



University Graduate School
FLORIDA INTERNATIONAL UNIVERSITY

GPSC GRADUATE &
PROFESSIONAL STUDENT
COMMITTEE



Scholarly Forum
Poster Presentation
Day 1

Day 1

Monday, March 27th

11:15 AM-12:45 PM // 1:00 PM- 2:30 PM

Room #3

Time	#	Category	Name	Title
11:15 AM - 12:45 PM	1	Engineering	Richa Agrawal	3D microsupercapacitors based on carbon micro-pillars encrusted with activated manganese oxide thin films
	2	Health Sciences	Valerie Polcz	Hispanic Ethnicity and Hepatobiliary Cancer Stage at Diagnosis
	3	Other	Seyed Javad Nosratabadi	The Effect of Minimum Wage on Employment: A Dynamic Approach
	4	Psychology and Behavioral Sciences	Ranjita Poudel	Behavioral decoding of functionally related brain areas consistently linked to drug cue-reactivity
	5	Chemistry and Physics	Mingwei Yang	Potential Application of SERS for Arsenic Speciation in Biological Matrices
	6	Business	Mohammad Nazrul Islam	CFO Gender and Audit Fees
	7	Health Sciences	Alicia Sneij	Effectiveness of a 6-Month Lifestyle/Nutrition Intervention Targeting Prediabetes in People Living with HIV (PLWH)
	8	Engineering	Zahra Nafar	Visible-light optical coherence tomography-based multimodal retinal imaging for improvement of fluorescent intensity quantification
	9	Engineering	Lakshmini Balachandar	Serotype based evaluation of an optogenetic vector targeting rat astrocytes
	10	Health Sciences	Michael Helbig	Effect of surgical timing on postoperative outcomes in patients with acute appendicitis.
	11	Other	Andrew Nashed	Adjuvant chemotherapy on the treatment of pediatric cerebellar cancer
	12	Biology	Iru Paudel	Sab-mediated signaling regulates mitochondrial dynamics.
	13	Chemistry and Physics	Alison Simon	Greenhouse Evaluations of Volatile Plant Defense Against an Invasive Agricultural and Environmental Biothreat Agent, <i>Raffaelea lauricola</i> , and Possible Implications for Canine Detection
	14	Education	Kadisha Mills	Deepening Preservice Teachers Understanding of Fractions Using Lesson Study and Teaching through Problem Solving
	15	Psychology and Behavioral Sciences	Alejandro Abad Alvarez-Querol	The norm of humanitarian intervention as a customary norm of international law: evaluating the requirements of state practice and opinio juris.
	16	Health Sciences	Praew Chantarasinlapin	Exploring the Association of Serum Methylglyoxal and Fasting Plasma Glucose Levels among Blacks with and without Type 2 Diabetes
	17	Engineering	Mariacarla Gonzalez	Quantitative Analysis of a Scar's Perfusion and Metrology

Break

1:00 PM - 2:30 PM	1	Engineering	Elnaz Mirtaheri	Improving the Biocompatibility of a Magnesium Stent Alloy using a Polymer Coating
	2	Health Sciences	Abdulhadi Abdulwahed	Chromatin remodeling and the molecular basis of chemoresistance in ovarian cancer.
	3	Other	Nazmul Islam	Forecasting Inflation through Econometric Models: An Empirical Study
	4	Psychology and Behavioral Sciences	Elsa Bravo	Spatial Activity Experience Influences Spatial, Science, and Math Anxiety
	5	Biology	Juan Molano	Insights from TIMS-MS, IRMPD Spectroscopy, and Molecular Dynamics on Nicotinamide Adenine Dinucleotide Structural Dynamics: NAD+ vs NADH
	6	Chemistry and Physics	Paolo Benigni	Exploring the structural space of hydrocarbons in crude oil
	7	Health Sciences	Miriam Weisberg	Variances in resident minority populations between Orthopedic and General surgery.
	8	Engineering	Ricardo Siu	Parametrization of a closed-loop adaptive controller for respiratory pacing in a rodent model
	9	Engineering	Maryam Aghili	Towards high throughput abnormal brain screening in MRI Images
	10	Health Sciences	Masha'el Huwaikem	A Nutrition and Physical Activity Intervention among Children participating in Summer Camps in Kuwait to Prevent Overweight and Obesity
	11	Chemistry and Physics	Meghan Roig	A Method for Optimizing Pressure Based Extraction and Direct PCR of Simulated Sexual Assault Samples
	12	Health Sciences	Alhanoof Alohalay	Randomized clinical trial of the effect of oral supplementation with N-acetyl cysteine and glycine on plasma GSH concentrations, and biomarkers of inflammation
	13	Other	Stephanie Delabat	Development and Validation of a Novel Phage Display Library for Detection of Drug-Protein Covalent Adducts
	14	Architecture	Maria Elisa Marini	Place-making and Social Media
	15	Health Sciences	Kathleen McInvale Trejo	Nutrition and Physical Activity Knowledge, Attitudes and Behaviors of Parents of Overweight and Healthy Weight Peruvian Preschool Children
	16	Engineering	Elnaz Pour Issa	Flow Field In Critical Aortic Valve Stenosis In Infants
	17	Engineering	Amirmasoud Hamedi	An Image Processing Technique to Determine the Efficiency of Energy Dissipation of Hydraulic Structures