

LAU Research Day 2024

Detailed program by Field

April 18, 2024, 08:00-17:00
LAU Byblos Campus



Business

Room: 5504

Chair: Dr. Samar Aad

Oral Presentations Session 1

Time	Presenter	Program	Research Title
9:30	Yaman Sultan Nassereddine	Master of Bus. Administration	How Beauty Brands are Paving the Way for Beauty Inclusivity and its Effect on Consumers' Experience
9:45	Roy Georges Nemer	Master of Bus. Administration	How Marketing Experts Utilize Brand Dropping in Rap/Hip-Hop Lyrics: Effects on Consumer Emotions and Managerial Implications for Brand Loyalty Across Age Brackets
10:00	Cynthia Wissam Mussaed	Master of Bus. Administration	The impact of crises on retail management practices: The case of Lebanon
10:15	Ahmad Issam Hamdan	Master of Bus. Administration	The Impact of Fluctuating Exchange Rates and Customs Rate on the Economic Sustainability of Solar Energy Business in Lebanon
10:30	Michael Fahed Mikhael	Master of Bus. Administration	Impact of ICT on Business Continuity and Sustainable Performance: mediating role of Digital Transformation Culture
10:45			

Economics

Room: 5503

Chair: Dr. Jamal Haidar

Oral Presentations Session 1

Time	Presenter	Program	Research Title
9:30	Vanessa Antoine Kajjouni	MA in Applied Economics	Who Uses Solar Water Heaters? Evidence from the Palestinian Territories
9:45	Wael Riad Al Achkar	MA in Applied Economics	"Does Going Green Undermine Firms' Export Performance?"
10:00	Hala Lokman Farhat	MA in Applied Economics	The Case of Eastern Europe and Central Asia"
10:15	Wael Mohammad Hammoud	MA in Applied Economics	Productive Pathways: Analyzing and Contrasting the Product Spaces of Lebanon, Jordan, and Tunisia
10:30			
10:45			

Oral Presentations Session 2

Time	Presenter	Program	Research Title
11:15	Rawan Tarek Al Gharib	MA in Applied Economics	What determines countries' adaptive capacity to climate change?
11:30	Reem Adib El Eit	MA in Applied Economics	The Macroeconomic Effects of Global Food Price Shocks: The Case of Lebanon
11:45	Dareen Youssef Fayyad	MA in Applied Economics	Economic Empowerment and Religious Practices: Navigating Gender Dynamics in the MENA Region
12:00	Farah Nohad Younes	MA in Applied Economics	Fostering Job Creation Through an Enabling Business Climate: A Case Study of Saudi Arabia's Economic Landscape
12:15			
12:30			

Engineering and Technology

Room: 5507

Chair: Dr. Miriam Tawk

Oral Presentations Session 1

Time	Presenter	Program	Research Title
9:30	Joshua Jihad Nasr	MSE in Civil & Environ. Eng'g	Estimating Construction Project Duration Using a Machine Learning Algorithm
9:45	Elise Joseph Aoun	MSE in Mechanical Engineering	3D Printable Low-Pressure Input Multimodal Soft Actuators for Untethered Robots
10:00	Dani Imad Mourtada	MSE in Civil & Environ. Eng'g	Using Bender Elements in Monotonic Triaxial Testing of Bentonite-Grouted Ottawa Sand
10:15	Malek Khaled Al Abdallah	MSE in Industrial & Eng'g Mgmt	Impact of inbound truck prioritization on cross-docking efficiency
10:30	Nour Tarek Hilal	MS in Computer Science	Mitigating Vehicle Pedestrian Crashes: A Deep Learning Approach for Real-Time Collision Prediction
10:45	Lea Ali Mansour	MS in Computer Science	Semantic-Aware Task Off-loading in Hybrid Flying Networks for Optimized MEC Performance

Oral Presentations Session 2

Time	Presenter	Program	Research Title
11:15	Hala Ayman Ezzeddine	MS in Computer Science	Efficient UAV-Assisted Data Transmission in IoT Networks Based on the Elevation Factor
11:30	Rasha Hussein Issa	MS in Computer Science	Enhancing IoT Communication Networks: Biogas Energy Harvesting for Reliable, Low-Latency, and Energy-Efficient UAV-Assisted Dynamic Clustering
11:45	Yara Amin Harb	MS in Computer Science	Enhance the Energy Efficiency of Wireless Sensor Networks Using K-means Clustering with Dynamic Adaptation
12:00	Sally Fadi Aboulhosn	MS in Computer Science	Sophisticated Obstacle Avoidance Architecture for Autonomous Vehicles Incorporated with Hydrogen Fuel Cell Technology
12:15	Gaby Michel Saad	MSE in Civil & Environ. Eng'g	Investigating the Effects of Plasticity on the Distribution of the Modulus of Subgrade Reaction in Large-Sized Mat Foundation Design
12:30	Nour Bassam Kallout	MS in Computer Science	Optimizing the UAV trajectory to relay messages in time using short path algorithms

