

التقدم العلمي

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43rd Kuwait Prize
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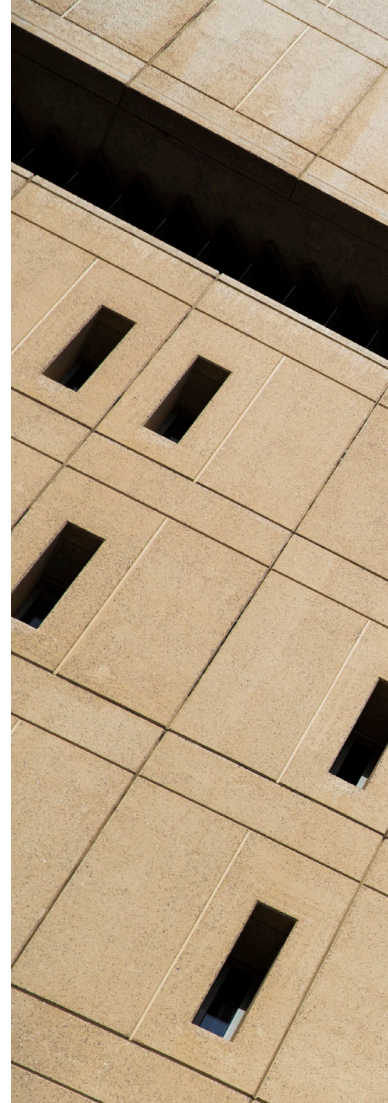
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Kuwait Prize and Jaber Al-Ahmad Award: Inspiring the Future of Science

It gives me great pleasure to present this special Prizes Issue 2025, celebrating the distinguished achievements of scientists and researchers who have made significant contributions to knowledge, innovation, and human progress. Through the Kuwait Prize and the Jaber Al-Ahmad Award for Young Researchers, KFAS continues to honour excellence and support scientific discovery that benefits humanity.

These awards reflect our belief that science and innovation are the cornerstones of sustainable development. Each laureate's work embodies creativity, perseverance, and a border-transcending vision, reinforcing Kuwait's role as a regional hub for scientific excellence.

On behalf of KFAS, I extend heartfelt congratulations to the winners and sincere gratitude to the scientific committees for upholding the integrity and prestige of these elite awards. Let us collaborate to advance science, technology, and innovation for a resilient and sustainable future.

Ameenah Farhan
Director General

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The Kuwait Foundation for the Advancement of Sciences (KFAS) Announces the Winners of the 43rd Kuwait Prize for 2024

Kuwait, July 9, 2025 –Kuwait Foundation for the Advancement of Sciences (KFAS) announced the names of the winners of the 43rd edition of the Kuwait Prize for 2024. The prize is awarded annually by the Foundation to Kuwaiti and Arab scientists who have made outstanding achievements and distinguished scientific and intellectual contributions in their research careers at the global level.

The Foundation said in a press release that the announcement of the award winners came after the award was approved by the Foundation's Board of Directors and Awards Council, based on the recommendations of the judging and selection committees for various award categories.

It stated that in the field of Basic Sciences - on the subject of Biological Sciences - the award went to Professor Ashraf Samir Ibrahim from the Hashemite Kingdom of Jordan, who serves as Director of the PhD Program in Translational Medicine at the Lundquist Institute at Harbor-UCLA Medical Centre, in the United States of America.

KFAS explained that Dr. Ibrahim has made distinguished scientific contributions in the fields of Applied Biology and Translational Medicine, through pioneering research aimed at developing innovative diagnostic and therapeutic solutions for chronic and complex diseases.

In the field of Applied Sciences - on the subject of Engineering Sciences, the award was jointly won by:

Professor Charbel Hanna Farhat (Republic of Lebanon), Professor of

Aircraft Structures and Aeronautics and Astronautics at the School of Engineering, Stanford University, USA, and Professor Khaled Qassim Latif (Republic of Tunisia), Dean of the School of Engineering, Hong Kong University of Science and Technology (HKUST, Hong Kong).

The Foundation noted that both winners have made pioneering scientific contributions in System Engineering, Communications, and Intelligent Design, which have had a significant impact on the development of advanced engineering industries globally.

In the field of Economic and Social Sciences - on the subject of Administrative Sciences - the award was jointly won by:

Professor Dima Mohammed Rashid Al-Jamali (Republic of Lebanon) the Vice President for Academic Affairs at the Canadian University Dubai and Professor Shawkat Mohammed Abdul Ghani Hamoudeh (Hashemite Kingdom of Jordan) a Professor of Economics and International Business at Drexel University in the United States.

The Foundation noted that the two researchers have distinguished themselves by their influential contributions to the fields of Governance, Sustainability, and Global Markets, through their solid research that has contributed to the development of management theories and their practical applications in contemporary economic environments.

In the field of Humanities, Arts and Literature, on the subject of The History of Civilizations and Human Thought, the

award was won by Professor Zidan Abdul Kafi Kafafi from the Hashemite Kingdom of Jordan, a Professor of Archaeology at Yarmouk University in Jordan.

The Foundation noted that Dr. Kafafi has made qualitative scientific contributions in the fields of Archaeology and Cultural History, enhancing academic understanding of the developmental trajectories of human societies in the Arab region.

It is worth noting that the Kuwait Prize was established in 1979, in line with the goals of the Kuwait Foundation for the Advancement of Sciences (KFAS) to achieve its objectives of supporting scientific research in various fields and to encourage Arab scientists and researchers. The prize is witnessing increasing interest from Kuwaiti and Arab researchers worldwide.

The award is given in five fields, four of which are annual: Basic Sciences, Applied Sciences, Economic and Social Sciences, and Arts and Literature.

The fifth award – in the field of emerging specialized sciences – is given every two years.



The Kuwait Foundation for the Advancement of Sciences (KFAS) Announces the Winners of the 35th Jaber Al-Ahmad Award

Kuwait, June 24, 2025 –Kuwait Foundation for the Advancement of Sciences (KFAS) announced the winners of the 35th Jaber Al-Ahmad Award for Young Researchers for 2024. The award is granted annually to Kuwaiti researchers with doctorates in recognition of their distinguished scientific contributions in their fields of specialization. The prize is worth 10,000 Kuwaiti dinars.

