

**Board of Trustees of  
Hamdan Foundation Reviews  
Latest Updates on Projects,  
Programs, and Initiatives**

**Judging Process for  
"Innovators 2025"  
Underway; Awards  
Ceremony Set for  
Early 2026**

**Hamdan Center for Giftedness  
Students Achieve Top Rankings  
in Cambridge University Pre-  
University Program**

116

**Research from 13 Arab  
Countries Compete for Hamdan-  
ALECSO Award for Distinguished  
Educational Research**

**Personal Interviews Begin  
for Local Nominees  
of Educational Awards**





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**Vision**

A pioneering foundation fostering excellence

**Mission**

Designing and implementing distinguished awards and programs that empower achievements in medicine and education, while nurturing the giftedness of individuals



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Chaired by Humaid Al Qutami

## Board of Trustees of Hamdan Foundation Reviews Latest Updates on Projects, Programs, and Initiatives

### Dubai - 'Akhbar Al Tamayoz'

The Board of Trustees of Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, during a meeting held at the Foundation's headquarters and chaired by His Excellency Humaid Al Qutami, Chairman of the Board of Trustees, reviewed the Foundation's achievements within the framework of its institutional partnerships and services that support education at the local, regional, and international levels.

The meeting discussed the latest developments in the Foundation's key local, regional, and international projects, programs, and initiatives in the fields of educational and medical excellence, giftedness and innovation, and support for creative projects. Several other topics were also addressed, with appropriate decisions taken regarding them.

The meeting was attended by Dr. Jamal Al Mehairi, Vice Chairman of the Board; Awad Saghir Al Ketbi; Dr. Khalifa Al Suwaidi, Secretary-General and CEO of the Hamdan bin Rashid Al Maktoum Foundation; Dr. Ahmed Eid Al Mansoori; Dr. Sulaiman Mohammed Al Hammadi; Essa Al Hajj Al Maidoor; and Abdullah Saeed Belyouha.



During its participation in Doha Forum on Educational Innovation

## Hamdan Foundation Highlights Institutional Partnerships' Role in Supporting Educational Innovation

### Mariam Alghawi:

Educational innovation is not a passing slogan but an institutional practice grounded in scientific research and practical application.

Hamdan Foundation plays a pioneering role in supporting educational innovations, promoting a culture of innovation, and offering awards.

Partnerships with the private sector and incubators contribute to strengthening educational identity and provide education with additional momentum.



### Dubai - 'Akhbar Al Tamayoz'

Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences participated in the Forum on Educational Innovation and Knowledge-to-Practice Transformation, organized by the Arab Bureau of Education for the Gulf States (ABEGS) in partnership with the Ministry of Education and Higher Education in Qatar, held in Doha.

The Foundation was represented by Dr. Mariam Alghawi, Director of Hamdan Center for Giftedness and Innovation, who took part in a session titled "Institutional Partnerships in Supporting Educational Innovation". She emphasized the importance of moving educational projects from theoretical concepts to practical, implementable initiatives.

### Institutional Practice

Alghawi stressed the pivotal role of institutional partnerships in ensuring the success of this transformation, showcasing leading GCC models of partnerships between education, the private sector, and incubators, including specialized educational incubators such as "FABLAB". She affirmed that educational innovation is not a passing slogan, but an institutional practice based on scientific research and practical application.

She explained that the GCC experience confirms that partnerships with the

private sector and incubators contribute to strengthening educational identity, and provide education with additional strength to keep pace with global transformations while preserving its authenticity.

She also highlighted the pioneering role of Hamdan Foundation in supporting educational innovations through promoting its culture, offering awards as global platforms of excellence, and investing in human capital through advanced training and qualification development programs for teachers and educational leaders.

She cited Gulf examples of collaboration between education, the private sector and incubators such as FABLAB, saying educational innovation must be an institutional practice rooted in research and application.

"Educational innovation is not a passing slogan but an institutional practice grounded in scientific research and practical application," Dr. Al Ghawi stated.

She noted that partnerships with the private sector and incubators help strengthen educational identity, enable education systems to respond to global change and preserve cultural authenticity. She underlined the Foundation's role in fostering innovation through promoting creativity, offering international awards as platforms of excellence, and investing in human capital with advanced training for teachers and education leaders.





## Dubai - 'Akhbar Al Tamayoz'

Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences participated in the 2025 World Teachers' Summit, held in Santiago, Chile, with the presence of representatives of states and global educational organizations.

His Excellency Dr. Khalifa Al Suwaidi, Executive Director of Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, spoke in a session titled "Building a Culture of Recognition and Valuing the Teaching Profession", affirming that this international participation reflects the Foundation's commitment to supporting global efforts to enhance the status of teachers, contribute to shaping the future vision of education, and strengthen its presence as an active partner in international educational initiatives.

As part of the Summit, Hamdan Foundation participated in the accompanying exhibition, showcasing its international initiatives, most notably the UNESCO-Hamdan Prize for Teacher Development, with the presence of members of the jury. The participation provided an opportunity to present the Foundation's efforts and achievements to international delegations.