Health Sciences A

Room: 5400

Chair: Dr. Mahmoud Salam

Oral Presentations Session 1

Time	Presenter	Program	Research Title
9:30	Mohamad Ali Abdelkhalik	MD in General Medicine	Promoting the Knowledge, Attitude, and Beliefs regarding the Symptoms of Heart Attack and CPR Knowledge in Health Promoting Schools in Lebanon: The Effectiveness of an Educational Intervention
9:45	Wassim Mostafa Daoud Khatoun	MD in General Medicine	Exploring the health conditions of the LGBTQ+ community, their access to care, and experiences in Lebanese Healthcare Settings
10:00	Myriam Gebran Boueri	MD in General Medicine	Assessing Health Literacy, Digital Diet Literacy, Treatment Adherence and fear of COVID-19 among Patients on Hemodialysis in Lebanon: A Cross-Sectional Study
10:15	Yara Ghanem	MD in General Medicine	Gap in knowledge of health benefits and risks of combined oral contraceptives among Lebanese women
10:30	Farah Youssef Feghali	Residency Program	Evaluation of the treatment of febrile neutropenia in a tertiary care center
10:45	Rana Attieh	Residency Program	Mapping of infection prevention and control education and training in some countries of the World Health Organization's Eastern Mediterranean Region: Current situation and Future needs

Oral Presentations Session 2

Time	Presenter	Program	Research Title
11:15	Maroun Joseph Ibrahim	MD in General Medicine	Tinnitus in Lebanon: Prevalence and environmental factors
11:30	Lynn Elie Khalife	MD in General Medicine	A homozygous frameshift variant expands the clinical spectrum of SAMD9 gene defects
11:45	Fouad Issam Dernaika	MS in Pharm. Dev. & Mgmt.	Development and Characterization of a Zeolite Based Drug Delivery System: Application to Cannabidiol Oral Delivery
12:00	Afifeh Said Massoud	MS in Pharm. Dev. & Mgmt.	In-depth genomic analysis of multi-drug resistant <i>Stenotrophomonas maltophilia</i> strains isolated from the intensive care unit of a tertiary care center in Lebanon.
12:15	Diana Jihad Bylan	MS in Pharm. Dev. & Mgmt.	Efficacy of Lebanese Cannabis Oil Extract in the Treatment of Folic Acid-Induced Renal Fibrosis in Rats
12:30	Christabel Boutros Habchy	MS in Pharm. Dev. & Mgmt.	Therapeutic Effect of Lebanese Cannabis Oil Extract in the Management of Sodium Orthovanadate-Induced Nephrotoxicity in Rats

Health Sciences B

Room: 5401

Chair: Dr. Bahia Abdallah

Oral Presentations Session 1

Time	Presenter	Program	Research Title
9:30	Dany Elias Akiki	MD-Post Doctorial Research	Assessment of Inferior Oblique Overaction after Inferior Oblique Myectomy: Interim Results.
9:45	Hiba Youssef Fala	Postdoctoral Research Fellow	Maternal Levels of Coenzyme Q10 and Influence of Supplementation on the Development of Preeclampsia: A Systematic Review of Available Data
10:00	Nassab Mahmoud Fakhreddine	Residency Program	Surgical Site Infections Occurrence and Associated Risk Factors: A Matched Case-Control Study
10:15	Ali Imad Hamam	MD in General Medicine	POLD3 Haploinsufficiency is Linked to Non-Syndromic Sensorineural Late Onset Progressive Hearing and Balance Impairment
10:30	Ali Sobh	MD in General Medicine	Consanguineous Marriages in the Lebanese Population: Practice, Attitude and Knowledge
10:45	Zeid Ibrahim	Residency Program	Laparoscopic Sleeve Gastrectomy as a First Step Procedure for Oncologic Purposes: An Indication Beyond the Updated Guidelines

Oral Presentations Session 2

Time	Presenter	Program	Research Title
11:15	Myriam Gebran Boueri	MD in General Medicine	Unveiling the Unseen Toll: Exploring the Impact of the Lebanese Economic Crisis on the Health-Seeking Behaviors in a Sample of Patients with Diabetes and Hypertension
11:30	Siham Kamel Bazzi	MS in Pharm. Dev. & Mgmt.	Polymeric Nanoparticles Encapsulating Metformin as an Approach to Ameliorate its Repurposed Chemotherapeutic Performance in Colon Cancer
11:45	Vanessa Hasan Tarraf	MS in Pharm. Dev. & Mgmt.	Efficiency of Azithromycin-Loaded Lipid Polymer Hybrid Nanovehicle as a Repurposing formulation in Colon Cancer Management
12:00	Shirine George Kyprianos	MS in Pharm. Dev. & Mgmt.	Multidisciplinary analysis of bio cementing bacteria isolated from the Lebanese soil.
12:15	Sarah Ali Reda El Sayed	MS in Pharm. Dev. & Mgmt.	2D-hydrogel scaffolds as extracellular matrix mimics to evaluate the biology of cancer cells resistance against chemotherapy
12:30			