The Foundation said in a press release that the award was granted this year in four categories. The Engineering Sciences award went to Dr. Nasser Mustafa Abdul Nabi Al-Sayegh, an Associate Scientific Researcher at Kuwait Institute for Scientific Research and holder of a PhD from Cranfield University in the United Kingdom. He was awarded for his applied research in engineering fields, which provides innovative scientific solutions to technical challenges in various sectors.

In the field of Medical and Allied Health Sciences, the award was given to Dr. Ali Hussein Mansour Diab, an Associate Professor in the Department of Community Medicine and Behavioural Sciences at the College of Medicine at Kuwait University and holder of a doctorate from the University of South Carolina, USA. The award was given in recognition of his research in Clinical and Preventive Medicine, which contributes to the development of Health Services.

In the field of Social Sciences and Humanities, the award went to Dr. Maryam Ahmed Ali Al-Kandari, an Associate Professor in the Department

of Comparative Jurisprudence and Sharia Politics at the College of Sharia and Islamic Studies at Kuwait University. The award was given in recognition of her distinguished research, which contributes to enhancing scientific understanding of social and human issues relevant to Kuwaiti society.

The Foundation added that in the field of Administrative and Economic Sciences, the award went to Dr. Bader Saad Jassim Al-Hashel, who holds a doctorate from Indiana University in the United States of America and is the Head of the Risk Management Group at Boubyan Bank. He was granted the award for his valuable research contributions that enhance the development of economic and administrative thought in Kuwait and the region.

The Foundation explained that the award was withheld this year in the fields of Life Sciences, Natural Sciences, and Mathematics, as applicants in these two fields did not exceed the minimum points required according to the approved award criteria.

The Foundation concluded its statement by congratulating the winners, wishing them continued excellence and success, and affirming its unwavering commitment to supporting Kuwaiti researchers and encouraging them to continue their academic journeys in a way that serves society and contributes to achieving sustainable development.

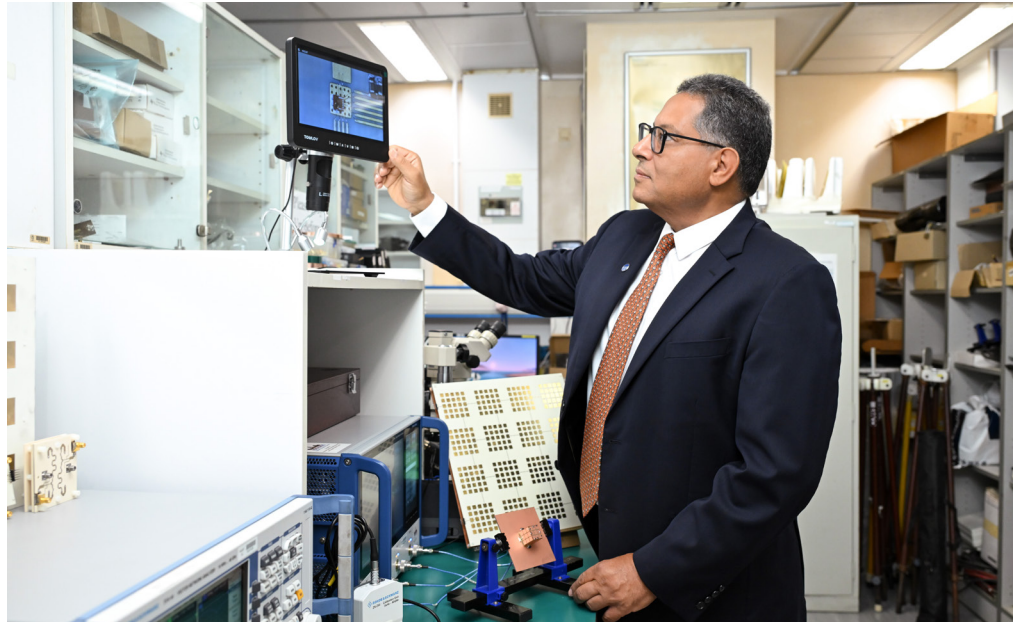
It's worth noting that Jaber Al-Ahmad Award for Young Researchers

was established in 1988, based on an initiative by the late Emir Sheikh Jaber Al-Ahmad Al-Jaber Al-Sabah (may God have mercy on him), with the aim of honouring young Kuwaiti scientists and encouraging them to innovate and excel in various fields of scientific research.

Professor Dr. Khaled Qasim Latif

A Pioneer in Communications Engineering
in the Age of Artificial Intelligence





In an era where communication technologies are accelerating and intertwining with artificial intelligence and cloud computing, Professor Khaled Qasim Latif stands out as one of the most prominent pioneers of this digital transformation. He is the winner of the 2024 Kuwait Prize in Applied Sciences for the topic “Engineering Sciences.” His academic career represents a bridge between theory and practice, between academic research and industrial impact.

Born in Tunisia, Prof. Latif received his higher education at Purdue University, where he earned Bachelor’s, Master’s, and doctoral degrees in Electrical Engineering. He then embarked on his academic career at the University of Melbourne and then moved to Hong Kong University of Science and Technology, where he held prominent leadership positions, including Dean of the College of Engineering, Chair of the Department of Electronic and Computer

Engineering, and Vice President for Academic Affairs at Hamad Bin Khalifa University in Qatar.

His contributions to wireless communications and 6G are among the most significant globally. He has published more than 780 scientific papers, including 373 in peer-reviewed journals and 411 at international conferences, and holds 15 patents, including 11 US patents. His citations exceed 61,150, with an h-index of 109, placing him among the top 2% of scientists globally, according to the Stanford University Rankings.

