

LAU Research Day 2024

Posters' Session

April 18, 2024, 13:45-15:15
LAU Byblos Campus-Medical Area



Business

Posters' Session

Presenter	Program	Research Title
Zeina Youssef Sawtari	BS in Business	Mineral resource investments and mutual funds' performance: A remedy for recovery in BRICS

Posters' Session

Presenter	Program	Research Title
Abboud Najib Hayek	BE in Computer Engineering	A Multi-Scenario Framework for Continuous Learning and Comparative Analysis of Large Language Models in Sequence Task Prediction
Charbel Matar Fayad	BS in Computer Science	A Scale-free Network-based Genetic Algorithm with Balanced Exploration and Exploitation
Lea Henry Youssef Baby	BE in Mechatronics Engineering	A Semi-synthetic Dataset for Hamstring Injury Prediction
Cynthia Roy Al Labaki	BE in Mechanical Engineering	AI Intelligent texture tool control for engineered surfaces
Amir Ali Amine	BE in Computer Engineering	Autoencoder-based Music Feature Engineering to Perform Music Generation
Ihab Sami Awad	BS in Computer Science	CodeQuest VR: Python Exploration
Baneen Mohamad Kazem Ayyad	BS in Computer Science	Energy-Efficient UAV-Assisted Cluster-Based Control Messages Relay System in IoT Networks
Firas Fouad Abou Karnib	BE in Mechatronics Engineering	Enhancing Traffic Control Modeling: A Comparative Study of Model Predictive Control and Store-and-Forward Techniques with Reduced Offline Parameter Computation
Paul Fadi El Kouba	BE in Computer Engineering	Generative Evolutionary-Developmental Pipeline for Emotion-based Music Composition
Dan Samer Sebastian Chahine	BE in Computer Engineering	Lithium-ion Capacitor State-of-Health Estimation Using Machine Learning
Ralph Antoun Aouad	BE in Computer Engineering	LLM Knowledge Distillation through Task Specific Teacher Prompting
Sara Joe Karam	BE in Computer Engineering	Mitigating the Capacity Gap in Knowledge Distillation via Iterative Tutoring Approach
Raneem Mohammad El Choum	BE in Civil Engineering	Mixing Between Grout and Groundwater during Permeation Grouting
Mohammad Ghazi Al Izzi	BS in Computer Science	Mobile health innovation: Leveraging Machine Learning and Generative AI to integrate multifactorial data for dementia risk assessment.
Kayssar Kamil Mikhael	BE in Electrical Engineering	Modelling of a Lithium-Ion Capacitor Energy Storage System for a Hybrid Race Car
Reem Hassan Marji	BS in Computer Science	Optimizing Area Coverage with an Integrated VLC-RF Hybrid Communication System: A Relay-Based Approach for Reducing Energy Consumption, Access Points, and Increasing Area Coverage
Husen Youssef Shaito	BS in Computer Science	Optimizing Area Coverage with an Integrated VLC-RF Hybrid Communication System: A Relay-Based Approach for Reducing Energy Consumption, Access Points, and Increasing Area Coverage
Adam Serhal Bou Moghlebey	BE in Mechatronics Engineering	Paralyzed Assistive Robotic Arm Eye-Tracking and Electric Chair: PARATEC
Ali Haider Zayat	BE in Computer Engineering	Performing Music Generation using Stable Diffusion

Health Sciences

Posters' Session

Presenter	Program	Research Title
Hala Amin El Mikkawi	BS in Nutrition & Dietetics	Adherence to the Mediterranean Diet and Mental Health among University Students in Lebanon
Rima Raymond Abboud	BS in Nutrition & Dietetics	Beyond hashtags: does Instagram content influence body image and eating behavior?
Roa Shawket Echtaay	BS in Nutrition & Dietetics	Exposure to Mycotoxins from the Consumption of Corn-based Breakfast Cereals in the United Arab Emirates
Anna Maria Fadi Doumit	BS in Nutrition & Dietetics	Intuitive Eating among University Students
Hanin Zahi El Hajj	BS in Nutrition & Dietetics	Nutrition Literacy and its Relationship to Diet Quality Among university students in Lebanon.
Layan Fadi El Halawani Dit Chami	BS in Nutrition & Dietetics	SLEEP, DIET, AND CHRONONUTRITION: STUDYING THE DUAL EFFECT OF COGNITIVE BEHAVIORAL THERAPY FOR INSOMNIA (CBTI) on sleep and dietary habits

