With the shift towards remote working and online learning, online events such as workshops and webinars have become a great asset to utilize time efficiently and develop personal and professional skills. This issue of the Research @ Glance E-Newsletter highlights the various online research events that took place during the month of April and features the Fourth International Conference on Arabs’ and Muslims’ History of Sciences under the Theme “Scientific Legacy and its Contemporary Impacts”.

Prof. Maamar Bettayeb
Vice Chancellor for Research & Graduate Studies
Winning & Successful Stories

1- IEEE Journal of Systems Best Research Paper Award Winner

A research study from the University of Sharjah entitled “Adaptive Network Frequency Support Mechanism for Energy Management in Cloud Data Centers” wins the Best Research Paper Award for 2021 from the IEEE Journal of Systems presented by Prof. Mohammad Obaidat, Dean of the College of Computing and Informatics. This achievement is important at the scientific and research level due to the intense competition between researchers from different countries of the world, as this year five research papers out of the 536 papers published in the journal received an award.

2- Best Paper in the International Conference on Control, Automation and Robotics, ICCAR 2021

Dr. Raouf Fareh, Associate Professor, Electrical Engineering Department receives Best Paper Award for the research study titled: Multiple Manifold Types of Synergetic Control Applied on a 4-DOF Robot Manipulator conducted by Master students Asma Almheiri and Saif Sinan under his supervision. The Co-authors included: Asma Almheiri, Saif Sinan, Dr. Raouf Fareh and Prof. Maamar Bettayeb.

3- Master Graduate from UoS Receives Second Place for Best Master’s Thesis in AI Among Arab Universities

Balsam Alkouz, Computer Science master graduate from UoS receives second place for best master’s thesis in AI among Arab universities in the Association of Arab Universities Award for her master thesis titled “SNSJam: Road traffic analysis and prediction by fusing data from multiple social networks” supervised by Prof. Zaher Al Aghbari. Through the work done in her thesis she was able to publish a Journal paper and an IEEE conference paper.

4- University of Sharjah Signs a Memorandum of Understanding with Fakeeh University Hospital

The University of Sharjah signed a Memorandum of Understanding with Fakeeh University Hospital. Prof. Qutayba Hamid, Vice Chancellor for Medical Colleges and Health Sciences and Dean of the College of Medicine, signed the MoU along with Dr. Fatih Mehmet Gul, CEO of Fakeeh University Hospital. The MoU aims to enhance cooperation between the two parties in academic education, exchange of scientific and medical expertise, and practical training for students at the College of Medicine. As well as cooperation in scientific research that contributes to social and economic development and the provision of health care to the community.
5- The University of Sharjah Signs a Joint Memorandum of Understanding with the Landquist Institute (Harbor-UCLA) in the USA

The University of Sharjah signs a joint memorandum of understanding with the Landquist Institute (Harbor-UCLA) in the United States of America. The MoU aimed to achieve the following goals: mutual academic cooperation, exchange of research expertise, development of treatments, development of medical diagnostic programs, transfer of medical technologies and technologies in related fields, the establishment of a research and educational exchange programs for faculty, graduates, and graduate students, collaborating on research projects and scientific publication.

6- Announcing the Winners of the “Youth Sustainability Competition”

The College of Business Administration organized the 1st International Forum on Sustainable Development and Sustainable Innovations. This under the theme: “Business for Sustainable Development: Moving Towards Business Models of a Circular Economy.” The forum aimed to bring together scholars, business leaders, and experts to discuss how businesses in the UAE can seize new opportunities and gain competitive advantage through circular economy solutions and how the circular economy can contribute to achieving the UN Sustainable Goals.

The symposium covered four main themes: UN Agenda 2030 – Sustainable Development Goals, Circular Economy, New models for energy efficiency, Educate for Sustainable Development: “Youth Sustainability Competition.”

During the concluding activities of the Forum, the College announced the winners of the Youth Sustainability Competition, and Bee’ah, the Competition sponsor, presented the winners for prizes amounting to 25 thousand dirhams.

Farida Abdul Al-Tawab, Jana Muhammad, Tima Louai, Mannat Allah Adel, and Abeer Zafer from the College of Fine Arts and Design won first place for the project: “The Art of Recycling.”

