



JUST Newsletter

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COVID - 19

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“We will, God willing, pass this circumstance because the true feature of the Jordanian character appears during difficult times and because Jordanians are perseverant and have strong will and are capable of rising to their responsibilities”

JUST Among Top World Universities



Jordan University of Science and Technology (JUST) maintains its distinguished appearance in various world university rankings including in some of the most prestigious rankings. In its latest results, the “Center for World University Rankings” or CWUR ranked JUST as no.1 nationally and emerged among the best 6.7% universities worldwide for the year 2020. Also as per the “THE” ranking for 2020, JUST ranked no. 1 nationally and landed in the 58th position among Asian universities that include some of the most prominent nations and higher education systems in the globe. In addition, JUST keeps an impressive record of ranking as it was ranked in the 85th position worldwide among young university rankings by the “THE” for 2020 besides its Landmark Rankings by the “THE” as it lies in the 351-400 best university in the world. Moreover, according to the renowned US News rankings, JUST is no.1 nationally and the 688th best university in the world. This record affirms that JUST is an excellent choice for those looking to be future leaders.

Biogas Technology Workshop at JUST



Faculty of Agriculture at JUST in cooperation with the Food and Agriculture Organization of the United Nations and the Royal Scientific Society (RSS)/ National Energy Research Center (NERC) completed the first day of the pioneering theoretical training on Biogas Technology “Design, Build, and Operate Biogas Plants”.

According to a statement, this training falls within the activities of the biogas pilot project, which is one part of the “Improving rural livelihoods and the environment through the integral utilization of residues of treated wastewater and organic solid waste for the production of renewable energy and compost in Mafraq Governorate of Jordan project funded by the European Union.

Dr. Kamel Mahmoud, the Dean of Faculty of Agriculture at JUST pointed out the importance of this training in educating university graduates about the importance of biogas technology as one of the energy production sources. Talal Al-Fayez, on behalf of FAO Representative a.i in Jordan, said: “FAO estimates that one-third of the food produced for human consumption (about 1.3 billion tons) is lost or wasted each year, this leads to the loss of resources that contributed to its production such as water, seeds, fertilizers, feed, in addition to money and labor.”

JUST Secured A PRIMA Project On Trace & Trust Hubs For MED Food



JUST secured its first PRIMA project on Trace & Trust Hubs for MED food (Med Food TTHubs). The project will focus on Mediterranean food products as key points in the reform of tracing and authenticity procedures of traditional Mediterranean foods, adding value to high quality food products by providing documented traceability of the whole “seed-to-shelf” supply chain, through proofs of authenticity for final products and ingredients and including detailed information on the nutritional profile of the product. Therefore, the aim of the Med Food TTHubs is i) the establishment and ii) the pilot operation of seven Trace & Trust Hubs, which will form a permanent transnational network playing the role of a one-stop-shop for traceability and authenticity for ‘added value’ Mediterranean food products in each of the countries involved, which include, in addition to Jordan, Greece, Italy, Spain, Portugal, Egypt, and Tunisia.

Prof. Sa’eb Khresat, JUST President, showed his appreciation to the EU funding agencies, which provided funds for most of Jordanian Universities to modernize their curricula and improve their teaching methodologies.

Prof. Fahmi Abu Al-Rub, Jordan Coordinator of the project, indicated that the Med Food TTHubs project will support the implementation of full-path tracing practices through the whole distribution channel from seed to shelf. For that purpose, Abu Al-Rub said that the Med Food TTHubs will develop

and support the operation of a “Voluntary Scheme of Traceability (VST) of MED foods”, which will be a common protocol for the network of these Hubs, acting as a point of reference for the products of the different involved areas. This protocol will include detailed guidelines, audit procedures and KPIs in relation to practices and processes towards traceable, authenticated and of high nutritional quality products

<https://jordantimes.com/news/local/just-secures-prima-project-supply-chain-traceability>



Faculty of Pharmacy at JUST Participates in a Global Virtual Education Program Hosted by University of North Carolina Eshelman School of Pharmacy



Eight students from the Faculty of Pharmacy had participated in a virtual education program hosted by the University of North Carolina Eshelman School of Pharmacy in the United States. Pharmacy students from JUST attended one-week virtual education program entitled: “Innovations and Transformations in Pharmaceutical Sciences 2020: Overview to discovery, delivery, and clinical use of drugs and vaccines.” From July 6th-10th. The students described this as a very rewarding experience which gave them the opportunity to explore new areas in cancer research, drug delivery, and scientific writing.