His research has focused on vital topics such as Wireless Communications, Edge Computing, Artificial Intelligence, Machine Learning, Cloud Computing, Semantic Communications, and Federated Learning. He has contributed to the development of Algorithms and Techniques used today in 5G and 6G Networks, the Internet

of Things, Autonomous Vehicles, and Smart Medicine.

In addition to his research, Professor Latif has led prestigious research institutions, including Huawei Innovation Lab, The Wireless Circuit System Design Center, and Hong Kong Institute of Telecommunications. He has also held leadership positions within the IEEE Global Technical Society and served as editor-in-chief of prestigious scientific journals such as IEEE Transactions on Wireless Communications.

The professor has also received numerous international awards, including IEEE James Evans Award, the Edwin Howard Armstrong Scientific Achievement Award, and the Tunisian National Prize for Best Tunisian Researcher or Inventor Abroad. He also received an honorary doctorate from the University of Johannesburg and was elected a member of the National Academy of Engineering in the United States and the Royal Academy of Engineering in Hong Kong.

Receiving the Kuwait Prize in 2024 marks the pinnacle of an outstanding scientific career and highlights the vital role of engineering research in shaping a smarter, more sustainable digital future. The accomplishments of Professor Khaled Qasim Latif extend beyond advancements in communications science, reflecting a global vision that technology should serve humanity.

Professor Dima Al-Jamali

Thought Leadership in Management
and Sustainability





In a world facing accelerating economic and social challenges, academic figures stand out who have left a profound intellectual and humanitarian mark. Among these figures excelled Professor Dima Mohammed Rashid Al-Jamali, winner of the 2024 Kuwait Prize in Economics and Social Sciences for the topic of “Administrative Sciences.”

Prof. Dima Al-Jamali was born in Lebanon and began her academic journey at the American University of Beirut, where she earned a Bachelor’s degree in Public Administration. She then pursued graduate studies in the United States and the United Kingdom, earning a PhD in Social Policy and Administration from the University of Kent. Since then, she has relentlessly sustained academic and research excellence.

Professor Al-Jamali is known as a leading voice in the fields of Corporate Social Responsibility, Sustainability, and Social Entrepreneurship. She has held

prominent academic positions, including Dean of the College of Business Administration at the University of Sharjah and Associate Dean of the College of Business Administration at the American University of Beirut. She currently serves as Vice Chancellor for Academic Affairs and University Development at the Canadian University Dubai.

Her research career has been marked by abundant scientific output, with dozens of peer-reviewed research papers published in prestigious international journals, addressing vital issues such as Ethical Leadership, Women’s Empowerment, Public-Private Partnerships, and Innovation in Education. She has also received numerous international awards, including the “CSR Personality of the Year” award from the Arab Organization for Social Responsibility, the “Excellence in Scientific Research” award from the

National Council for Scientific Research in Lebanon, and the “Faculty Pioneer” award from the Aspen Institute in the United States.

She has gained widespread international recognition, having been named by Forbes as one of the most influential thought leaders in education, ranked among the top 2% of scientists globally by Stanford University, and included in the list of the top 100 scientists in the UAE for 2022.

In addition, Professor Al-Jamali has led research and development projects funded by major international institutions such as the World Bank, UNESCO, USAID, IDRC, and CNRS. These projects focused on issues such as Women’s Entrepreneurship, Public-Private Partnerships, and the Development of Social Responsibility Strategies in the Arab World and China.

The Kuwait Prize, which she received in 2024, is a recognition of her scientific and humanitarian contributions, and an affirmation of the importance of management thought in building more just and sustainable societies. It is not merely an honor for an individual, but rather a celebration of a vision that believes science must be at the service of humanity.

Professor Charbel Farhat

Engineering the Future Between
Mathematics and Space





In a realm where Mathematics meets Aviation and Computing converges with design, Professor Charbel Farhat emerges as a leading figure in modern engineering. He was awarded the 2024 Kuwait Prize in Applied Sciences for “Engineering Sciences.” His academic journey, spanning from Beirut to Stanford, reflects an extraordinary path from theoretical equations to groundbreaking real-world applications.

Professor Farhat currently holds several prestigious positions at Stanford University, including the Vivian Church Hoff Chair in Aircraft Structures and the James and Anna Marie Spilker Chair in the Department of Aeronautics and Astronautics, in addition to his membership in the Institute for Computational and Mathematical Engineering. He is also the Director of the Center of Excellence in Aerospace at King Abdulaziz City for Science and Technology, reflecting his scientific

influence extending to the Arab world.

Professor Farhat specializes in complex areas such as Fluid-structure interaction, Multiphysics modeling, and Model order reduction techniques, which are used to accelerate computer simulations in aircraft and spacecraft design. He has contributed to the development of numerical models used in vibration analysis, structural failure prediction, and dynamic performance optimization for aircraft, including fighter aircraft and spacecraft.

He earned his PhD from the University of California, Berkeley, and received his academic training in France, giving him a multicultural scientific background. He held academic positions at prestigious universities such as the University of Colorado Boulder before moving to Stanford, where he led the Department of Aeronautics and Astronautics for over a decade and contributed to the development of

advanced graduate programs in computational engineering.

Professor Farhat has received more than 20 international awards, including the Vannevar Bush Medal from the US Department of Defence, the Academic Palm Medal from the Prime Minister of France, and the Spirit of St. Louis Award from the American Society of Mechanical Engineers. He has also been elected a Fellow of several prestigious academies, including the US National Academy of Engineering, the UK Royal Academy of Engineering, and the Lebanese Academy of Sciences.

In addition to his research, Professor Farhat is known for his academic supervision skills, having supervised dozens of doctoral and master’s students, many of whom now hold leadership positions at companies such as Boeing, NASA, and Amazon. He has also provided scientific consulting to government agencies and major industrial companies and contributed to the development of technologies used in military aircraft, spacecraft, and even supercomputing systems.

The Kuwait Prize awarded to him in 2024 honors not only his scientific accomplishments but also an engineering vision that bridges theory with practice, combining mathematical rigor with the ambition to explore space. It celebrates a boundless intellect and a field of science that thrives in the spirit of innovation.