Khadija Al Ali, Reem Al Suwaidi, and Amna Butti from the College of Engineering won second place for the project: “Oil Bio-Production using plastic remnants and date kernels.”

Salma Ihab, Ryan Kasih, Anna Willian, Julian Gillen, and Maitha Al Rumaithi from the Colleges of Sciences, Health Sciences and Engineering won third place for the project: “Anaerobic Digestion.”

Finally, students Rabia Sultan, Sherifa Al Shehhi, and Sabira Bukhari from the Colleges of Business Administration, Humanities and Sciences won fourth place for the “Facilitated Summit” project. The fifth place went to the project submitted by students Arwa Bashir, Maryam Murad, and Abdul Rahman Allan from the Colleges of Science, Engineering, Fine Arts and Design.

Research Highlights

1- Hope for Diabetics

Dr. Jalal Taneera, Assistant Professor, College of Medicine was featured in an article in the Al Bayan newspaper for his research work on Diabetes. The article highlighted the two aspects of diabetes that Dr. Jalal is interested. This included discovering new genes related to diabetes and understanding the way these genes and the psychology of this disease work. Although it is known that diabetes is primarily a hereditary disease, the genetic background of the disease has not yet been completely uncovered, therefore there is a great need for research to better understand the genetic causes of diabetes.
2- Your Dietary Pattern: is it by Choice or Fate?

A team of researchers at the University of Sharjah consisting of Dr. Maha Saber from the College of Medicine and Dr. Farah Naja and Dr. Hadia Radwan from the College of Health Sciences conducted a study on the effect of one’s genes on their choice of dietary pattern. The two genes selected for the study were FTO and FGF genes, which are known for their association with obesity and food preference. Based on Emirati adults participating in the study, three main patterns were found: Western diet, rich in fast foods, sweets and processed meat; the Traditional Emirati diet rich in vegetables, traditional Emirati-mixed-dishes, and whole dairy and the last pattern was a Prudent diet consisting of whole grains, low fat dairy and bulgur. Subjects carrying the A allele of the FTO rs9939609 were 2.41 times more likely to adhere to the Western pattern compared to subjects with genotype TT. Compared with subjects with A/A, those carrying the G allele of the FTO rs9930506 were more likely to follow a Western diet. Participants carrying the risk allele (A) of the FGF21 rs838133 were twice more likely to adhere to the Traditional pattern as compared to subjects with genotype GG. The findings of this study suggested that the choice of specific dietary patterns is affected by our genetic makeup. This is the first study in the UAE and the Middle East region to investigate the association of specific genotypes with dietary patterns, especially that all available previous research in this field of study focused mainly on single nutrients.

3- Studying the Late Non-Physiological Impacts of Covid-19 on Radiography Education

Dr. Mohamed Abuzaid, Department of Medical Diagnostic Imaging, participated in a study on “Late Non-Physiological Impacts of Covid-19 on Radiography Education”. Studies in this field have received positive responses by universities through the adoption of synchronous and asynchronous online education and additional simulation activities to replace lost clinical time. This study discussed the long-term questions that have not yet been published/investigated, to address demands on staff and students during pandemic recovery and the continued effects of the pandemic on radiography education.

4- Concentrated Photovoltaics as Light Harvesters: Outlook, Recent Progress, and Challenges

Dr. Zafar Said, Assistant Professor at the Department of Sustainable and Renewable Energy Engineering, conducted a study on Concentrated Photovoltaics. Through this study, Dr. Zafar presented a brief lookback of the different types of concentrated photovoltaics as well as comprehensive details about cooling techniques used for thermal management of CPV based applications. The study also discussed various challenges and opportunities of CPV technology.
Research Events and Workshops

1- The Arab Planetariums Society Holds its “First Arab Planetariums Forum”

Under the patronage of His Excellency Prof. Hamid M.K. Al Naimiy, Chancellor of the University of Sharjah, President of the Arab Union for Astronomy and Space Sciences (AUASS), and General Director of the Sharjah Academy for Astronomy, Space Sciences, and Technology (SAASST), the Arab Planetariums Society held its “First Arab Planetariums Forum” in cooperation with the Arab Union for Astronomy and Space Sciences and SAASST at the University of Sharjah.

