

2019 FIU MCNAIR SCHOLARS RESEARCH CONFERENCE

POSTER SESSIONS, OCTOBER 18

GC Ballrooms - Session A (1 - 2:15pm)

#	First Name	Last Name	Affiliation	Title	Discipline
1	Alondra	Venegas	DePaul University	Violence Exposure in Children: The Effect on School Attitudes, Prediction of Academic Performance, and Mediation by Mentor Relationship	Sociology
2	Charles	Buffington	Boise State University	Motivation For and Thoughts About Distracted Driving	Psychology
3	Leannett	Reinoso	Sundari Foundation- Lotus House	Rapport: Its Impact on the Misinformation Effect in Adult Eyewitnesses	Psychology
4	Diana	Borrego	Florida International University	EEG Analysis of Cortical Spreading Depression	Psychology
5	Yandra	Mariano	Florida International University	Indian young adults' perceptions of the intersections of autonomy, empowerment and domestic violence	Psychology
6	Jasmine	Banks	Florida International University	Diversity Training Method for Stereotype Reduction	Psychology
7	Jalen	Carney	Delta State University	Resiliency and Adaptability of Student Veterans and Non-Veteran Students in the Mississippi Delta	Psychology
8	Mindy	Bediako	University of Cincinnati	Beyond Refugee: An Inside look into the lives of refugees in Cincinnati	Psychology

9	Zoey	Bass	University of Cincinnati	Examining Attentional Bias in Health Anxiety Using Eye-Tracking Methodology	Psychology
10	Maria	Zapata	Florida International University	Driving Under The Influence: The Role of Emotion Dysregulation and Substance Quantity	Psychology
11	Elizabeth	Carrillo	DePaul University	Understanding How Teacher Race and Culturally Responsive Practices Relate to Students' Socially Disruptive Behaviors	Psychology
12	Monica	Estrada	DePaul University	Teacher Engagement of Social-Emotional Learning Among Preschoolers	Psychology
13	Francesca	Chavez	DePaul University	Moral Distress as a product of Medical Education	Psychology
14	Valentina	Jadue	Florida International University	Adolescent Victims of Commercial Sexual Exploitation perceptions of their Trafficking Process	Psychology
15	Stevena	King	Delta State University	What are the developmental delays in children whose mothers took prenatal vitamins during their pregnancy term?	Psychology
16	Marqueline	Cenatus	Florida International University	Parental Stress Moderates the Relation between Early Mother-Infant Interactions and Language Development	Psychology
17	Alejandro	Gallego	Florida International University	Physical Activity in Health-Related Quality of Life in Advanced Prostate Cancer	Psychology
18	Sebastian	Salinas	Florida International University	Do Relationships Matter? Understanding the Impact of Student-Teacher Relationships on Academic Performance for Children with Externalizing Behavior Problems	Psychology
19	Diana	Ugalde	Florida International University	The Impact of Source-Specific Conflict on Nurses' Safe Work Performance	Psychology
20	Emily	Jurich	Florida International University	The gender bias women encounter while seeking services at a university counseling clinic	Psychology

21	Anissia	Maldonado	Bowie State University	Attitudes Towards Utilization of Mental Health Services Among BSU Students	Psychology
22	Assata	Armstrong-Parham	Bowie State University	Does #MeToo Include Me? An Analysis of Cross-Cultural Perceptions of Inclusivity in the Current Feminist Movement	Psychology
23	Lacie	Hines	Bemidji State University	An Exploration of Ableists Beliefs	Psychology
24	Ryan	Ellison	Kean University	The Impact of Toxic Masculinity on the Conformity and Expectations of Manhood for Men of Color	Psychology
25	Gisselle	Salgado	Earlham College	Movimiento Sindical Latinoamericano: Latin American Union Tactics and Their Impacts on the U.S.	Political Science/International Relations
26	Jazmine	Torres	Kean University	Exporting American Higher Education Overseas: A Look at China	Political Science/International Relations
27	Joseph	Moscoso	Florida International University	Implementation of LCLS-II Injector into Monte Carlo FLUKA and Benchmark Studies of Radiation Fields During Injector Commissioning.	Phycis
28	Sabrina	Solis	University of Cincinnati	Leveraging the Altered Metabolism of Kidney Cancer Cells to Identify a Novel Therapeutic Target	Neurscience
29	Saira	Matthews	University of Cincinnati	Enhancing Locomotion in Stroke: A Noninvasive Neuromodulatory Approach	Neurscience
30	Julie	Villamil	Florida International University	Development of a Pipe Crawler Inspection Tool for Fossil Energy Power Plants	Mechanical Engineering
31	Mandy	Bryant	DePaul University	Food and Housing Insecurity Among College Students	Health Sciences
32	Marissa	Rasgado	DePaul University	Isolation-Dependent Facilitation of Social Interaction Is Dependent on Cortical Activity and Accompanied by Increased Amygdala Activity	Health Sciences