Professor Ashraf Samir Ibrahim

A Pioneer in Medical Mycology
and Infection Control





At a time of increasing global health challenges and the need for innovative solutions to combat infectious diseases, the star of Professor Ashraf Samir Ibrahim, winner of the 2024 Kuwait Prize in Basic Sciences for the topic “Biological Sciences,” shines. His academic career is a model of dedication to research, innovative treatment, and commitment to serving humanity.

His academic journey began at Kuwait University, where he earned a bachelor’s degree in Biochemistry and Microbiology. He then moved to the United Kingdom to complete a doctorate in Microbiology at Loughborough University. He continued his specialized training in molecular mycology at Harbor-UCLA Medical Center in California, where he began his research career that would later transform the world’s understanding of deadly fungal diseases like mucormycosis.

Prof. Ibrahim currently serves as Director of the Graduate Program in

Translational Medicine at the Lundquist Institute and a professor at the University of California, Los Angeles School of Medicine. He has led more than 65 research projects with funding exceeding \$45 million from prestigious institutions such as the National Institutes of Health (NIH), the American Heart Association, and global pharmaceutical companies such as Merck, Gilead, and Astellas.

His research has focused on developing innovative vaccines and treatments against invasive Fungi, particularly drug-resistant ones, such as *Candida albicans* and Mucormycoses. He has contributed to the development of experimental vaccines against candidiasis and pioneered novel immunological strategies to combat fungal infections, making him one of the world’s leading voices in this field.

His achievements have not been limited to the laboratory, but have also

extended to international conference halls, where he has delivered keynote lectures at World Health Organization conferences, prestigious universities such as Stanford and Maryland, and research centers in Europe and Asia. He has also participated in specialized workshops on antibiotic resistance, providing new insights into the relationship between Fungi and COVID-19.

Prof. Ibrahim has received numerous awards, including the Richard Weitzman Award for Excellence in Research, the Merck Prize in Mycology, and has been elected a Fellow of the American Academy of Microbiology and the European Federation of Medical Mycology.

The 2024 Kuwait Prize in Basic Sciences, on the topic of Microbiology, is the culmination of an exceptional scientific career and a confirmation of the importance of scientific research in saving lives. Prof. Ashraf Samir Ibrahim’s achievements not only represent advances in microbiology, but also embody a profound humanitarian commitment to making the world safer against silent diseases.

Professor Zidane Abdel-Kafi Kafafi

Guardian of Archaeological Memory in the Hashemite Kingdom of Jordan





In the Hashemite Kingdom of Jordan, a land steeped in history and home to layers of civilizations, Professor Zeidan Abdulkafi Kafafi stands out as a pillar of Archaeology in the Arab world, and the winner of the 2024 Kuwait Prize in the field of Humanities, Arts, and Literature for the topic: History of Civilizations and Human Thought. His academic career represents an exceptional journey in Archaeological excavation, History, and Heritage preservation, spanning more than five decades of academic and field contributions.

Professor Zidan was born in the town of Nuba in Hebron, Palestine, in 1950. He obtained his Bachelour's (1971) and Master's (1977) degrees in Archaeology from the University of Jordan, and his PhD (1982) from the Free University of Berlin in West Germany.

Since then, his name has been closely associated with Yarmouk University, where he has held several

prestigious academic and administrative positions, including University president, Dean of the Faculty of Archaeology and Anthropology, Dean of Scientific Research and Graduate Studies, and Director of the Institute of Archaeology and Anthropology. He also served as Dean of the Queen Rania Institute for Tourism and Heritage (2011-2013) at Hashemite University, and Acting Director of the Jordan Museum (2011).

Prof. Kafafi has led numerous archaeological excavations at prominent Jordanian sites, including Ain Ghazal, Al-Husayyah, Deir Alla, Tell Damia, Abu Hamed, and the Amman Citadel in collaboration with prestigious international academic institutions, including the French Center for Research in Paris (CNRS), the University of San Diego, the University of Nevada, the University of Rome La Sapienza, Leiden University, the Leiden Museum, the German Archaeological Institute in Berlin, and the University of Münster in Germany. These excavations have contributed to rewriting the history of human settlement in Jordan, particularly during the Neolithic, Chalcolithic, Bronze, and Iron Ages (c. 10,000–332 BC).

Kafafi has published more than twenty books, both authored and edited, and 250 individual and joint research papers, most of which address the archaeology of Jordan in particular, and the Levant and Arabian Peninsula in general. He has served as editor-in-chief and member of the editorial and advisory boards of several Jordanian, Arab, and international journals.

He has received several medals and awards, most notably the King Abdullah II Order of Excellence, Second Class (2016), the State Appreciation Award (2011), the Star of Science in Anthropology and Museums (2017), the Knight's Medal from the French government, and the Palm Fronds Award (1999). He was also honored with a book entitled *Festschrift: Excavations, Archaeological Surveys and Heritage*, published in Germany in 2023, which includes research written by colleagues and students from different countries of the world.

His contributions are not limited to scientific research, but also extend to community work, where he has given and continues to give public lectures, organized archaeological exhibitions, participated in training tour guides in Jordan, and served as an advisor on the conservation of archaeological sites. He is a member and deputy to Her Royal Highness Princess Dana Firas on the International Council on Monuments and Sites (ICOMOS) in the Hashemite Kingdom of Jordan.

The Kuwait Prize, which he received in 2024, is the culmination of an exceptional scientific and humanitarian career, and an affirmation of the importance of Archaeology in understanding self and identity. Professor Kafafi's achievements represent not only the preservation of the past, but also the building of bridges of understanding between generations.

Professor Dr. Shawkat Hamouda

Risk Economics in Times of Crisis





In a world where markets are volatile and financial crises are intertwined with energy and geopolitics, Professor Shawkat Mohammed Hamouda stands out as a leading expert in economic and financial risk analysis, and the winner of the 2024 Kuwait Prize in Economics and Social Sciences for the topic of “Administrative Sciences.”