Being the first of its kind in the Arab World, the Forum aimed to provide a scientific and technical platform to support Arab planetariums through the exchange of knowledge, experiences, and future aspirations between planetariums, supervisors and operators.

2- 11th Research Café: The Effects of Covid-19 on Scientific Research in the Humanities and Social Sciences

As part of the “Research Café” initiative organized by the Research Outreach Department, Office of the Vice-Chancellor for Research & Graduate Studies. Prof. Faker AL Gharaibeh, Acting Director of the Research Institute of Humanities & Social Sciences (RIHSS), during the 11th Research Café, presented a lecture entitled: “The Effects of Covid-19 on Scientific Research in Humanities and Social Sciences”.

The seminar addressed the importance of the humanities and social sciences, with the variables of human behavior in light of the decline in the mental health of individuals and community challenges during the pandemic period. Prof. Faker also discussed how Covid-19 has contributed to promoting scientific research and publishing pathways in humanities, social sciences, and research development in multiple disciplines.

3- A Scientific Lecture in the Proportion of Manuscripts for their Authors - Rooting and Acting

The research group specialized in modern studies at the Research Institute of Humanities & Social Sciences (RIHSS) at the University of Sharjah in collaboration with the Islamic Manuscript House at Al-Qasimiyah University organized a scientific lecture entitled “The proportion of manuscripts for their authors - rooting and acting”. The workshop was presented by Dr. Abdullah bin Mohammed Al-Saidi where he discussed the importance of preserving and studying heritage.

4- Sharjah Forum for Determining the Beginnings of Ramadan and Shawwal 1442 AH

Under the patronage of His Excellency Prof. Hamid M.K. Al Naimiy, Chancellor of the University of Sharjah, President of the Arab Union for Astronomy and Space Sciences (AUASS), and General Director of the Sharjah Academy for Astronomy, Space Sciences, and Technology (SAASST), SAASST held the “Sharjah Forum for Determining the Beginnings of Ramadan and Shawwal 1442 AH” on Sunday, April 11th, 2021.

The Forum aimed to introduce the methods and means of observing the crescent of Ramadan, the conditions for seeing the crescent from the religious and scientific perspectives, and the visual observation compared to the astronomical calculation and modern standards. The Forum also covers topics such as the importance of astronomical calculation in observing Ramadan and Shawwal’s crescents, the different criteria used to set the beginning of the Islamic months, and the need to have a standard Islamic calendar for the Muslim world. This in addition to various educational topics and dialogue sessions presented by several experts and specialists in this field in the United Arab Emirates.
5- Introducing Open-Source Cloud Computing

The Research Outreach Department at the University of Sharjah organized a workshop to introduce a premier cloud native education program. This in cooperation with SUSE, a global leader in innovative, reliable and enterprise-grade open source solutions. Prof. Maamar Bettayeb, Vice Chancellor for Research and Graduate Studies, attended the workshop along with and Dr. Manar Abu Talib, Chair of Research Outreach Department at the University of Sharjah. The workshop shared information about the technical knowledge and skills learners will acquire in the new Cloud Native Application Architecture Nanodegree program from Udacity, presented by Brendan Bulmer, Program Director, and Ahmed Shawky, the technical team leader for the program in the Middle East from SUSE. Students in this program learn to run and manage scalable applications in a cloud native environment using open source tools. Introducing this self-learning program aims to provide students, and other aspiring technologist’s, with an affordable, efficient and practical skills-based training program that enables them to grow into high-paying, in-demand careers in the field of technology.

6- Laboratory Risk Assessment Workshop

The Central Laboratories Directorate organized an online workshop on the Laboratory Risk Assessment for laboratory staff, faculty, and researchers. The workshop aimed to enhance laboratory safety at UoS and guide the lab personnel on how to conduct suitable and sufficient risk assessment. Eng. Mahmoud Abu Shammeh, Central Labs Director and Mr. Rizwan Ali, CL safety officer, presented the workshop. They demonstrated the importance of risk assessment, how to identify the hazards and evaluate the risks and decide on the control measures to prevent or minimize the work-related accidents. The participants praised the information presented, which will contribute to enhancing their awareness of safety issues in laboratories.