33	Victoria	Granberry	Delta State University	Associations between Early Life Undernutrition and Changes in Liver Metabolites: Implications for Chronic Disease	Health Sciences
34	Melissa	Nava	DePaul University	Role of Health Insurance Status in Perceived Barriers to Mammography Among African American Women	Health Sciences
35	Laketha	Covington	Delta State University	Resources Management & Integration Office Business Plan	Finance
36	Taneya	Chavis	University of Cincinnati	Challenges Woman of color face at Predominantly White Institutions& How They Combat These Issues	Educational Research
37	Rosanyely	Santana	Florida International University	The Impacts of Metal Contamination on Fish Predator-Prey Interactions	Earth Science/Geosciences
38	Ramon	Buzo	Bemidji State University	Analysis of Knowledge Graph Applications	Computer Science
39	Eve	Bell	Kean University	An Investigation of Native New Jersey Macroalgae for Use in Biofuel Production	Chemistry
40	Georgian	Alexander	Delta State University	The Prevalence Of Sexual Harassment Towards Male And Female Employees And Evaluation of The Reports To Management By Employees Who Have Been Sexually Harassed At Work	Business
41	Alexis	Scott	University of North Carolina at Greensboro	Redefining the Role of Being the Boss: African American Woman Navigating the Complex World of Entrepreneurship	Business
42	Gabriel	Santana	Florida International University	Developing a bioluminescent dopamine indicator using circularly permuted luciferases	Biomedical Engineering
43	Vanessa	Berrios	Florida International University	Individualized Treatments for Children with Relapsed/Refractory Cancers by Ex Vivo Drug Screening and Mutation Profiling	Biology
44	Nicole	Diaz	Florida International University	L1 Genetically Interacts with ras to Affect Excretory Canal Cell Development	Biology

45	Daniel	Cambron	Florida International University	Tyrosyl-DNA Phosphodiesterase 2 Inhibition Sensitizes Chemoresistant Mesothelioma Cells to a Topoisomerase II Poison	Biology
46	Maria	Santiago	Florida International University	Investigating the control of ribosomal protein expression in <i>Francisella tularensis</i>	Biology
47	Denecia	Diew	Delta State University	Will depletion of macrophages prevent the development of renal injury associated with prepubertal obesity?	Biology
48	Justyna	Krupa	University of Cincinnati	Developing Rational Combinatorial Strategies to Treat Lymphoma that Exploit c-Myc's Dependency on Enhanced Nucleotide Metabolism	Biology
49	Sandy	St-Hilaire	Florida International University	Sociodemographic Factors and Knowledge of HIV/AIDS in Indian Pregnant Women	Biology
50	Amelia	Leon	Florida International University	Development of PLD3 Knock Out Cancer Cell Lines and PLD4 Knock Out Macrophages to Test Immunotherapy Targets	Biology
51	Lyuba	Salih	Clarkson University	Purinergic Modulation of KCa3.1 Channels in Cervical Cancer Cells	Biology
52	Kaytlin	Alzugaray	Florida International University	Regulation of Oncogenic Stress Response in Gastric Cancer	Biology
53	Kiana	Kasmii	Florida International University	Video introductions from authors can aid non-science majors in understanding primary scientific literature	Biology
54	Laura	Moralejo	Florida International University	Novice and expert: what happens when students interview a scientist about their research?	Biology
55	Cameron	Chambers	Bowie State University	Evaluating the potency of siRNA targeting Guinea Pig Cytomegalovirus	Biology
56	Isata	Yokie	Bowie State University	Determination of Phytates and Oxalates Content in <i>Cleome gynandra</i> (Spider Plant) Grown in Different Environment in Kenya	Biology

57	Bai	Bangura	Bowie State University	Saving Our Citrus: CYVAV as a Therapeutic Vector against Citrus Greening Disease	Biology
58	Abigail	Le Voir	Bemidji State University	Yellow Perch Diet and Growth Rates Within Shallow Lakes in Minnesota	Biology
59	EvaLynn	Jundt	Bemidji State University	Microplastics in the Mississippi from Headwaters to St Cloud	Biology
60	Jacob	Haley	Bemidji State University	Analyzing sediments and surface waters in Northern Minnesotan lakes for microplastic concentrations	Biology
61	Chelsea	Samuelson	Bemidji State University	TCL's role in Melanoma Development	Biology
62	Kassandra	Concepcion	Florida International University	Novice and expert: what happens when students interview a scientist about their research?	Biology
63	Jasmine	Carter	Earlham College	Regulation of SCLC Metabolism and Self-Renewal by KSR2:	Biology
64	Cedric	Eze	North Carolina Central University	TRIM28 protein expression as differentially regulated in prostate cancer (PCa) and as a possible difference in the increased aggressiveness of African American (AA) Pca	Biochemistry
65	Parsa	Nilchian	Florida International University	Hippocampal remapping in repeated and different environments	Biochemistry
66	Isabella	Gimon	Florida International University	Using Dynamic Bayesian Networks to Analyze Data from the Gut Microbiome of Irritable Bowel Disorder Patients	Biochemistry
67	Jeffery	Erickson	Bemidji State University	Purification of Palmitoyl Protein Thioesterase and Acyl Protein Thioesterase for Use in In Vitro Depalmitoylation Reactions	Biochemistry

GC Ballrooms - Session B (2:30 - 3:45pm)