This invitation from the University of North Carolina Eshelman School of Pharmacy was arranged by Dr. Stephen F. Eckel, an Associate Dean and Director of Global Engagement at North Carolina Eshelman School of Pharmacy and the Dean of Pharmacy Dr. Sayer Al-Azzam.

Transboundary Hydro-Governance and the MENA Region” Workshop at JUST



A three day workshop focused on transboundary water governance at JUST, utilizing the latest videoconference platforms as is the new normal during global COVID-19 mitigation strategies. The online workshop is one of a series of workshops designed to build knowledge and capacity for participants, as well as promote integrated management of transboundary water resources, with specific focus on international water law and water diplomacy.

Prof. Sa'eb Khresat, JUST President, opened the workshop with the announcement of university's newest dedicated thematic institution, the Water Diplomacy Centre (WDC), which was established at the end of 2019 with the generous support of the Swiss Agency for Development and Cooperation (SDC) as part of its vast number of Blue Peace initiatives.

The Dean of the College of Engineering and the Director of the WDC, Prof. Suhil Kiwan, also spoke about the vision of the Centre in addressing the uncoordinated use of shared water resources, as well as the future aspirations that the WDC seeks to become a regional center for coordinating research and studies and to provide knowledge building workshops in the field of water and diplomacy in the Middle East. Prof. Kiwan further emphasized that the center aims to update the knowledge and enhance the ability of decision-makers in addressing issues related to integrated water resource management and transboundary cooperation as part of the regions commitment to fulfill the Sustainable Development Goal ("Ensure availability and sustainable management of water and sanitation for all").

JUST Erasmus Experience

Nahla Jiroudi a student of Biomedical Engineering shared her Erasmus experience in Iceland at Reykjavík University - Spring Semester 2019

“I spent one semester in Reykjavik, Iceland which is not a normal country for exchange students and a fact it took me a while to make this decision and go for it! This experience had a great impact on me and my life, Erasmus experience will affect you no matter what and will let you learn lessons and to have a more mature look into life. So wherever you go, go with all your heart, meet new friends and live your own experience. My experience in Iceland was very wonderful and very scary at the same time, going to a new country with a very different atmosphere was not easy at all, but it was a great thing that I will never regret it! People in Iceland were very friendly and this chance let me meet and create a small family in every part of the world and believe me the hardest part was leaving them





and say goodbye. Learning from a different place and see how the world is developing will give you the incentive to work hard to reach your goals. Finally, one valuable advice is to stick to your beliefs and take every chance you get in life because some things only happen once”.

What is the Erasmus+ ICM program?

Erasmus+ International Credit Mobility program is an exchange program funded by the European Union. It allows students from Jordanian Higher Educational Institutions to spend part of their studies in another higher education institution (HEI) in Europe for a maximum of two semesters. Students receive fund to cover their mobility expenses (Travel expenses and monthly allowance). The International Relations Office at JUST manages the mobility program at JUST.

Be the next and join the mobility program. Calls are published at the beginning of each semester by email and through the IRO social media platforms.