7- Patient and Public Participation in Health Care Delivery Seminar

Sharjah Institute for Medical Research (SIMR) organized a seminar titled “Patient and public participation in health care delivery” by Dr. Catarina Samorinha, a Postdoctoral Research Associate and member of the Improving Health Care Delivery and Medicines Use Research Group. Dr. Catarina presented three studies related to patient-centered care in the United Arab Emirates (UAE). The first study aimed to assess COVID-19 vaccination acceptability among university students in the UAE. This mixed-methods study with 669 students at the University of Sharjah revealed a vaccine hesitancy of 31.8%, while 24.4% of the students had a high intention to be vaccinated and 43.8% were already vaccinated. The second study focused on shared decision-making (SDM) in the clinical context. This cross-sectional study aimed to assess Arabic-speaking patients’ preference for involvement in decision-making and characterize people who preferred to be involved in decision-making. Based on a sample of 516 patients with chronic diseases, this study showed that only one-in-four participants preferred SDM. The third study focused on one of the most prevalent chronic diseases in the Arab population, type 2 diabetes. It aimed to assess and compare diabetes distress (DD) and its association with medication-taking behaviours, glycaemic control, self-management, and psychosocial factors among first-generation Arabic-speaking immigrants (n=392) and English-speaking patients of Anglo-Celtic background (n=304) with diabetes. Through this multicenter cross-sectional study with 696 patients, it was concluded that compared with English-speaking patients, Arabic-speaking immigrants had higher DD, lower medication adherence, worse self-management and glycaemic control, and poorer health and clinical profile.
8- How to Use SCOPUS Database for Your Research

The Department of Foreign Languages at the College of Arts, Humanities and Social Sciences organized a webinar titled “How to Use SCOPUS Database for Your Research”. The webinar was delivered by Dr. Khaled Besbes who introduced SCOPUS, the largest abstract and citation database of peer-reviewed literature and provided a tutorial on how to use it efficiently. Graduate students and researchers were encouraged to attend to improve their research skills.

9- Content Analysis in Communication Research Workshop

The Graduate Program in the College of Communication organized a workshop titled “Content Analysis in Communication Research” delivered by Dr. Mohamed Ben Moussa, Assistant Dean of the College of Communication. Combining theoretical discussion and hands-on activities, the workshop aims to introduce graduate students and researchers to the foundations and applications of the content analysis research method in the field of media and communication studies.

10- Workshop on: “Strategies for Writing Literature Review and Referencing”

The Graduate Program in the College of Communication organized a workshop on “Strategies for writing Literature review and referencing”, dedicated to graduate students and presented by Dr. Thouraya Snoussi, Associate Professor in Mass Communication at the College. The first part of the workshop included fruitful information to help students understand what a Literature Review is, its purposes, and strategies for preparing an effective review, while the second part was reserved for referral methods. The workshop also highlighted the APA style of referencing as it is most commonly used in the social sciences.

11- Second Research Forum: AI in the Mass Media

The Society of Mass Communication (English) in collaboration with the CCIA and the ACM student branch at UoS organized the Second Research Forum: AI in the Mass Media. This Forum organized by students for students, had the theme “AI in Mass Media” where it covered several interesting topics such as AI in content creation, objectivity, update ability and predictive capabilities in AI, Image recognition and speech to text transcription, and the Future of AI in mass media.

12-Seminar on Blockchain for Sustainable Energy Management

The College of Computing and Informatics organized a seminar on “Blockchain for Sustainable Energy Management” delivered by guest speaker Dr. Aloqaily, Director of Cyber Security program at the College of Engineering - Al Ain University. Dr. Aloqaily discussed the continuous global reliance on fossil fuels since 1965 to date, depleting these natural resources, hence creating the need to look for innovative technologically backed sustainable solutions for the future. During the seminar, Dr. Aloqaily presented several paradigms that are currently in use globally and in the UAE with a focus on Block Chain, such as the Etisalat mega project to revolutionize HR empowered system based on Block Chain as a distributed open system.
13- DistressNet-NG: A Resilient Broadband Communication and Edge Computing Framework

The College of Computing and Informatics organized a seminar titled “DistressNet-NG: A Resilient Broadband Communication and Edge Computing Framework” by Dr. Ala Altaweel, Assistant Professor in the Computer Engineering Department at the University of Sharjah. Dr. Ala explored the need for public safety communications that require stricter guarantees from the network than commodity Internet while the communications infrastructure is not readily available during the response to an incident or disaster. Through the seminar, Dr. Ala presented part of his research on creating different DistressNet-NG solutions and its critical role during and post catastrophic conditions like hurricanes to build a reliable network for several entities in the search and rescue teams.