Natural Sciences A

Room: 5505

Chair: Dr. Christian Khalil

Oral Presentations Session 1

Time	Presenter	Program	Research Title
9:30	Jame Fadi Tannous	MS in Biological Sciences	Tracking Antimicrobial Resistance in Bovine Fecal Material across Farms in Lebanon: Sequencing and Genomic Surveillance Using a Comprehensive One Health Approach
9:45	Carni Sevag Boujanian	MS in Biological Sciences	Genome-Based Characterization of Bacterial Pathogens Causing Bloodstream Infections
10:00	Anthony Sami Lteif	MS in Biological Sciences	Lebanese Cannabis Oil as a Potential Treatment for Acute Myeloid Leukemia: In Vitro and In Vivo Evaluations
10:15	Amjad Anwar Slika	MS in Biological Sciences	Unveiling the Chemotherapeutic Abilities of Novel Platinum IV Complexes, P-PENT and P-HEX, in Skin and Breast Cancers: In Vitro and In Vivo Insights
10:30	Joelle Talal Bou Chacra	MS in Biological Sciences	Exploring the Anti-Cancer Potential of novel Platinum IV Complexes, 5CISS (II) and 5CISS (IV), against Skin Cancer
10:45	Ghiwa Fady Chalhoub	MS in Biological Sciences	Unraveling the Genetic Diversity of Enterobacter and Klebsiella spp.: Resistance and Mobile Elements

Oral Presentations Session 2

Time	Presenter	Program	Research Title
11:15	Mohamad AlBachir Ghassan Ezzeddine	MS in Biological Sciences	Molecular Characterization of Extended Spectrum Beta-lactamase and Carbapenemase Producing Bacteria Isolated from Cats in Lebanon
11:30	Ranim Abbas Reda	MS in Biological Sciences	Molecular Characterization and Genotyping of Multi-drug Resistant Uropathogenic Escherichia coli: Unraveling Gender-Specific Trends
11:45	Carmen Said Adam	MS in Biological Sciences	Genomic Insights into Stenotrophomonas maltophilia: Insertion Sequences, Antimicrobial Resistance, and Environmental Adaptability
12:00	Daniella Maher Danaf	MS in Biological Sciences	Comparative effect of sodium butyrate and sodium propionate on proliferation, cell cycle and apoptosis in human ovarian carcinoma cells
12:15	Sarah Hani Dimassi	MS in Biological Sciences	Therapeutic Index of Essential Oils Extracted from Lebanese Endemic Plants Against Different Developmental Stages of Leishmania tropic
12:30			

Natural Sciences B

Room: 5506

Chair: Dr. Mohamad Rima

Oral Presentations Session 1

Time	Presenter	Program	Research Title
9:30	Qousai Jihad Kanaan	MS in Biological Sciences	Whole Genome-Based Characterization and Antibiotic Resistance Profiles of Salmonella spp. Isolates from Lebanese Chicken Broilers
9:45	Line Hicham Al Samra	MS in Biological Sciences	Repositioning of Antiparasitical Medicines: A Promising Approach in Cutaneous Leishmaniasis Therapy
10:00	Yara Toni El Zoughby	MS in Biological Sciences	Citrate is a circulatory exercise factor that promotes resiliency to stress and has antidepressant properties in males mice.
10:15	Yasmin Mhd Said Sahloul	MS in Biological Sciences	Exercise-induced Citrate Enhances Associative Memory Formation by Modulating Histone Acetylation in a Sex-dependent manner.
10:30	Setrida Charbel El Hachem	MS in Biological Sciences	Sequential Induction of Drug Resistance and Characterization of a Candida albicans Drug Sensitive Isolate
10:45	Christy Antonios Chedraoui	MS in Biological Sciences	Induction of Resistance to Fluconazole and Caspofungin in Candida glabrata: Phenotypic and Genotypic Characterization of Susceptible and Laboratory in-vitro Resistant Isolates

