

| Last Name            | First Name      | Role              | Title   | Date       | Location                  | Time            |
|----------------------|-----------------|-------------------|---|------------|---------------------------|-----------------|
| Ajavi, PhD           | Tolulope        | Poster Author     | Application of Dual-Labeled Nanoparticle System to Evaluate Nanoparticle Fate in Healthy and Osteoarthritic Joints  | 10/12/2023 | Exhibit Hall Row B #48    | 2:00 - 3:00 PM  |
| Aplin                | Abigail         | Poster Author     | Effect of Repetitive Mild Traumatic Brain Injury on Short-Term Biomarkers and Brain Pathology   | 10/12/2023 | Exhibit Hall Row I #337   | 9:30 - 10:30 AM |
| Bandyopadhyay        | Sabyasachi      | Poster Author     | Predicting Delirium Using Ambient Light and Noise Information in Intensive Care Units   | 10/12/2023 | Exhibit Hall Row G #252   | 9:30 - 10:30 AM |
| Barton               | Quincy          | Poster Author     | Establishing Methodology for Probing Mechanisms of Nanoparticle Uptake in Natural Killer Cells  | 10/12/2023 | Exhibit Hall Row A #12    | 2:00 - 3:00 PM  |
| Buck                 | Ta-Tyonna       | Poster Author     | The Association of APOE $\epsilon 4$ with Cognitive Function Following Traumatic Brain Injury   | 10/12/2023 | Exhibit Hall Row J #374   | 9:30 - 10:30 AM |
| Casson               | Camara          | Poster Author     | Developing Novel Geospatial Metrics to Evaluate the Tumor Immune Microenvironment   | 10/12/2023 | Exhibit Hall Row A #7     | 9:30 - 10:30 AM |
| Celeste              | Cameron         | Presenting Author | Ethnic Disparity in Diagnosing Asymptomatic Bacterial Vaginosis Using Machine Learning  | 10/12/2023 | 324                       | 1:15 - 1:30 PM  |
| Contreras            | Miguel          | Poster Author     | Severity Scoring for Traumatic Injury: From ED to ICU   | 10/12/2023 | Exhibit Hall Row G #250   | 9:30 - 10:30 AM |
| Cox                  | Joseph          | Poster Author     | Large Brain Models: Large-scale 3D Pretrained Deep Learning Models for Neuroimages  | 10/12/2023 | Exhibit Hall Row G #242   | 9:30 - 10:30 AM |
| Del Pino Herrera     | Adriana         | Poster Author     | Population Dynamics Model of Ovarian Cancer Resistance for Adaptive Therapy Strategies  | 10/12/2023 | Exhibit Hall Row B #55    | 9:30 - 10:30 AM |
| Fang, PhD            | Ruogu           | Session Moderator | Artificial Intelligence (AI) in Biomedical Engineering (BME) Education  | 10/12/2023 | 434 (Center, Level 4)     | 8:00 - 9:30 AM  |
| Hill                 | Eric            | Presenting Author | An N-glycosylation Modifiable Self-Assembling Polypeptide Tag for Formation of Protein Hydrogels  | 10/12/2023 | 325                       | 3:00 - 3:15 PM  |
| Leem                 | Seowung         | Poster Author     | Can Deep Convolutional Neural Network Associate Emotions with Gabor Patches?  | 10/12/2023 | Exhibit Hall Row I #343   | 9:30 - 10:30 AM |
| Mancera Azamar       | Karen           | Presenting Author | Meta-Analysis of Global Participation in Biomaterials Publications and Editorial Boards   | 10/12/2023 | 324                       | 1:30 - 1:45 PM  |
| Mancera Azamar       | Karen           | Poster Author     | Profiling Extracellular Matrix Degradation by Enterotoxigenic Bacterioides Fragilis Strains   | 10/12/2023 | Exhibit Hall Row D #150   | 9:30 - 10:30 AM |