14- Introduction to Steganography Workshop

The Research Institute of Sciences & Engineering organizes a workshop titled “Introduction to Steganography” delivered by Mohammed Baziyad, Research Assistant in the Autonomous Robotics & Active Vision (ARAV) Research Group. Due to the increased utilization of insecure public networks to send critical secret messages, steganography techniques have shown growing interest due to the security advantages of steganography techniques compared to encryption techniques. This session introduced some steganography concepts with some practical implementations using MATLAB.

15- Participating in World IP Day 2021 Sessions Organized by Dubai Police Market

Dr. Mohamed Al Hemairy, Head, Technology Transfer Office, Office of the Vice-Chancellor for Research & Graduate Studies. Participated As a keynote speaker at one of the video sessions on World IP Day 2021, which Dubai Police organized. The theme was “SMEs and the role of intellectual property in building local, national businesses.”

16- University of Sharjah Participates in the MoE Virtual Talk on “How to Get Published in High-Impact Journals”

The University of Sharjah participated in the third talk of the series of virtual events organized by the Ministry of Education featuring dynamic research topics taking place in the UAE’s accredited universities. This series seeks to highlight promising academic research and explain its scope and impact in a way that is interesting and relevant to the public. In this talk, Dr. Basema Saddik, Associate Professor in the Department of Family and Community, and Dr. Abdul Ghani Olabi, Head of Sustainable Renewable Energy – Department of Engineering at the University of Sharjah, discussed important aspects of publishing in high impact journals followed by a Q&A session to answer questions by the attendees.
1- Six Golden Rules Before you Start Writing Scientific Research Papers Workshop

Dr. Manar Abu Talib, Associate Professor from the College of Computing and Informatics and Chair of Research Outreach Department delivered a workshop titled “Six Golden Rules before you Start Writing Scientific Research Papers” as part of the series of workshops organized by the College of Graduate Studies. Through this workshop Dr. Manar introduced graduate students to the importance of publishing research papers and shared the following six rules that must be considered while writing a research paper: is my research work publishable, what is the type of my research, is the target conference/journal, what are the conference/journal requirements, what is the structure of my research paper and publication ethics.

2- Workshop on Selecting the Title of Research Papers, Constructing a Research Plan, and Collecting Needed Material

Organized by College of Graduate Studies, Dr. Hasan Salem Habshan, Associate Professor, College of Shari’ah and Islamic Studies delivered a workshop to graduate students on selecting the title of research papers, constructing a research plan, and collecting needed material. The workshop discussed conditions that must be met while selecting a topic as well as whether a researcher is qualified to tackle this topic. Dr. Hasan also shared the steps for constructing a research plan and how to set suitable milestones. The workshop was concluded by sharing several resources for gathering information needed for writing research papers.

3- Workshop on Research Paper Style, Language, and Eliminating Flaws

Dr. Hasan Salem Habshan, Associate Professor, College of Shari’ah and Islamic Studies, delivered a Graduate Studies workshop on the style and language used while writing a research paper as well as some flaws that can occur during the writing process and how to avoid them.

4- Workshop on Research Paper Structures and Forming Research Questions

The College of Graduate Studies organized a workshop on research paper structures and forming research questions delivered by Dr. Mohamed Semai, Associate Professor, College of Shari’ah and Islamic Studies where he shared the details that should be included in each section of a research paper.
5- Journal Publication Skills – Getting your Journal Articles Published

Prof. Kirk Chang, Professor, College of Business Administration delivered a workshop organized by the College of Graduate Studies titled “Journal Publication Skills – Getting your journal articles published”. The workshop shared insightful information on the different type of journals and their ranking as well as other criteria to consider when selecting a journal to publish in. He also shared tips on how to make an article attractive to the chosen journal and concluded the workshop with some advice on the importance of finding balance in an academic career.