#JUST_Humans_of_Erasmus



Academic Promotions



Prof. Hanan Suliman Al-Nimry
Faculty of Engineering
Department of Civil Engineering
Professor



Prof. Khalid Ahmad Ghuzlan
Faculty of Engineering
Department of Civil Engineering
Professor



Dr. Rabah Mohammed Al Abdi
Faculty of Engineering
Department of Biomedical Engineering
Associate Professor



Prof. Mwaffaq A. El-Heis
Faculty of Medicine
Department of Diagnostic Radiology and Nuclear Medicine
Professor



Dr. Nour Nizar Abdo
Faculty of Medicine
Department of Public Health
Associate Professor



Dr. Tagleb S. Mazahreh
Faculty of Medicine
Department of General Surgery and Urology
Associate Professor



Dr. Ziyad M. Mohaidat
Faculty of Medicine
Department of Special Surgery
Associate Professor



Prof. Rima A. Safadi
Faculty Of Dentistry
Department of Oral Medicine and Oral Surgery
Professor



Prof. Fadia Abdallah Mayyas
Faculty of Pharmacy
Department of Clinical Pharmacy
Professor



Dr. Ahmad Abdel-Karim Al-Azayzih
Faculty of Pharmacy
Department of Clinical Pharmacy
Associate Professor

Academic Promotions



Dr. Osama Yousef Alshogran
Faculty of Pharmacy
Department of Clinical Pharmacy
Associate Professor



Dr. Khulood K. Shattnawi
Faculty Of Nursing
Department of Maternal and Child Health Nursing
Associate Professor



Prof. Maher Jamal Tadros
Faculty Of Agriculture
Department of Natural Resources and Environment
Professor



Dr. Hadil Shafee Subih
Faculty Of Agriculture
Department of Nutrition and Food Technology
Associate Professor



Prof. Sameeh M. Abutarbush
Faculty Of Veterinary Medicine
Department of Clinical Veterinary Medical Sciences
Professor



Prof. Mohammad Khalifa Al-Omari
Faculty Of Science And Arts
Department of Humanities
Professor



Prof. Mohammad Yousuf Ahmed
Faculty Of Science And Arts
Department of Mathematics and Statistics
Professor



Prof. Suhail Mohammad Khasawneh
Faculty Of Science And Arts
Department of Humanities
Professor



Prof. Eyad Salah Taqieddin
Faculty Of Computer & Information Technology
Department of Network Engineering and Security
Professor



Dr. Ahmad i. Al-Aiad
Faculty Of Computer & Information Technology
Department of Computer Information Systems
Associate Professor

Academic Promotions



Dr. Fadwa Ahmad Khwaileh

Faculty of Applied Medical
Sciences

*Department of
Rehabilitation Sciences*

Associate Professor



**Dr. "Muhamad Ali " Khalil
Shakhathreh**

Faculty of Applied Medical
Sciences

*Department of Medical
Laboratory Sciences*

Associate Professor



Dr. Mazin T. Alqhazo

Faculty Of Applied Medical
Sciences

*Department of
Rehabilitation Sciences*

Associate Professor



Dr. Mohammad A. Rawashdeh

Faculty Of Applied Medical
Sciences

*Department of Allied
Medical Sciences*

Associate Professor



Prof. Hikmat H. Ali

Faculty Of Architecture
And Design

Department of Architecture

Professor



Alumni Story



I have always loved computers, I studied computer engineering at Jordan University of Science and Technology, I used to help my colleagues with C++ programming before every class.

In my first year, I have been selected by Google to be the first Google Student Ambassador (GSA), after extensive training at Google's office, where I learned to communicate and talk to audience. I formed with my team the "Google Club", where we worked hard to organize activities and events about leveraging technology in daily academic life.

In our first event I spoke to 2000 attendees including my lecturers, chairman, and professors about "advanced search tactics", then 220 students registered to use Google technologies for research and education. The next year we had 6 ambassadors from my team who got influenced during our work together, and 4 the following year, so we established the biggest Google technologies community in the country.