#	First Name	Last Name	Affiliation	Title	Discipline
1	Briana	Nichols	Cleveland State University	The Role of STEM faculty in Supporting African American Females in their Courses	Sociology
2	Maranda	Santoya	Cleveland State University	The Quality of Online Sex and Health Information for Sexual and Gender Minority	Sociology
3	Whitney	Tyree	Cleveland State University	An Examination of the Relationship between Humiliation and Social Participation	Sociology
4	Christian	Merchan	St. John's University	Locating A Specific Framework in Latinx Police Fatality Cases	Sociology
5	Dalia	Lopez	Earlham College	The State of Latinx Sense of Community Within Richmond, Indiana	Sociology
6	Kiara	Gray	Cleveland State University	The Role of Future Time Perspective on Work Behaviors	Psychology
7	Sarah	McCaffrey	Florida International University	The Effect Of Attention Bias Modification Training (Abmt) On The N2 Component In Youth With Anxiety	Psychology
8	Isabel	Montemayor	University of Minnesota Morris	Socialization and Internalized/Externalized Behaviors in Midwestern Rural Latinx School Children	Psychology
9	Jennifer	Abraham	St. John's University	A Study of the Influence of Childhood Trauma on Parenting Skills of Nigerian Parents	Psychology
10	Destiny	Eden	St. John's University	Evaluating the Effectiveness of Social Skills Training on Social Anxiety in Autism Spectrum Disorder	Psychology

11	Kayla	Jones	St. John's University	Working Towards a More Sustainable Food Future: Examining the Environmental Advocacy Efforts of Food Policy Councils	Psychology
12	Aileen	Martinez	St. John's University	Individual and Neighborhood Socioeconomic Status and Unhealthy Food Consumption in a Community Sample	Psychology
13	Angelina	Acevedo	St. John's University	Racial Discrimination and Unhealthy Food Consumption in a Community Sample	Psychology
14	Koryn	St. Clair	Marquette University	The Influence of Exposure to Genetic Ancestry Test Results on Race Essentialism	Psychology
15	Francisco	Berronies	Southern Nazarene University	Hope Across Borders: A Look at How Culture Influences Hope	Psychology
16	Stephanie	Castelin	University of Central Florida	Voices that Matter: Black Women's Input on Recovering from Traumatic Loss to Gun Violence and Incarceration	Psychology
17	Jose	Curiel	Florida International University	Comparing the Prevalence and Effects of Adverse Childhood Experiences Between Latino and Non-Latino Populations	Psychology
18	Jason	Patalono	Southern Nazarene University	Efficacy of ELL and its Effect on Graduation	Political Science/International Relations
19	Luisana	Zambrano Diaz	Florida International University	Asymmetric Information and Its Impact on Economic Development: A Case Study of BRICS	Political Science/International Relations
20	Kendra	Parker	Earlham College	The Evolution of Obesity: From Evaluation to Post-transplant in Kidney Recipients	Neuroscience
21	Jerilyn	Gillenwater	Earlham College	Role of Perineuronal Nets in Memory Interference in Mice	Neuroscience
22	Jemima	Kennedy	Cleveland State University	Variability and Stability of Gait in Stroke Survivors	Mechanical Engineering

23	Patricia	Garcia	Florida International University	Design and Development of Piezoelectrect Pulse Sensor to Detect Human Pulse Signals	Mechanical Engineering
24	Christopher	Excellent	Florida International University	Development of Development of a Crawler for the Inspection of the secondary liners of Double Shell Tanks at Hanford	Mechanical Engineering
25	Chaimaa	Maghfour	Marquette University	Determining the Dynamic Behavior of Heterogenous Material	Mechanical Engineering
26	Joel	Adams	Florida International University	Developing a ROS Framework for Mapping Using 2D Lidar Technology	Mechanical Engineering
27	Adrianny	Inoa Ortiz	St. John's University	Communication Confidence In Persons With Aphasia In The Ohio State University Aphasia Initiative	Health Sciences
28	Valeria	Martinez-Cabrera	Marquette University	Mediodorsal Thalamic Input to the Prefrontal Cortex is Required to Form Trace Fear Memories	Health Sciences
29	Roberto	Rojas	Florida International University	Differences in Traffic Related Air Pollutant Concentrations as a Result of Proximity to Major Roads	Enviornmental Science
30	Abdulmueen	Alrashide	Florida International University	Autonomous Navigation	Electrical Engineering
31	Joseph	Pellrine	St. John's University	Early Modern English Response to the Transformation of Christendom	Educational Research
32	Cheyenne	Ross	St. John's University	Assessing Belongingness in a Writing Across Communities Program at St. John's University Through the Lived Experiences of Student Partners	Educational Research
33	Isaiah	Morales	University of Central Florida	Project Victory: Exploring Graduate School Opportunities Through Cost-Effective Virtual Reality Tech	Educational Research
34	Amanda	Barroso	Florida International University	Natural Variability in South Florida Sea Level Rise	Earth Science/Geosciences