6- Workshop on Citation and the TurnItIn Program

The College of Graduate Studies organized a workshop on Citation and the TurnItIn program in the presence of H.E. Prof. Hamid Al Naimiy, Chancellor of the University. Through this workshop Dr. Rafat El-Awady, Dean of College of Graduate Studies and Dr. Ali Bou Nassif, Assistant Dean of Academic Graduate Affairs, announced the incorporation of the TurnItIn Program for checking for plagiarism. This program solves a major issue faced while checking for plagiarism in Arabic documents due to its large database of Arabic material. After a brief introduction on the process of citation by Dr. Rafat, Dr. Ali Bou Nassif delivered a detailed tutorial for faculty and students on how to use TurnItIn for submitting reports.

7- Workshop on Writing a Thesis Dissertation

Dr. Mohamed Semai, Associate Professor, College of Shari’ah and Islamic Studies delivered several workshops organized by the College of Graduate Studies to graduate students explaining the entire process of writing a thesis. Through these workshops Dr. Mohamed discussed the following topics: thesis structure, selecting a topic and forming research questions, reputable resources for gathering information, the importance of having a clear road map as well as common mistakes that might occur and how to avoid them.

8- Research Communications Workshop

Dr. Narjes Haj Salem, College of Business, delivered a workshop organized by the College of Graduate Studies on research communication. In this workshop Dr. Narjes explained the structure of a master and PhD thesis paper and provided samples and helpful tips to for writing each section. She also highlighted some common mistakes students commits while writing the thesis and how to avoid them.

9- How to Complete Your Graduate Degree Successfully, Tips and Practical Examples

Prof. Ahmed Al-Shammaa, Dean of College of Engineering delivered a graduate studies workshop on how to complete a graduate degree successfully. Through this workshop Prof. Ahmed discussed the motivation behind persuing a graduate studies degree. He also listed several challenges students might face during this journey and provided tips and examples on how to overcome them to gain the most out of the degree.
Research Meetings & Visits

1- The 1st Virtual Sharjah-Lübeck Dual Degree Program Scientific Retreat

The joint scientific committee between the University of Sharjah and University of Lübeck in Germany held the “1st Virtual Sharjah-Lübeck Dual Degree Program Scientific Retreat” to discuss and present the ideas and research projects submitted by researchers in the joint PhD program in the field of molecular medicine for the academic year 2020/2021. The scientific retreat also aimed to exchange experiences, information, and ways of scientific development, in various medical disciplines, particularly in molecular medicine between the two universities.

2- The 1st Annual Meeting of Basic Medical Sciences Research

Dr. Jibran Sualeh Muhammad and with assistance from Dr. Khuloud Bajbouj, both from the College of Medicine, successfully organized the 1st Annual Meeting of Basic Medical Sciences Research on April 6th, 2021. This online meeting was attended by more than 80 participants from many different colleges within the University of Sharjah as well as many participants from Universities outside the country. Organized under the patronage of Prof. Qutayba Hamid, VC of Colleges of Medicine and Health Sciences and Dean of College of Medicine, along with support from Prof. Azzam Magazachi, Assistant Dean for the Graduate Studies, and Dr. Adel Elmoselhi, Chair of Basic Medical Sciences. This meeting covered the latest scientific discoveries in cancer research, diabetes mellitus, and immune disorders. Talks were presented by faculty members and graduate students affiliated with the College of Medicine - University of Sharjah, and the Keynote presentation was given by Prof. Bassam Ali from UAE University.

3- Initiating a Collaborative Project Between Sharjah Government Media Bureau and RIHSS

The Research Institute of Humanities and Social Sciences (RIHSS) and Sharjah Government Media Bureau had a meeting to initiate a working plan for a collaborative research project on the development and assessment of communication and media skills within governmental organization. The meeting included Prof. Faker al Gharaibeh, Acting Director of the Research Institute of Humanities and Social Sciences (RIHSS), Huda Salem AlDah, Manager of Government Communication Department at the Sharjah Government Media Bureau, Dr. Khayrat Ayad, Head of Public Relation Department at the College of Communication, and Dr. Manar Abu Talib, Chair of Research Outreach Department.

