol in fuel cell sensor</td>
</tr>
<tr>
<td>Group B - # 4</td>
<td>Electrical and Computer Engineering</td>
<td>Fahmida Alam</td>
<td>Zinc Oxide Nanoflakes based Flexible Platform for Lactate Monitoring</td>
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Day 2  
Tuesday, March 20th  
Oral sessions: 3:30 - 4:45 pm  
SASC 202  
Session Chair: Armana Huq

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<thead>
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<tr>
<td>3:30 - 3:45</td>
<td>Health Promotion and Disease Prevention</td>
<td>Rumi Agarwal</td>
<td>Perceptions of College Students on the Non-Verbal Communication of their Health Care Provider on Quality of Care</td>
</tr>
<tr>
<td>3:45 - 4:00</td>
<td>Economics</td>
<td>Faisal Awwal</td>
<td>National Financial Literacy Initiatives and Financial Inclusion: Evidence from Zambia and Malawi</td>
</tr>
<tr>
<td>4:00 - 4:15</td>
<td>Chemistry and Biochemistry</td>
<td>Samiol Azam</td>
<td>Cd2+ Binds to DREAM and Alters Interactions between DREAM and Intracellular Partners.</td>
</tr>
<tr>
<td>4:15 - 4:30</td>
<td>Dietetics and Nutrition</td>
<td>Sahar Ajabshir</td>
<td>The effect of vitamin d3 supplementation on biomarkers of oxidative stress and glycemic status in adults with type 2 diabetes.</td>
</tr>
<tr>
<td>4:30 - 4:45</td>
<td>Biomedical Engineering</td>
<td>Jared Leichner</td>
<td>Network Architecture &amp; Connectivity Analysis of Cortical Brain Tissue through Simultaneous Immunofluorescent Staining of Neurons, Astrocytes, Vasculature and Nuclei</td>
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</tbody>
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Day 2
Tuesday, March 20th
Oral sessions: 3:30 - 4:45 pm
SASC 352
Session Chair: Mizanur Rahman

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<thead>
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<tbody>
<tr>
<td>3:30 - 3:45</td>
<td>Chemistry and Biochemistry</td>
<td>Alan McKenzie</td>
<td>Implementing high performance liquid chromatography-trapped ion mobility-mass spectrometry (HPLC-TIMS-MS) for the analysis of juvenile hormone III</td>
</tr>
<tr>
<td>3:45 - 4:00</td>
<td>Electrical and Computer Engineering</td>
<td>Hoda Rajaei</td>
<td>Connectivity Dynamics of Interictal Epileptiform Activity</td>
</tr>
<tr>
<td>4:00 - 4:15</td>
<td>Psychology</td>
<td>Ranjita Poudel</td>
<td>Common and distinct brain networks associated with risky and ambiguous decision-making.</td>
</tr>
<tr>
<td>4:15 - 4:30</td>
<td>Immunology</td>
<td>Rajib Kumar Dutta</td>
<td>HIV Tat protein and TGF-β suppresses CFTR biogenesis and activity by microRNA mediated gene silencing</td>
</tr>
<tr>
<td>4:30 - 4:45</td>
<td>Biomedical Engineering</td>
<td>Arezoo Gerami-Pour</td>
<td>Degradation of Reflex Pathways in Rats Aged Related Neuropathy</td>
</tr>
</tbody>
</table>