35	Diana	Gomez	Florida International University	Automatic Motif Detection and Extraction	Computer Science
36	Travon	Sheoprashad	University of Guyana	Investigating the Usability of Augmented Reality against conventional Micro-Navigation.	Computer Science
37	Kerrie	Hooper	University of Guyana	Investigating the use of EEG brainwave as a measure to classify human concentration levels when interacting with software interfaces.	Computer Science
38	Isaac	Sanchez	University of Minnesota Morris	Polymerization of (Furanylmethylene)oxindole and (Thienylmethylene)oxindole Derivatives and there Physical and Electronic Properties	Chemistry
39	Christian	Escritt	Southern Nazarene University	Arbovirus Surveillance in Oklahoma	Chemistry
40	Reuel	Lewi	University of Guyana	Bio-methanation of Echinochloa pyramidalis (antelope grass)	Chemistry
41	Surojency	Persaud	University of Guyana	Determination of the Level of selected Synthetic Food Colours in Local Food Snacks and Confectioneries.	Chemistry
42	Dennis	Ramos	Florida International University	Novel Polymeric Materials as Scaffolds to Establish 3D Cell Culture in a Microfluidic	Biomedical Engineering
43	Denis	Ortega	Florida International University	Engineering Perfusable Microvessels to Model Cancer Cell Extravasation	Biomedical Engineering
44	Ivanna	Corzo	Florida International University	Immunofluorescence of Cardiomyocytes for Tissue Analysis	Biomedical Engineering
45	Romina	Doubnia	Florida International University	Techniques in Theranostic Organically Modified Silica Nanoparticles for Cancer Treatment	Biomedical Engineering
46	Amanda	Barreto	Florida International University	Calcified Matrix Sub-Types in Aortic Valve Leaflets Prone to Sub-Clinical Thrombosis	Biomedical Engineering

47	Harrison	Mancke	Florida International University	Oxidative Stress Effects in Copper Exposed Fish	Biology
48	Elizabeth	Ferrer	Florida International University	Characterization of Differentiation and Immune Markers in Patient-Derived Organoids of Pancreatic Cancer	Biology
49	Marthena	Phan	Florida International University	The influence of maternal behavior on the neural processing of mother and stranger faces in 9-month old infants	Biology
50	Emoni	McGregor	Florida International University	Workforce Development Programs	Biology
51	Samantha	Fernandes	Florida International University	Using the GAL4/UAS System to manipulate Aedes aegypti mosquitoes	Biology
52	Abraham	Ahumada	Florida International University	The Cellular Basis of Wolbachia-Induced Rescue of Cytoplasmic Incompatibility	Biology
53	Cynthia	Baldeo	University of Guyana	Light as a conflict mitigation tool in human wildcat conflict in Mabura Hill, Guyana	Biology
54	Lauren Nina	Peralta	University at Buffalo	Double Negative T cells: Possible Mechanism for Progressive Renal Disease in Lupus	Biology
55	Idarabasi	Akpan	Florida International University	How are STEM Graduate Students defining science communication?	Biology
56	Amy	Acosta	Florida International University	Making primary scientific literature exciting! A novel method for bringing research into the classroom	Biology
57	Hannah	Bruce Opris	Florida International University	How are STEM Graduate Students defining science communication?	Biology
58	Ruben	Castellano	Florida International University	Novice and expert: what happens when students interview a scientist about their research?	Biology

59	Warren	Carter	University of North Texas at Dallas	The effectiveness of sodium nitrate as a food preservative Warren Carter ¹ , Britney King ¹ , Malik Muhammed ¹ , Jennifer Valverde ¹ , Aaron Wheeler ¹ and Aubrey Frantz ¹	Biology
60	Mesha	Iqbal	Clarkson University	Copolymerization of Methyl Acrylate with N-Vinyl Pyrrolidone and N, N-Dimethylacrylamide	Biology
61	Deborah	Pupillo	Florida International University	Effect of Relaxin Signaling on ERBB2-Induced Breast Cancer	Biology
62	Sandra	Haswani	Cleveland State University	Roles of histone H3 variant (H3v) in <i>Trypanosoma brucei</i> –generation of H3v single mutant library	Biology
63	Erney	Lorquet	Florida International	The Effect of RNA polymerase T7 and Antimalarial Drug DB75 on the conformation of DNA examined by Restriction Enzyme Activity	Biochemistry
64	Tyrique	Richardsho	Earlham College	Significance of Perineuronal Nets in Odor Discrimination and Long-Term Memory Consolidation in Mice	Biochemistry
65	Sir Lawrence	Tender	Marquette University	First-Generation College Pro-STEM students: How Higher Education is Failing Us	Biochemistry
66	Alton	Gayton	University of North Carolina at Chapel Hill	A tale of two phages: Expression and characterization of bacteriophages in bacteria associated with Inflammatory Bowel Disease (IBD)	Biochemistry
67	Malikiya	Hinds	University of North Carolina at Chapel Hill	Analyzing the Function of Dynamic Conformational Changes of <i>Thermus aquaticus</i> (Taq) MutL in DNA Mismatch Repair	Biochemistry
68	Jeremy	Gusset	Kean University	A Sculpture Cemetery	Architecture
69	Anoop	Kiran	University at Buffalo	Flow control and separation delay in morphing wing aircraft using travelling wave actuation	Aerospace Engineering

ORAL PRESENTATION SESSIONS, OCTOBER 19

Room PC 211 - Morning Session - Political Science/International Relations - 9:45am