Prof. Hamoudeh is a professor of economics and international business at the Lobo College of Business at Drexel University in the United States. He holds a PhD in economics from the University of Kansas, where his dissertation dealt with “Optimal Oil Pricing Policy in Saudi Arabia.” His career has combined academia and practice, having previously worked as a senior economist at the Organization of Arab Petroleum Exporting Countries (OAPEC) in Kuwait, a researcher at the Kuwait Institute for Scientific Research, and a diplomat at the Jordanian Ministry of Foreign Affairs.

His research centers on exploring the dynamics of financial and energy markets, employing advanced economic models to analyze risk, volatility, and inter-market correlations. He has authored hundreds of studies published in leading academic journals such as *Energy Economics* and the *Journal of International Financial Markets, Institutions & Money*, addressing a wide range of topics, including:

- The Relationship Between Energy Prices and Economic Volatility
- The Impact of Global Crises on Both Emerging and Developed Markets
- Comparative Analysis of Islamic and Conventional Markets in Terms of Risk and Resilience
- Hedging Strategies and Portfolio Management Amid Uncertainty
- Interconnections Between Economic Growth, Energy Consumption, and Environmental Quality

He has also served as co-editor for several academic journals, including the *Journal of International Money and Finance*, *Journal of Banking and Finance*, *The Energy Journal*, *Journal of Environmental Management*, and *Annals of Operations Research*. In addition, he has held editorial board positions in multiple journals specializing in economics and finance.

In addition, Prof. Hamouda has supervised doctoral theses on topics such as Liquidity and Profitability Management in banks, and Risk analysis in financial assets, reflecting his interest in the practical applications of economics.

His influence has extended beyond academia to the media, where he has conducted interviews with agencies such as Reuters, Bloomberg, and NBC, and written analytical articles for specialized economic blogs, addressing issues such as oil prices, financial crises, and global monetary policies.

Winning the 2024 Kuwait Prize, is the zenith of a rich academic career and a confirmation of the importance of analytical economics in understanding the contemporary world. Prof. Shawkat Hamouda’s achievements represent a qualitative contribution to building scientific tools that help decision-makers and investors navigate a challenging world.

Dr. Ali Hussein Diab

Researcher in Community Service and Public Health

Winner of the 2024 Jaber Al-Ahmad Award for Young Researchers in the field of Medical and Allied Health Sciences



With health challenges accelerating regionally and globally, there is a growing need for scientists and researchers with deep insight, field experience, and the ability to bridge theoretical knowledge with practical application. Dr. Ali Hussein Mansour Diab, winner of the 2024 Jaber Al-Ahmad Award for Young Researchers in the field of Medical and Allied Health Sciences, is a clear example of this distinguished scientific model, employing

his knowledge to serve society and improve the health of individuals.

Scientific Origins and the Path to Excellence

Dr. Ali Diab was born in Kuwait in 1982 and grew up in an environment that valued education and research. He began his academic career with a passion for public health sciences, which later led him to earn a Doctor of Public Health

(PhD) from the University of South Carolina in the United States, a leading university in this field. He specialized in community medicine and behavioural sciences.

This unique specialization combines medical and health understanding with the study of human and societal behaviour, qualifying him to work on the front lines of developing sustainable and effective community health policies.

Academic Work at Kuwait University

Dr. Ali currently serves as the acting head, and an associate professor in the Department of Community Medicine and Behavioural Sciences at the College of Medicine at Kuwait University. He is a prominent figure who has contributed to the modernization and development of medical education in this department, in line with community needs and global health trends.

He is distinguished by his interactive style with students and his tendency to integrate practical and academic aspects, making his lectures a source of inspiration and scientific motivation.

Rich Research Career: 59 Peer-reviewed Scientific Papers

Dr. Ali is one of Kuwait's most active researchers in the field of public health. He has published 59 scientific papers in peer-reviewed medical journals, covering vital topics, including:

- Chronic Diseases and Their Prevalence Patterns in Kuwait.
- The Impact of Health Behaviours on Public Health.

- The Effectiveness of Awareness Programs in Disease Prevention.
- The Role Of Primary Healthcare in Reducing Hospital Burdens.
- Psychological and Social Factors Affecting Patients.

His research reflects a particular interest in translating medical data into field-applied recommendations to improve the quality of life for individuals.

Regional and International Participations

Dr. Ali's contributions have not been limited to the local arena, but have also extended to international and regional conferences, where he has participated by publishing scientific papers and posters and delivering specialized lectures. These contributions have opened doors for him to collaborate with prestigious research and healthcare institutions, contributing to the exchange of expertise and expanding the scope of multinational research addressing common health issues in the Gulf region and the Arab world.

Expertise in Community Health and Human Behaviour.

Dr. Ali is distinguished by his rare specialization, which combines Medicine, Psychology, and Behaviour. He believes that health lies not only in treatment, but also in prevention, awareness, and early behavioural intervention. His research has focused on unhealthy lifestyles in Gulf societies, such as physical inactivity, the prevalence of smoking, and unhealthy eating habits,

and has sought to provide practical solutions based on scientific evidence.

Evaluation Points and Award Committee Decision

In Jaber Al-Ahmad Prize Committee's evaluation, Dr. Ali received the highest score among this year's winners, reflecting the quantitative and qualitative excellence of his research and its impact on the medical field. The committee's decision to award him the prize stems from his extensive scientific contributions and direct involvement in advancing public health in Kuwait.

Community Work and Health Awareness

Believing in the importance of raising community awareness about health, Dr. Ali has participated in numerous health awareness campaigns targeting various groups, such as school students, the elderly, and those working in strenuous occupations. He has also collaborated with the Ministry of Health and several civil society organizations to develop educational programs focusing on proper nutrition, exercise, sleep, and the prevention of infectious and chronic diseases.

Challenges Facing Public Health Researchers

In his interviews and public interventions, Dr. Ali has discussed the challenges facing researchers in the health sector, including limited research funding, the difficulty of collecting field data, and varying societal awareness of the importance of prevention. However,

he believes these challenges motivate distinguished researchers to be creative and innovative in their work and publication methods.