Natural Sciences

Posters' Session

Presenter	Program	Research Title
Ali Reda Abbass Darwich	BS in Biology	Biosynthesis of metallic Nanoparticles using Parietaria Debilis extract and their Biological Applications
Yara Jean Kahale	BS in Biology	Comprehensive Metagenomic Profiling of Cheese: DNA Extraction Challenges and Optimization Strategies
Joe Chucri Elhage	BS in Biology	Determination of phenolic compounds in electronic cigarettes
Hadi Abdalla Akl	BS in Biology	Enhanced DNA Extraction from Fungal Cells: Exploring the Advantages of Blastospores Versus Mycelia
Raja Iyad Sfeir	BS in Biology	Factors of Motivation Influencing Students to Seek and Complete a Higher Education
Ahmad Abdo El Khatib	BS in Biology	Impact of Power Cuts in Lebanon on Proliferation of Foodborne Bacteria
Yazid Ziad Hoblos	BS in Bioinformatics	Indisputable vs. Questionable Actionable Secondary Findings in a Cohort of 500 Lebanese Participants: What to Report to the Patient?
Lama Attallah Saadeh	BS in Chemistry	Metal Concentrations in Lipsticks commonly used in Lebanon
Aya Anis Shehab	BS in Chemistry	Mind the Metal - Unveiling Heavy Metals in Your Food
Lynn Walid Nakhle	BS in Biology	Molecular Characterization and Resistance Profile of <i>Enterobacter mori</i> Recovered from a Clinical Setting in Lebanon
Youssef Ali Nasrallah	BS in Chemistry	New Schiff Bases and their Metal Complexes: Synthesis and Biological Activities
Iman Yasser Alwan	BS in Biology	Numerical And Experimental Investigation of Gold Nanoparticles for Plasmonic Photothermal Cancer Therapy
Maysam Walid Shayya	BS in Biology, Teaching Diploma	Perception of the Lebanese Population Towards an Innovative Treatment Approach for gastrointestinal diseases
Adonis Ali Hdaifi	BS in Chemistry	Pharmaceutical By-products Contamination in Surface Water
Sami Fadi Abou Zeid	BS in Chemistry	Pharmaceutical By-products Contamination in Surface Water
Lea Wissam Sakr	BS in Biology	Potential Mobilization of <i>mcr-10</i> in Colistin-Susceptible <i>Enterobacter kobei</i> through Site-Specific Recombination
Thomas Abdo Gebrayel	BS in Biology	<i>Stenotrophomonas maltophilia</i> : Insights into the Dynamics of Colistin Resistance and Biofilm Formation
Jana Houssein Tfaili	BS in Chemistry, Teaching Diploma	Tackling Drug Discovery in Alzheimer's Disease
Ingrid Tanios Salame	BS in Chemistry	Tackling Drug Discovery in Alzheimer's Disease
Sahar Samir Saleh	BS in Chemistry	Tackling Drug Discovery in Alzheimer's Disease
Romi Michel Jbeily	BS in Biology	The Impact of Mutation-Driven Changes on VPS39-Orf3a Interaction Dynamics: Autophagy and Therapeutic Perspectives

Social Sciences and Humanities

Posters' Session

Presenter	Program	Research Title
Mounya Hani El Said	BA in Communication	Between Facts and Framings: Examining the Western News Coverage of the War on Gaza Through the Lens of Orientalism
Maissane Georges Nasrallah	BA in Psychology	Disturbances in Eating Behavior and Body Image: The Role of Attachment, Media Internalization, and Self-objectification
Reem Bassel El Zouheiry	BA in English	How to make Hummus: Using algospeak to navigate Instagram censorship during the Israel-Palestine media war
Heba Mohamad El Hallak	BA in English	i-Explorations: Navigating Local Perceptions of Epenthetic Brazilian English
Jana Mohamad Ali Al Houssari	BA in Psychology	Relation between indirect exposure to the Israel-Hamas war through social media and the development of PTSD
Chadi Walid Massoud	BA in Psychology	Spectroscopic and Electrochemical Investigation of Phenanthrophenazine Derivative
Nour Elias Abdel Karim	BA in Psychology	The relationship between perceived stress and somatic symptoms with the moderating role of financial stability.
Lynn Issam Al Hadi	BA in Political Sc/Int.Affairs	Measuring and Unpacking the Effectiveness of Secular vs Faith-based Lebanese and Palestinian Resistance Groups against Israel: From the Cairo Agreement (1970) to Present Day