#	First Name	Last Name	Affiliation	Title
1	Thalia	Rodriguez	Univeristy of Central Oklahoma	Implicit Bias in the College Classroom
2	Alessandra	Urbina	St. Edward's University	Measuring the Effectiveness of Applying the Vietnam and Germany Reunification Models Towards the Reunification of North and South Korea
3	Denaisha	Wortham	University of North Carolina at Greensboro	Representation in Classrooms Matter
4	Fletcher	York	Earlham College	Educational Challenges in Fort Wayne, Indiana
5	Alvaro	Munguia	Earlham College	Latino Voter Suppression In Dodge City
6	Araseli	Valverde	University of North Carolina at Chapel Hill	Italian Postcolonialism in Igiaba Scego's Work
7	Stevie	Jackson	Southern Nazarene University	Creek Freedmen: A Struggle for Acceptance and Citizenship

Room PC 211 - Afternoon Session - Political Science/International Relations - 1:45pm

#	First Name	Last Name	Affiliation	Title
1	Po	Chung	John Jay College	An Examination of type of Foreign Policy and its impact on perceptions of terrorism toward the United States
2	Christopher	Saint Jean	John Jay College	Does Diversity Matter?: Exploring Diversity and Effectiveness in B-Corps
3	Shakoya	Brown	Johnson C. Smith University	Understanding How Social Media Affects the Political Engagement of HBCU Young Adults
4	Luisana	Zambrano Diaz	Florida International University	Asymmetric Information and Its Impact on Economic Development: A Case Study of BRICS
5	Akelo	Agingu	North Carolina Central University	Exploring the causes of the breakdown of the Soviet union

Room PC 212 - Morning Session - Social Sciences/Humanities - 9:45am

#	First Name	Last Name	Affiliation	Title
1	Jordan	Vick	University of New Mexico	Phenomenology of Suchness

2	Allison	Doney	University of New Mexico	Climate in Pre- Revolutionary Countries: Examining the Roles of Absolutism, State Ineffectiveness, and Economic Crisis in the French Revolution of 1789
3	Mariah	Simplicio	University of New Mexico	“Deaths of Despair” among American Indians and non-Hispanic Whites: The Role of Poverty and Inequality
4	Michael	Hillyer	University of New Mexico	An Assessment of Yucatec Maya Language Vitality in the 21st century
5	Angela	Davies	University of New Mexico	Uncertainties in Spatial Access: A Comparison of Street Networks
6	Austin	Cardenas	University of Central Oklahoma	College Students and Agents of Socialization
7	Rebecca	Sanchez	St. Edward's University	Dating Apps and Women’s Sexual Empowerment
8	Aylin	Corona	DePaul University	(Dis)ability Representation & Intersectionality in Game of Thrones

Room PC 212 - Afternoon Session - Social Sciences/Humanities - 1:45pm

#	First Name	Last Name	Affiliation	Title
1	Salvador	Arcivar	University of Central Oklahoma	Exploring Faculty and Staff Perceptions of Undocumented and DACA Student Needs at a PWI
2	Gabriel	Schendler	Earlham College	Plato’s Flawed Critique: A Philosophic Inquiry

3	Emily	Belland	Bemidji State University	A Legacy Lost, a History of Skibo, Minnesota until the 1930s
4	Gerardo	Mendez	Marquette University	Investigating The Relationship Between Variables Of Land Use, Indicators Of Crime, And Community Outlook
5	Blake	Hite	University of North Carolina at Chapel Hill	Navigating Modern Indigeneity: Cultural Exchanges between Urban Indian Centers and Tribal Communities
6	Traci	Thompson	University of North Carolina at Chapel Hill	White Racial Resentment and Individualism Leading Up To the Election of Donald Trump
7	Jennifer	Sonaly S Vale	University of Florida	Internal Migration in the US
8	Amber	Robinson	Florida International University	Fleeing from Orthodoxy: Spirituality as Survival in Toni Morrison's Beloved and Jesmyn Ward's Sing, Unburied, Sing
9	Briana	Nichols	Cleveland State University	The Role of STEM faculty in Supporting African American Females in their Courses
10	Carolina	Cruz	The University of Texas at San Antonio	Streaming Killed the Radio Star: The Innovation of Music Discovery in the United States

Room PC 213 - Morning Session - Psychology/Neuroscience A - 9:45am

#	First Name	Last Name	Affiliation	Title
1	Alejandro	Gallego	Florida International University	Physical Activity in Health-Related Quality of Life in Advanced Prostate Cancer

2	Sebastian	Salinas	Florida International University	Do Relationships Matter? Understanding the Impact of Student-Teacher Relationships on Academic Performance for Children with Externalizing Behavior Problems
3	Emily	Jurich	Florida International University	The gender bias women encounter while seeking services at a university counseling clinic
4	Maxwell	Lawson	Bowie State University	Substance Use & Attitudes Towards Utilization of Mental Health Services Among Students at Bowie State University
5	Koryn	St. Clair	Marquette University	The Influence of Exposure to Genetic Ancestry Test Results on Race Essentialism
6	Joia	Wesley	Marquette University	Police Violence and the Willingness to Interact with Individuals in the Outgroup
7	Denise	Zheng	University at Buffalo	Effects of Mindfulness and Meditation: A Literature Review
8	Anabelle	Maya	University of North Carolina at Chapel Hill	Mother-Father Similarity in Ethnic-Racial Identity: Implications for African American Adolescents' Ethnic-Racial Identity and Adjustment