| Ming                 | Dion            | Poster Author     | Feature Selection in ML Identifies Unique Bacteria to Consider for Fair BV Diagnosis Among Ethnicities  | 10/12/2023 | Exhibit Hall Row L #468   | 9:30 - 10:30 AM |
| Murfee, PhD          | Walter L.       | Moderator         | Tumor Microenvironment  | 10/12/2023 | 343                       | 8:00 - 9:30 AM  |
| Olivo                | Elizabeth       | Poster Author     | A Measurement Model Approach to Electrochemical Impedance Spectroscopy Analysis Across Variable Ultramicroelectrode Sizes   | 10/12/2023 | Exhibit Hall Row I #348   | 9:30 - 10:30 AM |
| Parker, PhD          | Ivana           | Session Moderator | Bioinformatics: Technologies for Emerging Infectious Diseases   | 10/12/2023 | 346                       | 8:00 - 9:30 AM  |
| Porras, PhD          | Ana Maria       | Presenting Author | Engaging Scientific Diasporas in STEAM Education: The Case of Science Clubs Colombia  | 10/12/2023 | 325                       | 8:00 - 9:30 AM  |
| Porras, PhD          | Ana Maria       | Presenting Author | Making the Invisible Adorable - Using Crocheted Art, Bilingual Strategies, and Social Media to Communicate Science and Promote Diversity                                    | 10/12/2023 | 325                       | 8:00 - 9:30 AM  |
| Porras, PhD          | Ana Maria       | Track Chair       | Diagnostic Tools  | 10/12/2023 | 323                       | 12:30 - 2:00 PM |
| Porras, PhD          | Ana Maria       | Track Chair       | Engineering Models  | 10/12/2023 | 324                       | 3:00 - 4:30 PM  |
| Rashidi, PhD         | Parisa          | Session Moderator | Artificial Intelligence (AI) in Biomedical Engineering (BME) Education  | 10/12/2023 | 434 (Center, Level 4)     | 8:00 - 9:30 AM  |
| Schaefer             | Zoe             | Poster Author     | BCG Infection Modulates the Macrophage Phosphoproteome to Generate Trained Immunity   | 10/12/2023 | Exhibit Hall Row D #145   | 9:30 - 10:30 AM |
| Schmidt, PhD         | Christine       | Speaker           | Artificial Intelligence (AI) in Biomedical Engineering (BME) Education  | 10/12/2023 | 434 (Center, Level 4)     | 8:00 - 9:30 AM  |
| Schmidt, PhD         | Christine       | Speaker           | Plenary Session: Diversity Award Lecture  | 10/12/2023 | Flex BC (Center, Level 2) | 4:30 - 5:10 PM  |
| Sharma, PhD          | Blanka          | Moderator         | Cartilage I   | 10/12/2023 | 337                       | 12:30 - 2:00 PM |
| Stabler, PhD         | Cherie          | Moderator         | Engineering Endocrine Tissue Function   | 10/12/2023 | 436 (Center, Level 4)     | 8:00 - 9:30 AM  |
| Wang                 | Yitian          | Poster Author     | Detailed Skeletal Models Based on Tetrahedral-mesh Geometry for ICRP Reference Adults   | 10/12/2023 | Exhibit Hall Row C #103   | 2:00 - 3:00 PM  |
| Zhang                | Jiaqing         | Poster Author     | Efficient Annotation of Large ICU Patient Mobility Data Using a YOLOv5-based Active Learning Pipeline   | 10/12/2023 | Exhibit Hall Row G #253   | 9:30 - 10:30 AM |
| Agarwal, PhD         | Gopal           | Presenting Author | Decellularized and Crosslinked Porcine Peripheral Nerve Based Hydrogel for Neural Tissue Regeneration   | 10/13/2023 | 334                       | 3:00 - 3:15 PM  |
| Agarwal, PhD         | Gopal           | Poster Author     | Localized Delivery of Indoleamine - 2,3 Dioxygenase (IDO)-Galactin 3 Fused Enzyme Using Decellularized Rat Sciatic Nerve for Axonal Regeneration in Injured Rat Spinal Cord | 10/13/2023 | Exhibit Hall Row A #39    | 9:30 - 10:30 AM |