Oral Presentations Session 2

Time	Presenter	Program	Research Title
11:15	Nawal Hussein Mezher	MS in Biological Sciences	Exploring the Implications of ACSS2 in Inflammatory Bowel Disease
11:30	Mirna Imad Farhat	MS in Biological Sciences	Characterization of the Potency and Mechanism of Action of a Novel Dual-Selective Intermolecularly Complemented Version of Anthrax Lethal Toxin (PAU2R200A- PAL1I207R/FP59) in Acute Myeloid Leukemia
11:45	Zeinab Mohamad Mroue	MS in Biological Sciences	Characterization of the Cytotoxic Mechanism and Mode of Cell Death Induced by a MEK1/2-selective version of Anthrax Lethal Toxin (PrAg/LFW271A) in Acute Myeloid Leukemia
12:00	Ola Moastafa Mroweh	MS in Biological Sciences	Exploring the Role of ACSS2 in Ovarian Cancer: Insights from Cellular and Clinical Studies
12:15	Moustapha Nabil Alayan	MS in Biological Sciences	Targeting Arginine Auxotrophy in Breast Cancer Cells using a Cobalt-Substituted Recombinant Human Arginase I Enzyme [HuArgI (Co)-PEG5000]
12:30	Lemir Malek Lemir Rustom Chehab	MS in Biological Sciences	Targeting Arginine Auxotrophy in Prostate Cancer Cells using a Cobalt-Substituted Recombinant Human Arginase I Enzyme (HuArgI (Co)-PEG5000]

Social Sciences and Humanities A

Room: 5402

Chair: Dr. Reine Azzi

Oral Presentations Session 1

Time	Presenter	Program	Research Title
9:30	Diana Wissam Al Farran	MA in Education	Perceptions of Grade 12 Socio-Economics Students on the Integration of Real-Life Scientific Applications in Biology Classrooms
9:45	Rayan Mohammad Al Tulyani	MA in Education	The Impact of Using the IBL Approach and the 5 E Framework in Mathematics Classrooms on Students' Motivation and Engagement
10:00	Nivine Elias Aziz	MA in Education	Educators Perception on Integrating Virtual Reality in Classrooms: A Lebanese Context
10:15	Maya Mahmoud El Chaabi	MA in Education	The Effect of a Digital Storytelling Intervention on Middle School Students' Perceptions about Intellectual Stereotypes and their Interests in STEM Fields
10:30	Sana Sultan Nasreddine	MA in Education	"School Leaders Promoting Teachers' Wellness: A Lebanese Case Study"
10:45			

Oral Presentations Session 2

Time	Presenter	Program	Research Title
11:15	Omar Ibrahim	MA in Education	Higher Education Students' Attitude and Honesty Towards Course Evaluation: A Lebanese Case Study
11:30	Lara Ayoub Rafeh	MA in Education	Integrating Arts in a Sixth Grade English Classroom: A Lebanese Case Study
11:45	Shireen Anwar Kasamani	MA in Education	From Writing to Speaking: Lessons Learned from Writing Centers to Establish Speaking Centers
12:00	Nour Ali Abou Chala	MA in Education	Exploring students' code-switching in intensive English university classes in Lebanon: A case study
12:15	Chaza Omran Abdallah	MA in Education	Language Teachers' Perceptions of Translanguaging in Classrooms: A Lebanese Exploratory Study
12:30	Abeer Saleem El Ahmadih	MA in Education	The Aftermath Of COVID-19 on Grade 9 and 12 Biology Classes in Lebanon

Social Sciences and Humanities B

Room: 5403

Chair: Dr. Angela Kahil

Oral Presentations Session 1

Time	Presenter	Program	Research Title
9:30			
9:45	Dana Jamal El Sammak	MA in Interdis. Gender Studies	In Their Own Words: Exploring the Linguistic Strategies of LGBTQ+ Women in Lebanon
10:00	Soufiane Abdeljalil El Hamry	MA in Interdis. Gender Studies	Hegemonic Masculinity and Homophobia: What Relationship?
10:15	Assil Nader Fares	MA in Interdis. Gender Studies	Queering Palestine: On Being Queer in Occupied Palestine
10:30			
10:45			

Oral Presentations Session 2

Time	Presenter	Program	Research Title
11:15	Kevork Armen Yacoubian	MA in International Affairs	A Neo-Classical Realist Analysis of Turkish Foreign Policy Towards the Caucasus The Cases of Armenia and Azerbaijan in the Post-Soviet Era Until the dissolution of the Nagorno-Karabakh Republic
11:30	Yara Atef Chazbeck	MA in Interdis. Gender Studies	Recreational Pole Dancing in the Middle East: The Debate, Lived Experiences and Bodily Attitudes.
11:45	Rana Ragy Saleh	MA in Interdis. Gender Studies	Domestic Violence and Masculinity in Egypt and Mexico
12:00	Nabila Nazih Arab	MA in Migration Studies	The Impact of Labor Migration on Couple and Family Relationships and Dynamics: The Lebanese Women's Perspective
12:15			
12:30			