Room PC 213 - Afternoon Session - Psychology/Neuroscience A - 1:45pm

#	First Name	Last Name	Affiliation	Title
1	Santiago	Pacheco	University of New Mexico	Language and Categorization Effects on Cognitive Processing in Hispanic and Non-Hispanic White College Students
2	Denicia	Aragon	University of New Mexico	How Transcranial Direct Current Stimulation (tDCS) Effects Vigilance

3	Kylie	Talamante	University of New Mexico	Trauma by Psychopathy: The Connection to Juvenile Offending
4	Ilona	Alisudjana	University of New Mexico	Implementation and Baseline Characteristics of American Indian Adults Participating in Community Reinforcement and Family Training
5	Yandra	Mariano	Florida International University	Indian young adults' perceptions of the intersections of autonomy, empowerment and domestic violence
6	Jasmine	Banks	Florida International University	Diversity Training Method for Stereotype Reduction
7	Isabella	Barnes	St. Edward's University	How Do Our Parents Relationships Affect Us? Associations between Parental Relationship Status and Adult Attachment
8	Maria	Zapata	Florida International University	Driving Under The Influence: The Role of Emotion Dysregulation and Substance Quantity
9	Faiza	Bakth	John Jay College	Setting the ground rules: Use and practice of recommended ground rules in child forensic interviews
10	Whitney	Tyree	Cleveland State University	An Examination of the Relationship between Humiliation and Social Participation

Room PC 214 - Morning Session - Psychology/Neuroscience B - 9:45am

#	First Name	Last Name	Affiliation	Title
1	Ryder	Nicholas	St. Edward's University	The Influence of Biopsychosocial Education on Substance Use Disorder Stigma

2	Draven	Ward	University of North Carolina at Greensboro	Military Service Member Exposure to Trauma and Impact on Parenting Styles
3	Marqueline	Cenatus	Florida International University	Parental Stress Moderates the Relation between Early Mother-Infant Interactions and Language Development
4	Jose	Curiel	Florida International University	Comparing the Prevalence and Effects of Adverse Childhood Experiences Between Latino and Non-Latino Populations
5	Maranda	Santoya	Cleveland State University	The Quality of Online Sex and Health Information for Sexual and Gender Minority
6	Kiara	Gray	Cleveland State University	The Role of Future Time Perspective on Work Behaviors
7	Alondra	Aca	John Jay College	An Examination of Mixed Legal Status Families and its Long Term Psychological Impact over Generations
8	Alonzo	Beale	North Carolina Central University	The effects of masculinity on African American men and their intimate relationships.

Room PC 310 - Morning Session - Earth Science/Geosciences - 9:45am

#	First Name	Last Name	Affiliation	Title
1	Rosanyely	Santana	Florida International University	The Impacts of Metal Contamination on Fish Predator-Prey Interactions
2	Shayla	Husted	Marquette University	Environmental Resources Disparities: Low-income and Minority Communities Facing Environmental Inequality

3	Amanda	Barroso	Florida International University	Natural Variability in South Florida Sea Level Rise
4	Roberto	Rojas	Florida International University	Differences in Traffic Related Air Pollutant Concentrations as a Result of Proximity to Major Roads
5	Sophia	Calero	Florida International University	Is a Picture Worth a Thousand Fish: Comparing Two Standardized Methods for Determining Fish Community Assemblage
6	Hannah	Aziz	Florida International University	The Chemistry of Surface Water and Groundwater in Miami-Dade County

Room PC 331 - Morning Session - Health Sciences - 9:45am

#	First Name	Last Name	Affiliation	Title
1	Myrella	Gonzalez	University of New Mexico	Healing Trauma for Migrant Populations: Traditional Knowledge Interventions
2	Julianna	Tibbetts	University of New Mexico	A Survey of Practice Patterns in New Mexico of the Evaluation of Swallowing Disorders
3	Rachelle	Cardoza	St. Edward's University	A Comparison of Recreational Therapy and Pharmacological Therapy in Reducing Behavioral Problems in Alzheimer's Patients
4	Aaliyah	Belk	University of North Carolina at Greensboro	Repro Justice ≠ Repro Rights: Perspectives of Advocates/Activists.
5	Nijahlyn	Edwards	University of North Carolina at Greensboro	Community Observations: Assessing Neighborhood Risks and Protective Factors for Violence

6	Madeline	Treuer	Bemidji State University	Creating Monolingual Publications in the Ojibwe Language for K-12 Curriculum Building
7	Valeria	Martinez-Cabrera	Marquette University	Mediodorsal Thalamic Input to the Prefrontal Cortex is Required to Form Trace Fear Memories
8	Princess	Collins	University of North Carolina at Chapel Hill	Race-Gender Differences in Drug Use Among College Students

Room PC 424 - Morning Session - Biology B - 9:45am

#	First Name	Last Name	Affiliation	Title
1	Zoe	Andrews	University of Central Oklahoma	Keratinocytes and Pre-cancerous Keratinocytes Migration in a 3D Cell Culture
2	Venus	Garcia	Florida International University	Trophic Implications For The Conservation Of Amphibians In A Sub-Tropical Wetland
3	Daniel	Cambron	Florida International University	Tyrosyl-DNA Phosphodiesterase 2 Inhibition Sensitizes Chemoresistant Mesothelioma Cells to a Topoisomerase II Poison
4	Deja	Haraway	University of Cincinnati	NFKB1 Binds multiple Juvenile Idiopathic Arthritis genetic susceptibility loci
6	Taylor	Crawford	University of North Carolina at Greensboro	Molecular Effects of the Herbicide, Glyphosate, on Human Osteoblast Cells
7	Amelia	Leon	Florida International University	Development of PLD3 Knock Out Cancer Cell Lines and PLD4 Knock Out Macrophages to Test Immunotherapy Targets