Also taking part in the Summit were representatives of the Center for Mathematical Modeling at the University of Chile, the laureate of the UNESCO-Hamdan Prize for Teacher Development in its fifth cycle. They highlighted the Center's most important achievements, noting that winning the Prize marked a major turning point in terms of vision, international recognition, confidence, and creative freedom. After developing 12 mathematics courses for primary schools, benefiting 1,400 teachers, the program has now expanded to reach nearly 5,000 teachers through 21 courses for both primary and secondary education. The Center currently operates with diverse and flexible approaches and has adopted a regional implementation model that has significantly impacted local education services and the teachers themselves.

Thanks to the Prize, the team was able to work with local communities, train cadres, and build trust and partnerships with regional universities. The Center also developed a model for evaluating teacher learning, which clearly demonstrated that the program substantially enhances teachers' mathematical

University of Chile's Center for Mathematical Modeling, laureate of the UNESCO-Hamdan Prize, underscores the award's impact in transforming its services.

The Foundation showcases its international initiatives at the Summit's exhibition.

knowledge, while lowering entry barriers to make it more inclusive and equitable. Moreover, it enabled the development of classroom teaching materials based on research and real-world problem solving, which strengthened further strengthening the Center's close partnership with the Curriculum Unit at the Ministry of Education in Chile.



With the participation of representatives of states and educational organizations

## Hamdan Foundation Participates in World Teachers' Summit in Chile

**Khalifa Al Suwaidi:**

This international participation reflects the Foundation's commitment to supporting global efforts to enhance the status of teachers.





On the sidelines of ABEGS Executive Council meeting  
**Highlighting Hamdan Foundation's  
 Programs and Initiatives**  
**Supporting the Enhancement of Education Quality in the GCC**

**Dubai - 'Akhbar Al Tamayoz'**

His Excellency Dr. Khalifa Al Suwaidi, Executive Director of Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, highlighted the Foundation's programs, projects, and initiatives that support the enhancement of education quality in the GCC countries. The presentation was delivered on the sidelines of the 94th session of the Executive Council

of the Arab Bureau of Education for the Gulf States (ABEGS), hosted in Dubai. The meeting was attended by H.E. Dr. Mohamed bin Saoud Al-Moqbel, Director-General of ABEGS, members of the Executive Council, and the Undersecretaries of the Ministries of Education in the GCC countries and the Republic of Yemen. The United Arab Emirates has assumed the presidency of the Executive Council of ABEGS for a two-year term covering 2025 and 2026.

The meeting concluded with a workshop in which the Undersecretaries of the Ministries of Education from the member states participated. It mainly focused on the future strategic directions of ABEGS. Through its presidency of this session, the UAE underlined its firm commitment to supporting joint-Gulf cooperation, unifying educational visions, and strengthening the role of education as a fundamental pillar for achieving sustainable development in the region.



70% increase in eligible teams compared to last year

## Judging Process for "Innovators 2025" Underway; Awards Ceremony Set for Early 2026

**Khalifa Al Suwaidi:**  
"Innovators" is a national  
platform for discovering  
talents and refining the  
creative abilities of youth

We are committed to  
providing support to young  
innovators so they can play  
an active role in building the  
knowledge economy

**160**  
teams registered in the  
preliminary stage, of which  
80 met the participation  
criteria



### Dubai - 'Akhbar Al Tamayoz'

The judging process has commenced for the eighth edition of the "Innovators 2025" competition, organized by Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences. The competition aims to foster a culture of innovation and encourage young people to transform their creative ideas into practical projects that benefit society and advance sustainability. Distinguished panels of experts and specialists are taking part in the judging sessions. This year's competition has witnessed exceptional interest, with 160 teams registering in the preliminary stage, 80 of which met the participation requirements, representing a 70% increase compared to the previous edition. Participants include both university students and professionals, reflecting the growing recognition of innovation as a national and societal value.

### A National Platform

His Excellency Dr. Khalifa Al Suwaidi, Executive Director of Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, said: "The Innovators competition has today become a well-established national platform for discovering talent and refining the creative abilities of young people. It represents a complete journey, beginning with shaping an idea and culminating in developing it into a practical, applicable project". He added: "The growing number of participants we see year after year reflects the community's confidence in the Foundation and its mission. We remain committed to providing all forms of support to young innovators, enabling them to play an active role in building the knowledge economy and reinforcing the UAE's position as a global hub for innovation".

### Judging Stages

The judging process includes multiple phases designed to assess projects against rigorous criteria, focusing on creativity, feasibility, and the societal impact of innovation. This stage will culminate in the announcement of the finalist teams, leading up to the official awards ceremony to be held early next year, which will also feature an exhibition showcasing the most outstanding projects.