Future Aspirations

Dr. Ali hopes to expand his research in the future to include mental health issues, especially after the COVID-19 pandemic revealed the importance of mental health as an integral part of public health. He also seeks to enhance research collaboration between medical colleges in the Gulf Cooperation Council (GCC) countries and develop a unified health database to support decision-making.

The Importance of the Award in his Career

Dr. Ali winning of the Jaber Al-Ahmad Prize represents the culmination of his career and scholarly efforts, and a message of appreciation from the state for his role in serving the community through scientific research. The award also enhances his academic standing and provides him with moral and professional support to continue his contributions.

Final Word

Dr. Ali Hussein Mansour Diab is a model of a healer who goes beyond simply diagnosing illness, but rather seeks to understand its societal and behavioural roots and works to provide comprehensive solutions based on science and knowledge. His winning of the 2024 Jaber Al-Ahmad Prize is a well-deserved honour and highlights the importance of public health research in serving humanity and society.

Dr. Bader Saad Al-Hashel

Physics Olympiad to Pioneering Economic Research

Winner of the 2024 Jaber Al-Ahmad Award for Young Researchers in Administrative and Economic Sciences



Dr. Bader Saad Jassim Al-Hashel is one of the shining examples in the fields of Economics and Management in Kuwait. He combines academic excellence with practical experience, earning him local and international recognition in his field. His winning of the 2024 Jaber Al-Ahmad Award for Young Researchers in the field of Administrative and Economic Sciences is the culmination of a rich career that began in his early years of study and has

continued to advance in research, academic work, and banking.

Early Scientific Background and High Ambitions

From an early age, Dr. Bader Al-Hashel demonstrated a passion for science. He excelled in high school by winning first place in the Kuwait National Physics Olympiad, an exceptional achievement that demonstrated his excellence and

perseverance. His ambition did not stop at Kuwait; he represented the country internationally in the International Physics Olympiad, which helped hone his analytical and methodological skills, which he later leveraged in his economic studies.

Academic Study and Specialization

After completing his undergraduate studies with distinction, Dr. Bader traveled to the United States to complete his graduate studies in Economics. He earned a PhD from Indiana University in the United States, a world-renowned university specializing in Finance and Economics. His specialty is Finance and Financial Institutions, with a particular focus on Risk Management, a vital field in today's era of rapid economic and financial fluctuations.

Academic Work at Kuwait University

After earning his PhD, Dr. Bader Al-Hashel returned to Kuwait to serve his country through university education. He served as a faculty member in the Department of Finance and Financial Institutions at the College of Business Administration at Kuwait University from December 2018 to January 2024. During these years, he played a prominent role in developing academic curricula, training students in modern financial skills, and participating in academic life by supervising academic theses and organizing economic conferences.

Scientific and Research Production:

15 Peer-reviewed Research Papers

Despite his busy professional life, Dr.

Bader has never stopped his scientific research. He has published 15 peer-reviewed research papers in prestigious scientific journals, covering diverse topics such as:

- Banking Risk Management.
- Measuring Financial Performance in Islamic Banks.
- Modelling Investor Behaviour in Emerging Markets.
- Analysing Financial Crises and Governance Mechanisms.
- Financial Innovation and Its Role in Promoting Economic Stability.

His research is characterized by methodological rigor and the link between theory and practice, making it of practical use to decision-makers and the banking sector.

Banking and Economics in Practice

One of Dr. Bader Al-Hashel's most prominent strengths is his work in the banking sector, where he currently serves as Head of the Risk Management Group at Boubyan Bank, one of the leading Islamic banks in Kuwait and the region. This important position requires him to make strategic decisions to protect the bank from market fluctuations and enhance its ability to adapt to regulatory and economic changes.

This combination of academic and practical aspects demonstrates his rare ability to understand economics not only through theory, but also through practical reality and global transformations.

Receiving the Award: A Merit Based on Scientific Quality

According to the recommendations of Jaber Al-Ahmad Award for Young Researchers committee, Dr. Bader deservedly won, reflecting the quality of his scientific output and the extent of his impact in his field. The committee noted his excellence in blending theory and practice, which gives his research a practical dimension that directly serves the Kuwaiti economy.

Its Impact on Students and New Researchers

Dr. Bader's students attest to his distinctive teaching style, which combines simplicity and depth, theory and practice. He encourages students to think critically and conduct applied research that addresses the challenges facing the local and global economy. He also strives to create an educational environment that stimulates research and development.

Scientific and Professional Contributions

In addition to his academic and banking activities, Dr. Bader Al-Hashel has participated in numerous local and international conferences, presenting working papers on vital issues in the world of finance and business. He has also been invited as an expert to numerous workshops organized by governmental and private institutions on Economic Crisis Management, Islamic Finance, and the Future of Digital Banks.

A Look to the Future

Dr. Bader aspires to expand his research to include the Digital Economy, Consumer Behavior Analysis in Online Environments, and the Integration of Artificial Intelligence Technologies into Banking Risk Management. He is also working on studies that support Public Policies in Kuwait, particularly those related to Economic Diversification and the New Kuwait Vision 2035.

The Importance of the Award in his Career

His winning of Jaber Al-Ahmad Prize signifies the state's recognition of his distinguished efforts in scientific research and appreciation of his academic and professional contributions. The award is a milestone in his career, enhancing his academic status, motivating him to continue contributing, and encouraging young researchers to follow his footsteps.