4- Meeting with General Civil Aviation Authority (GCAA) for Discussing New Research Project

The Aerospace Center of Excellence at the University of Sharjah conducted a meeting with the General Civil Aviation Authority (GCAA) to discuss a new research project on Quadcopters Automation. During the meeting, a team of researchers provided an overview on the automation problem and shared the project progress as well as the tools needed for executing the project.
Under the Patronage of His Highness the Ruler of Sharjah:

The Fourth International Conference on Arabs’ and Muslims’ History of Sciences Launches Under the Theme “Scientific Legacy and its Contemporary Impacts”

Under the patronage of His Highness Sheikh Dr. Sultan bin Mohammad Al Qasimi, Member of the Supreme Council, Ruler of Sharjah, and President of the University of Sharjah the launched the activities of the Fourth International Conference on Arabs’ and Muslims’ History of Sciences, organized by the College of Science under the umbrella of the Sharjah International Foundation for the History of Arab and Muslim Sciences (SIFHAMS) at the University of Sharjah, under the theme: “Scientific Legacy and its Contemporary Impacts.” This in cooperation with the University of Cologne in Germany and King Abdulaziz University in the Kingdom of Saudi Arabia. Scholars, researchers and directors of universities, research centers, libraries and international museums, participated in the Conference and the number of registered participants reached more than 900 participants from more than 40 Arab and Islamic countries and other countries from all over the world. The Conference activities lasted for three days through the virtual communication platform Zoom.

The Conference included 21 scientific sessions during which more than 130 scientific and research papers were presented by distinguished scholars, specialists and graduate students who work in various fields of applied sciences, engineering, medical, health, humanities and social sciences. The scientific papers were also characterized by diversity, which revolve around embodying the achievements and innovations of early Muslim scholars in all applied sciences, engineering, medical, health, humanities and architecture.

In his speech during the Conference, His Excellency Prof. Hamid M.K. Al Naimiy, Chancellor of the University of Sharjah, extended his thanks to His Highness the Ruler of Sharjah on behalf of the University family, the Conference organizing committee, and participants for sponsoring and supporting the Fourth International Conference on Arabs’ and Muslims’ History of Sciences. His Highness’ support, he added, highlights the important role of Arab and Islamic scientific and cultural legacy in building the scientific foundations for global developments. It also highlights the role of His Highness as a beacon of supporting and building cultural and scientific knowledge edifices nationally and internationally.

The Fourth International Conference on Arabs’ and Muslims’ History of Sciences, he continued, held by the University of Sharjah and SIFHAMS constitutes a new scientific achievement and another link in the series of its initiatives for scientific and knowledge progress and development. This Conference links the present and future of the nation with its glorious scientific and knowledge past. The University and the Foundation assure all thought leaders that the sources of scientific originality and creativity have overflowed from Arab and Islamic civilizations and environment. The scientific knowledge and development the world is witnessing today, he added, is due largely to the knowledge treasures of Arab and Muslim scholars. The University of Sharjah and SIFHAMS continuously work to link these global scientific developments with their Arab and Muslim origins to inspire and enrich the cultural and scientific arena.

The Chancellor stressed the importance of this scientific event, which will contribute to clarifying the role of early Arab and Muslim scholars in scientific development and preserve the Muslim civilization’s rich scientific heritage. It will contribute to building the current and future generations intellectually on the constants of that heritage and its original values, so that they believe in the transcendence and magnification of their religion that built one of the best civilizations.

The Fourth International Conference on Arabs’ and Muslims’ History of Sciences at the University of Sharjah resulted in the following recommendations:

- Relay the Conference recommendations to the Sharjah International Foundation for the History of Arab and Muslim Sciences to follow up on their implementation
- Translating scientific research and publishing it in an international journal
- Forming a working group to monitor, digitize, verify, and publish manuscripts dealing with medical research and studies
Editorial Team

Editorial’s Team Note:
We are delighted to introduce you to UOS Research Newsletter, which keeps you and the society posted with up-to-date research news and activities of our prominent Faculty Members and Students at the University of Sharjah. Therefore, we invite you to share your research achievements and contributions to be posted in our future periodical issues and highlight them to our colleagues and the society.

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