8	Hannah	Bruce Opris	Florida International University	How are STEM Graduate Students defining science communication?
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Room PC 424 - Afternoon Session - Biology B - 1:45pm

#	First Name	Last Name	Affiliation	Title
1	Lyuba	Salih	Clarkson University	Purinergic modulation of KCa3.1 channels in cervical cancer cells
2	Cassandra	Wigfall	Boise State University	Inflammation May Play a Role in the Progression of Prostate Cancer by Influencing Tumor Cells to Express Specific Signaling Proteins
4	Kiana	Kasmaii	Florida International University	Video introductions from authors can aid non-science majors in understanding primary scientific literature
5	Royce	Nsiah	Clarkson University	The Relationship between Sub-Clinical Depression and Gait
6	Kassandra	Concepcion	Florida International University	Novice and expert: what happens when students interview a scientist about their research?
7	Shane	Rampertab	University of Guyana	Road mortality of herpetofauna along selected roads in Georgetown, Guyana – A baseline study
8	Cynthia	Baldeo	University of Guyana	Light as a conflict mitigation tool in human wildcat conflict in Mabura Hill, Guyana
9	Nanzeeba	Ahmad	University at Buffalo	The Effects of Stimulants and Antidepressants on Behavior, Brain Chemistry, and Bone Quality

10	Jesenia	Perez	Florida International University	Molecular mechanisms underlying MAGE-A protective functions against metabolic stress in cancer cells
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Room PC 425 - Morning Session - Physics/Math/Statistics - 9:45am

#	First Name	Last Name	Affiliation	Title
1	Kimberly	Rivera	University of New Mexico	Sentencing Outcomes Between White-Collar Defendants and Those Convicted of Street Crimes
2	Amber	Young	University of Central Oklahoma	Modeling Measles Vaccination and Outbreak
4	Travon	Sheoprashad	University of Guyana	Investigating the Usability of Augmented Reality against conventional Micro-Navigation
5	Kerrie	Hooper	University of Guyana	Investigating the use of EEG brainwave as a measure to classify human concentration levels when interacting with software interfaces
6	Diana	Gomez	Florida International University	Automatic Motif Detection and Extraction

Room PC 426 - Morning Session - Educational Research - 9:45am

#	First Name	Last Name	Affiliation	Title
1	Sir Lawrence	Tender	Marquette University	First-Generation College Pro-STEM students: How Higher Education is Failing Us

2	Nick	Blow	University of North Carolina at Chapel Hill	The effect of the emotional transition to higher education among first generation undergraduate students at UNC compared to non-first generation undergraduate students at UNC in the past four years
3	Jamison	Lowery	University of North Carolina at Chapel Hill	Expanding Native Horizons: An Examination of College Access Programming for American Indians at UNC-Chapel Hill
4	Verenisse	Ponce-Soria	University of North Carolina at Chapel Hill	Somos Carolina: Effect of a Curriculum Unit to Enhance High School Readiness of Rising Eighth Grade Latinx Students
5	Charles	Langston	Johnson C. Smith University	Student Athletes: Predictors of Academic Achievements among Undergraduate Black Males at HBCUs
6	Willis	Welcome	Florida International University	A Study of Students who Switch College Majors
7	McGregor	Emoni	Florida International University	Worforce Development Programs

Room PC 428 - Morning Session - Chemistry/Biochemistry - 9:45am

#	First Name	Last Name	Affiliation	Title
1	Sarah	Dallo	University of New Mexico	Using jMRUI Software to Quantify and Analyze Brain Metabolites in Post-Mortem 1H Magnetic Resonance Spectroscopy
2	Kim	Rogge-Obando	University of New Mexico	Investigation of Corticotrophin Releasing Factor in the Subiculum of the TgF344 Rodent Model of Alzheimer's Disease

3	Parsa	Nilchian	Florida International University	Hippocampal remapping in repeated and different environments
4	Isabella	Gimon	Florida International University	Using Dynamic Bayesian Networks to Analyze Data from the Gut Microbiome of Irritable Bowel Disorder Patients
5	Sarah	Colon Plaza	Florida International University	Screening and evaluation of Human Tyrosyl-DNA-Phosphodiesterase 1 (TDP1) inhibitors
7	Alton	Gayton	University of North Carolina at Chapel Hill	A tale of two phages: Expression and characterization of bacteriophages in bacteria associated with Inflammatory Bowel Disease (IBD)
8	Malikiya	Hinds	University of North Carolina at Chapel Hill	Analyzing the Function of Dynamic Conformational Changes of Thermus aquaticus (Taq) MutL in DNA Mismatch Repair