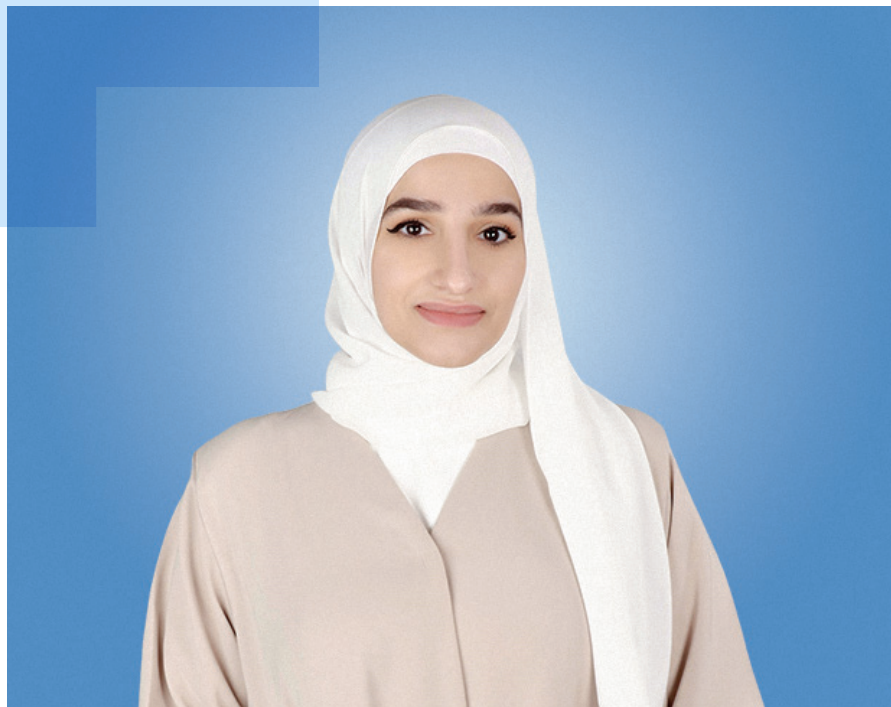
Final Word

Dr. Bader Saad Jassim Al-Hashel exemplifies the Kuwaiti researcher who not only excels academically but also dedicates his expertise to serving his country through practical scientific applications. His winning of the 2024 Jaber Al-Ahmad Award for Young Researchers in the field of Administrative and Economic Sciences is a laudable example and a clear message that creativity is not limited to theory, but also encompasses the ability to effect change and decision-making.

Dr. Maryam Ahmed Al-Kandari

A Kuwaiti Researcher Reviving Jurisprudential and Political Thought

Winner of the 2024 Jaber Al-Ahmad Award for Young Researchers in the Field of Social Sciences and Humanities



Each year, the Jaber Al-Ahmad Award for Young Researchers opens new scientific horizons for young Kuwaiti researchers, encouraging them to excel and innovate in various fields of knowledge. In its 35th edition for 2024, Dr. Maryam Ahmed Ali Al-Kandari, Associate Professor in the Department of Comparative Jurisprudence and Sharia Politics at the College of Sharia and Islamic Studies at Kuwait University, excelled, winning the award in the field of Social Sciences and Humanities.

Academic Background and Early Career

Born in 1987, Dr. Maryam Al-Kandari grew up in a scholarly environment that encouraged her to excel and pursue research. After completing her undergraduate studies in Kuwait, she travelled to Jordan to obtain a doctorate from the University of Jordan, one of the most prestigious Arab universities in the field of Islamic law studies. This solid background helped her develop a deep critical mind and advanced research

skills in Comparative Jurisprudence and Islamic Politics.

Research Field and Specialization

Dr. Al-Kandari's research focuses on Comparative Jurisprudence, which examines the differences between Islamic schools of thought on matters of Jurisprudence, and on Islamic politics, a branch of Islamic studies concerned with regulating the affairs of state and society according to the principles of Islamic law. Throughout her academic career, she has presented contemporary readings that consolidate the concepts of justice and the public interest, while considering the social and political changes in the Arab and Islamic world.

Scientific Production: 23 Peer-Reviewed Scientific Research Papers

Dr. Maryam Al-Kandari is an active researcher in academic publishing, having published 23 peer-reviewed scientific papers in specialized scientific journals inside and outside Kuwait. Her research topics have ranged from women's issues in Sharia law, concepts of Justice and Public interest in Islamic jurisprudence, and the role of Sharia law in developing Public Policies, in addition to contemporary issues such as Modern Contracts, Business Ethics, and Governance Systems in Islamic Jurisprudence.

Academic Excellence and Previous Awards

In 2021-2022, Dr. Maryam received the award of "Best Young Researcher at Kuwait University", an award given to faculty members who excel in scientific publishing

and research quality. This achievement was a natural prelude to her winning the 2024 Jaber Al-Ahmad Award for Young Researchers, especially considering her remarkable achievements, which highlight the quality of her academic work.

Role in Education and Influencing Students

In addition to her research activities, Dr. Maryam Al-Kandari has contributed to preparing new generations of researchers and scholars in the field of Sharia through her work as a university professor. She is known for her obliging approach to students, encouraging critical thinking and scholarly dialogue. She is also committed to integrating research into education, encouraging students to participate in research projects and publish scholarly works.

Participation in Scientific Conferences

Al-Kandari's contributions were not limited to academic publishing. She has also participated in several local and regional conferences, where she has presented and discussed her research with researchers from various countries. Her contributions addressed vital topics related to the renewal of Islamic jurisprudence and the harmonization of Islamic texts with contemporary societal challenges, such as the environment, women, human rights, and public administration.

Efforts in Developing Sharia Policy

One of Dr. Maryam's most notable achievements is her focus on developing concepts of Sharia politics from a

contemporary perspective. She believes that Islamic jurisprudence can provide practical and just solutions to contemporary issues if it is re-grounded in a scientific manner that combines tradition and modernity. Her research has addressed topics such as:

- Controls of Administrative Decisions in Sharia.
- The Balance of Authority and Responsibility in Islamic Systems.
- The Relationship Between the Objectives of Sharia and Public Policy.
- Women's Rights Between Jurisprudence and Politics.

Contribution to Community Service

Dr. Maryam Al-Kandari believes that the role of a researcher extends beyond the university to serving the community. Therefore, she has been keen to participate in workshops, open discussion groups, and prepare advisory studies that serve government institutions and community organizations. She has also contributed to reviewing legislation and draft laws to ensure their consistency with Islamic principles and social justice.