| Aldrich              | Jessica         | Poster Author     | Manganese Dioxide Nanozymes as a Chronodroprotective Therapy for Osteoarthritis   | 10/13/2023 | Exhibit Hall Row B #43    | 9:30 - 10:30 AM |
| Alzamora             | Eiko            | Poster Author     | Automation of Y-maze Behavioral Analysis of Rodents Using Python  | 10/13/2023 | Exhibit Hall Row J #392   | 9:30 - 10:30 AM |
| Benoit               | Alexis          | Presenting Author | Beyond the Limits of Sight: Measuring Thumb Muscle Fascicle Lengths with Extended Field of View Ultrasound Imaging  | 10/13/2023 | 335                       | 2:00 - 2:15 PM  |
| Broadaway            | Harrison        | Presenting Author | Design and Characterization of Tendon-Mimetic Scaffolds Capable of Withstanding Physiological Cyclic Loading  | 10/13/2023 | 343                       | 2:30 - 2:45 PM  |
| Clark                | Ryan            | Poster Author     | Temperature Modulates the Assembled Structure of Co-Assembling Synthetic Peptides   | 10/13/2023 | Exhibit Hall Row C #91    | 3:30 - 4:30 PM  |
| Dewberry, PhD        | Lauren Savannah | Presenting Author | Evaluating Neural Network Approaches to Kinematic Measures of Rodent Gait Analysis  | 10/13/2023 | 343                       | 5:10 - 5:17 PM  |
| Dewberry, PhD        | Lauren Savannah | Poster Author     | Evaluating Neural Network Approaches to Kinematic Measures of Rodent Gait Analysis  | 10/13/2023 | Exhibit Hall Row L #442   | 3:30 - 4:30 PM  |
| Domayer              | Madisen         | Poster Author     | Co-assembled Peptide-Protein Granules for Intracellular Biotherapeutic Delivery   | 10/13/2023 | Exhibit Hall Row B #63    | 9:30 - 10:30 AM |
| Gunduz, PhD          | Aysegul         | Moderator         | Lightning Talks in Neural Engineering   | 10/13/2023 | 343                       | 4:00 - 5:30 PM  |
| Hudalla, PhD         | Gregory         | Moderator         | Innovations in Immunomodulatory Biomaterials: Enhancing Regeneration, Targeting Diseases, and Reprogramming Immune Responses  | 10/13/2023 | 334                       | 8:00 - 9:30 AM  |
| Hudalla, PhD         | Gregory         | Moderator         | Inflammation and Wound Healing  | 10/13/2023 | 325                       | 2:00 - 3:30 PM  |
| Machado              | Alejandro       | Poster Author     | Minimizing Natural Polymer Bioink Diffusion During Embedded 3D Bioprinting Process for Spinal Cord Tissue Mimics  | 10/13/2023 | Exhibit Hall Row C #83    | 9:30 - 10:30 AM |
| Nichols, PhD         | Jennifer        | Moderator         | Disc, Tendon, Ligament  | 10/13/2023 | 342                       | 4:00 - 5:30 PM  |
| Parrett              | Sarah           | Poster Author     | Impact of Object Size on Magnetic Particle Imaging (MPI) Quantification Accuracy  | 10/13/2023 | Exhibit Hall Row G #249   | 3:30 - 4:30 PM  |
| Pipis                | Nikolaos        | Presenting Author | Engineering a Mechanically Tunable DNA-Collagen Hydrogel System   | 10/13/2023 | 333                       | 4:00 - 4:15 PM  |
| Porras, PhD          | Ana Maria       | Track Chair       | Genetic Tools   | 10/13/2023 | 323                       | 8:00 - 9:30 AM  |
| Shama                | Kariman         | Presenting Author | Understanding the Effect of Microenvironments of Extracellular Vesicle Profile Using a Nanofibrous In Vitro Tendon Model  | 10/13/2023 |                           | 2:45 - 3:00 PM  |