Room PC 428 - Afternoon Session - Chemistry/Biochemistry - 1:45pm

#	First Name	Last Name	Affiliation	Title
1	Zhi-Wei	Lin	University of North Carolina at Chapel Hill	Paper-based breast tumor co-culture model to quantify the effects of microenvironment on estrogen signaling
2	Reuel	Lewi	University of Guyana	Bio-methanation of Echinochloa pyramidalis (antelope grass)
3	Surojeney	Persaud	University of Guyana	Determination of the Level of selected Synthetic Food Colours in Local Food Snacks and Confectioneries
4	Erney	Lorquet	Florida International	The Effect of RNA polymerase T7 and Antimalarial Drug DB75 on the conformation of DNA examined by Restriction Enzyme Activity

5	Danielle	Cooner	Florida International University	Genotyping of Friedreich's Ataxia mice using polymerase chain reaction
6	Rolando	Casas	Florida International University	Collection of Volatile Organic Compounds (VOCs) for early plant disease detection: a comparison between passive and dynamic sampling techniques

Room PC 431 - Morning Session - Biology A - 9:45am

#	First Name	Last Name	Affiliation	Title
1	Jessica	Ross	University of Florida	Investigating discrimination among African Americans in Tallahassee, Florida using novel measures of unfair treatment
2	Jennifer	Valverde	University of North Texas at Dallas	In vitro effects of dietary nitrate on the human gut microbiota
3	Sandra	Haswani	Cleveland State University	Roles of histone H3 variant (H3v) in Trypanosoma brucei –generation of H3v single mutant library
4	Harrison	Mancke	Florida International University	Oxidative stress effects in copper exposed fish
5	Elizabeth	Ferrer	Florida International University	Characterization of Differentiation and Immune Markers in Patient-Derived Organoids of Pancreatic Cancer
7	Samantha	Fernandes	Florida International University	Using the GAL4/UAS System to manipulate Aedes aegypti mosquitoes
8	Abraham	Ahumada	Florida International University	The Cellular Basis of Wolbachia-Induced Rescue of Cytoplasmic Incompatibility

Room PC 438 - Morning Session - Engineering - 9:45am

#	First Name	Last Name	Affiliation	Title
1	Isaac	Valdez	University of New Mexico	Relating Build Parameters, Density, and Structural Properties in Additively Manufactured 316L Stainless Steel
2	Osmar	Aguirre	University of New Mexico	The Entropy Paradox in the Chapman-Jouguet Theory of Detonation
3	Derrick	Charley	University of New Mexico	The Reduction of Parasitic Drag on a Rotorcraft Using a Bio-Inspired Rotor Hub
4	Omar	Betancourt	Boise State University	Optimization of Alnico's Processing Route to Enhance Magnetic Properties
5	Mikele	Boyd	University of Cincinnati	The Testing Of A Concept For Automating Outer Diameter Cleaning Prototype
6	Ursan	Tchouteng Njike	Clarkson University	Characterization and Optimization of Silica and Polyethylene Aerogels
7	Sasha	Gallimore-Repole	Clarkson University	Viable Small Farm Anaerobic Digester Technology: Model Development
8	Joseph	Dees	Henderson State University	Underwater Remotely Operated Vehicle (ROV) As A Minimally Invasive Underwater Research Platform For Use On Local Lakes And Waterways

Room PC 438 - Afternoon Session - Engineering - 1:45pm

#	First Name	Last Name	Affiliation	Title
1	Hillary	Lopez	Florida International University	Exploring Drivers' Behavior and Cognition in Driving Simulator with Eye-Tracking
2	Jillian	Daniels	University at Buffalo	Mind the Gap: A Design Approach to Interdisciplinary Communication Practices
3	Chi	Nnoka	University at Buffalo	Scale Design for Enhancement of Snake-inspired Robotic Locomotion
4	Marcos	Seef	Clarkson University	Understanding Control Theory Through the Inverted Pendulum
5	Joel	Adams	Florida International University	Developing a ROS Framework for Mapping Using 2D Lidar Technology
6	Abdulmueen	Alrashide	Florida International University	Autonomous Navigation
7	Christopher	Excellent	Florida International University	Development of Development of a Crawler for the Inspection of the secondary liners of Double Shell Tanks at Hanford

Room PC 439 - Morning Session - Biomedical Engineering - 9:45am

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1	Gabriel	Santana	Florida International University	Developing a bioluminescent dopamine indicator using circularly permuted luciferases
2	Te-Ree	Parrish	Clarkson University	Using Biomedical Engineering To Improve The Lives Of People With Disabilities At Work
3	Jonathan	Cooper	University of New Hampshire	Selective Detection of Dopamine Utilizing a Graphene-Based Field Effect Transistor with a Microfluidic Channel
4	Jessica	Saller	University at Buffalo	Radiopaque Micro-markers for Flow Diverting Patches on Stents
5	Dennis	Ramos	Florida International University	Novel Polymeric Materials as Scaffolds to Establish 3D Cell Culture in a Microfluidic
6	Denis	Ortega	Florida International University	Engineering Perfusible Microvessels to Model Cancer Cell Extravasation
7	Ivanna	Corzo	Florida International University	Immunofluorescence of Cardiomyocytes for Tissue Analysis
8	Shreyanshu	Ray	Florida International University	Developing a Method to Quantify the Gross Mechanical Properties of Mouse Aortic Valve Leaflet Tissues