Challenges Faced by Female

Researchers in the Field of Sharia

In a predominantly male-dominated environment, Dr. Maryam emerged as a shining example of Kuwaiti women in Islamic law. Despite cultural and institutional challenges, she was able to prove her competence through her hard work and perseverance, making her a role model for many young female researchers aspiring to academic and research careers.

The Importance of Winning Jaber Al-Ahmad Prize

Dr. Maryam's winning of Jaber Al-Ahmad Prize is the crowning achievement of her academic career and a significant moral support that motivates her to continue her contributions. The award not only honours achievement, but also opens new horizons for researchers to expand their research and enhance their academic presence both inside and outside Kuwait. The award also highlights the importance of the social and human sciences in building societies and their role in supporting decision-making and public policy.

Future Aspirations

Dr. Al-Kandari aspires to expand her research to include comparative studies between Sharia and positive laws, particularly in the areas of Social Justice, Education, and Islamic Economics. She also seeks to establish a research centre dedicated to renewing Sharia thought from a participatory institutional perspective that brings together researchers and decision-makers.

Final Word

Dr. Maryam Al-Kandari embodies the essence of the determined young Kuwaiti researcher, blending scientific excellence with awareness of contemporary challenges and a strong dedication to her nation and community. Her winning Jaber Al-Ahmad Young Researchers Award 2024 sends a message of hope to all young researchers, that science and hard work will always bear fruit.

Dr. Nasser Mustafa Al-Sayegh Innovation Engineer and Future Researcher

Winner of the 2024 Jaber Al-Ahmad
Award for Young Researchers in
Engineering Sciences



Living in a world increasingly reliant on innovation and applied engineering, the role of researchers and engineers in building a knowledge- and technology-based future is highlighted. Dr. Nasser Mustafa Abdulnabi Al-Sayegh, winner of the 2024 Jaber Al-Ahmad Award for Young Researchers in Engineering Sciences, is an inspiring example of the Kuwaiti researcher's ability to compete and innovate in the field of research and development.

Academic Upbringing and Path to Excellence

Born in 1983, Dr. Nasser completed his education in Kuwait, where he demonstrated an early passion for science and engineering. After obtaining his bachelor's and master's degrees, he went to Cranfield University in the United Kingdom, a university specializing in Engineering and Applied sciences, to complete his doctorate.

His studies focused on Industrial Engineering and modern technologies, a diverse field that integrates design, materials, and technological applications, preparing him for a distinguished research and professional career.

Work at the Kuwait Institute for Scientific Research

Dr. Nasser Al-Sayegh currently works as a Research Associate at Kuwait Institute for Scientific Research (KISR), one of the most prestigious research institutions in Kuwait and the region. Within this framework, he has participated in numerous national projects aimed at developing industry, improving energy efficiency, and enhancing the innovation ecosystem.

In addition to his laboratory work, he has participated in preparing consulting studies for government and private entities, reflecting his commitment to making research findings applicable to real-world situations.

Qualitative Scientific Achievements

Dr. Nasser Al-Sayegh has distinguished himself with a diverse and rich scientific output, including:

- Publishing 37 Scientific Papers in International Peer-reviewed Journals.
- Obtaining Five Patents in Advanced Technical Fields.
- Representing Kuwait in Numerous International Scientific Forums.
- Placed among the top authors in Kuwaiti research institutions, placed 21st in 2020 according to the Scopus 2021 database

His research covers topics such as Composite Materials, Renewable Energy, Industrial Performance Improvement, and Intelligent Systems in Industry.

Winning the Gold Medal at the International Exhibition of Inventions

In 2024, Dr. Nasser received the gold medal at the International Invention Fair in the Middle East (IIFME), an award that reflects international recognition of his scientific innovations and reinforces Kuwait's position on the global innovation map. During the exhibition, he presented unique inventions that combine efficiency and sustainability in the field of energy.

Award Committee Evaluation

Dr. Nasser received the highest scores from the Jaber Al-Ahmad Prize for Young Researchers Committee in the field of Engineering Sciences, reflecting the strength and comprehensiveness of his scientific portfolio. The committee recommended the award in recognition of his outstanding scientific output and his direct impact in supporting technological and economic development in Kuwait.

Approach to Research and Development

Dr. Nasser takes an applied approach to his research, always striving to transform ideas into testable prototypes and then into technical solutions ready for implementation. He also encourages research collaboration between academic

departments and believes in the importance of teamwork to advance national innovation.

Contribution to Building Research Capabilities

In addition to his research work, Dr. Nasser is committed to training new researchers by organizing workshops, supervising graduate students, and participating in scientific arbitration committees. He has contributed to enhancing the efficiency of the institute's research teams and transferring his expertise to new generations.

Interests in Society and the Environment

Dr. Nasser's research extends beyond Industrial Research to Sustainable Environmental Solutions, such as Recycling Technologies, Improving Energy Consumption, and Reducing Industrial Emissions. He has also participated in several community initiatives that promote innovation and scientific awareness in schools and universities.

Future Challenges and Ambitions

Researchers in engineering fields face numerous challenges, such as limited research funding and the difficulty of transforming innovations into successful commercial projects. Yet, Dr. Nasser Al Sayegh continues to work diligently to overcome these obstacles. His future ambitions include:

- Establishing a National Centre for Industrial Innovation.

- Supporting Emerging Projects Based on research findings.
- Expanding International Partnerships with Leading Universities and Institutes.

The Importance of the Award in his Career

Dr. Nasser considers winning Jaber Al-Ahmad Award a great incentive for himself and his research community. The award is not only a recognition of his research achievements, but also a message of support for every researcher who works diligently to advance their country. It is an opportunity to highlight the role of researchers in building a knowledge economy.

Final Word

Dr. Nasser Mustafa Abdulnabi Al-Sayegh embodies the image of a young, modern Kuwaiti researcher who combines science and innovation, patriotism and ambition. His winning of the 2024 Jaber Al-Ahmad Prize is a tribute to his career and an open invitation to the next generation to follow the example of those who preceded them in the fields of research and development.