| Shumard              | Samantha        | Poster Author     | Injectible Decellularized Porcine Peripheral Nerve Based Hydrogel for Schwann Cells Delivery in Injured Spinal Cord   | 10/13/2023 | Exhibit Hall Row C #104   | 9:30 - 10:30 AM |
| Simonovich           | Jennifer        | Presenting Author | PEGylation of Indoleamine 2,3 Dioxygenase for Systemic Immune Regulation  | 10/13/2023 | 334                       | 9:00 - 9:15 AM  |
| Su                   | Elizabeth       | Poster Author     | In Vivo Implementation of Ultra-Microelectrode Arrays   | 10/13/2023 | Exhibit Hall Row K #407   | 9:30 - 10:30 AM |
| Sudi                 | Samánvitha      | Poster Author     | Investing the Impact of a Gut Metabolite on Valvular Intersitial Cell Activation  | 10/13/2023 | Exhibit Hall Row H #283   | 9:30 - 10:30 AM |
| Woldman              | Ashlee          | Poster Author     | Mechanical and Structural Properties of Porcine Dura Matter   | 10/13/2023 | Exhibit Hall Row D #151   | 3:30 - 4:30 PM  |
| Yu                   | Bo              | Presenting Author | Tracking Dendritic Cell Vaccination Using Magnetic Particle Imaging   | 10/13/2023 | 340                       | 3:15 - 3:30 PM  |
| Dewberry, PhD        | Lauren Savannah | Moderator         | Translational Studies in Neural Engineering   | 10/14/2023 | 345                       | 12:30 - 2:00 PM |
| Fuchs                | Madeline        | Presenting Author | Injectible Co-Assembled Peptide Hydrogels for Sustained Local Delivery of Therapeutic Enzymes   | 10/14/2023 | 331                       | 3:00 - 3:15 PM  |
| Manousiouthakis, PhD | Eleana          | Moderator         | Neuro - Therapeutics and Neuro-Regenerative Medicine  | 10/14/2023 | 341                       | 8:00 - 9:30 AM  |
| Manousiouthakis, PhD | Eleana          | Presenting Author | Resolving Differential Gene Expression After Therapeutic Hypoxia Treatment for Spinal Cord Injury for the Development of a Biomimetic Hydrogel Testing Platform             | 10/14/2023 | 341                       | 9:15 - 9:30 AM  |
| Manousiouthakis, PhD | Eleana          | Moderator         | Biomaterial Scaffolds: From Neurovascular Models to Dental Pulp Reneration  | 10/14/2023 | 332                       | 12:30 - 2:00 PM |
| Melgar               | Lucas           | Presenting Author | Novel Ionic Liquid Adjuvant Promotes a Robust and Antigen-Specific Th1 Response with Biocompatible and GRAS Materials   | 10/14/2023 | 342                       | 1:00 - 1:15 PM  |
| Park                 | Junha           | Presenting Author | Sweet Corn Phytoglycogen as a Protein Stabilizing Excipient   | 10/14/2023 | 333                       | 12:45 - 1:00 PM |
| Sanders              | Megan           | Presenting Author | A Heterotetramer of Galectin - 1 and Galectin - 3 Mitigates Localized Sterile Inflammation  | 10/14/2023 | 336                       | 8:45 - 9:00 AM  |
| To                   | Ethan           | Poster Author     | Characterization of a Composite Magnetic Nanoparticle System for In Vivo Joint Tracking   | 10/14/2023 | Exhibit Hall Row K #440   | 9:30 - 10:30 AM |
| Urquia               | Jenielle        | Poster Author     | Evaluating Force Propagation Across the Thumb Joints in Individuals with Early-and End-Stage Carpometacarpal Osteoarthritis   | 10/14/2023 | Exhibit Hall Row A #24    | 9:30 - 10:30 AM |