Later I started to leverage my experience in technology, engineering, and entrepreneurship to invent creative solutions, then I invented ClevG (Clever

Gas), a smart device to track cooking GAS cylinders and automatically order to refill, so people never run out of GAS in the middle of cooking! me with my team got the first place award in Intel makers competitions, and also first place award in AINAC competitions (MENA region), then I represented Jordan in



the Global Innovation Through Science and Technology competition at Stanford, I have got the 3rd worldwide award after a huge support from different bodies, the biggest was from Queen Rania of Jordan, she gave me the full support ,also she invited Jordanian youth to be influenced by my success story. Next year I became a mentor in the same competition. Now I work as a Senior IoT (Internet of Things) System Engineer (Applied



R&D). I have built an experience in systems architecture and design for the smart home, city, industry 4.0. My job is to invent solutions using high tech systems for making people's life's better in different aspects. I always make sure to take part as a speaker, a mentor in all technology events, to encourage youth and fresh graduate to lead in such cutting-edge technology of IoT and smart living.

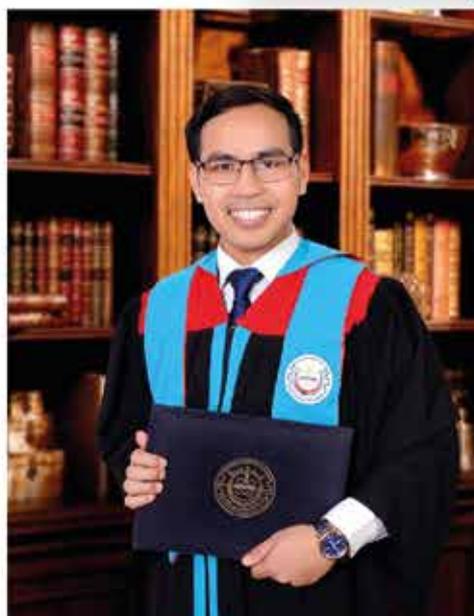
Layth Hamad



International Student Station

It's been six years. A roller coaster journey, it's not easy to live in a foreign country, completely different region different language and different culture. But we still share the same beliefs, same goals to succeed in our life. That's unite us together.

This journey was not easy but after all it's all worth it. I still remember when I'm the only non-Arabic speaker in Biology class during first year, the Doctor had to reach me out personally to make sure I'm on the same track with others. The kindness of him that I will never forget.



But it's the only the hard part during that time. The language can be learn. The daily living taught me a lot about cultures, language, how to eat "mansaf", how to dance "dabkeh", how to greet people. Six years passed by so fast, if only I could stop time, I would create more memories with my friends in the campus. I'm so grateful to be a part of JUST community, I met a lot of kind and big hearted people from around the world.

Thanks to all my dearest friends, loveliest Doctors and JUST officers that help me a lot along this memorable journey. I enjoyed every moments here.

Dr. Azmani Fauzi
Faculty of Medicine
Malaysia

Vision

An internationally renowned university in educational quality, knowledge creation and dissemination, and community leadership and development.

Mission

Provide high caliber educational and professional services that contribute to knowledge progress and dissemination and lead and develop communities and humanity at large in addition to creating scientific and technological environments that are conducive to excellence and initiating local and global partnerships to eventually prepare distinguished graduates who appreciate diversity and are capable of life-long learning and contribute to sustainable development.

Strategic Goals

- Create a multicultural environment that satisfies the expectations of all students, nurtures students' activities, and enhances their spiritual and moral values.
- Achieve national and international accreditation in all programs and academic fields.
- Implement undergraduate and graduate programs that meet market needs.
- Develop advanced technologies such as nanotechnology and nuclear energy.
- Apply total quality management in the administrative, technical and financial services offered by the university.
- Secure funds for basic and applied research projects particularly those serving emerging scientific and technological areas and encouraging innovation, creativity and excellence.
- Increase university revenue and manage its expenditure to achieve financial independence and stability.
- Adopt policies and procedures to transform JUST to a "green" and "smart" campus.

Values

- Respect of Stakeholders.
- Commitment.
- Integrity.
- Transparency.
- Responsibility.
- Leadership and Teamwork.
- Quality and Excellence.



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