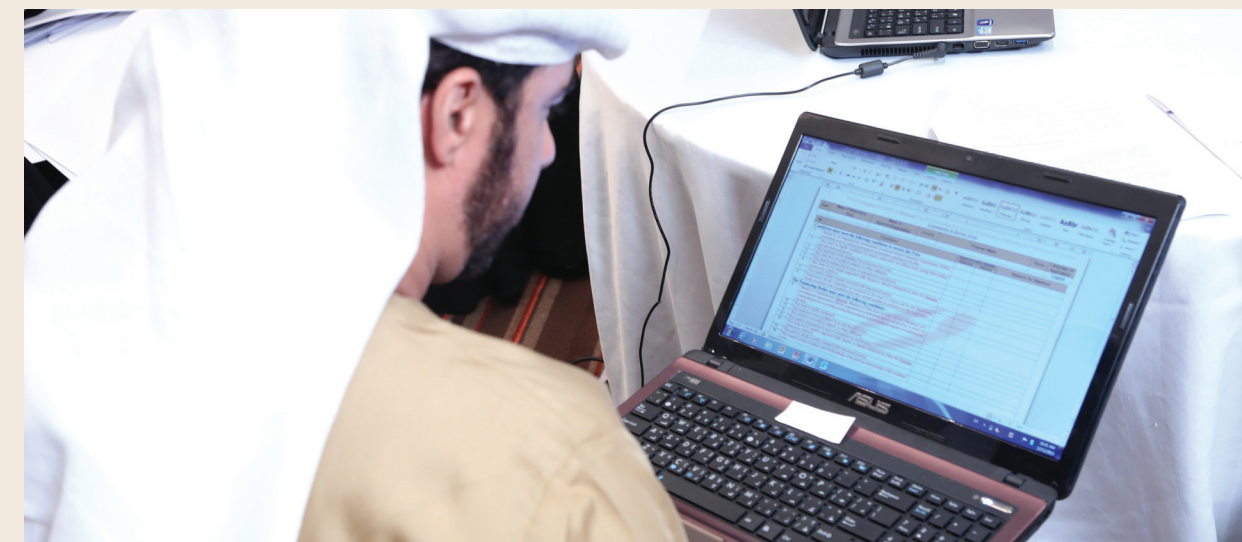
Through initiatives such as "Innovators 2025", Hamdan Foundation continues its efforts to nurture creative minds and establish an educational environment that inspires innovation. These efforts reaffirm the Foundation's long-term commitment to empowering new generations to contribute to a more sustainable and innovative future.





Honoring the 3 laureates on 5 October 2026 in Paris

## 31 October is the Deadline for Nominations for UNESCO-Hamdan Prize for Teacher Development



### Dubai - 'Akhbar Al Tamayoz'

Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, in cooperation with the United Nations Educational, Scientific, and Cultural Organization (UNESCO), has announced the opening of nominations for the 2025–2026 cycle of the UNESCO-Hamdan Prize for Teacher Development, which is awarded every two years to recognize outstanding global practices in enhancing the quality of education and teacher performance. The Foundation and UNESCO invited educational and research institutions, as well as relevant governmental, and non-governmental organizations, to submit their nominations through the Prize's website before 31 October 2025 (midnight Paris time).

The three laureates will be honored in an official ceremony held in conjunction with World Teachers' Day on 5 October 2026 at UNESCO Headquarters in Paris. Accumulated Achievements

His Excellency Dr. Khalifa Al Suwaidi, Executive Director of the Foundation, said: "The Prize continues to honor outstanding teachers from various regions and continents across the world. It has successfully built on its accumulated achievements throughout its previous cycles by providing a global platform to share successful educational practices and encourage innovation in education". He stressed that investing in teachers is investing in the future, as they are the driving force for community development.

H.E. added: "The previous cycles

The Prize is awarded every 2 years to recognize outstanding global practices in enhancing the quality of education and teacher performance

**Khalifa Al Suwaidi:** Investing in teachers is an investment in the future, as they are the driving force behind community development

**Hamdan Foundation is committed to enhancing the status of teachers and providing them with the resources and capabilities that enable them to fulfill their mission**

have demonstrated that this Prize is not limited to honoring distinguished individuals, but also motivates educational institutions and teachers to continuously develop teaching methods, and create new solutions to the challenges facing education globally. Through our partnership with UNESCO, we aspire to build a growing international network of experts, teachers, and institutions that contributes to advancing the quality of education and strengthening its role in achieving sustainable development". He emphasized that "the Foundation is committed to elevating the status of teachers, equipping them with the resources and capabilities that empower them to fulfill their mission to the fullest extent, which will have a positive impact on future generations". A Firm Commitment

He stressed that the Prize embodies the UAE's firm commitment to supporting education and teachers worldwide, pointing out that investing in the development of teachers' capabilities is the foundation for building higher-quality and more sustainable education systems. This aligns with the Foundation's vision and mission of promoting educational excellence, and highlighting the pivotal role of teachers in the comprehensive development process. The laureates are selected by an independent international jury composed of five distinguished education experts, appointed by the Director-General of UNESCO to ensure fair representation of the world's different geographical regions.





## Hamdan Foundation Joins the High-Level Panel Overseeing the Global Study on the Status of Teachers



### Dubai - 'Akhbar Al Tamayoz'

The International Task Force on Teachers for Education (TTF) has approved Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences as a member of The High-Level Panel on the Teaching Profession, overseeing UNESCO's comprehensive global study to monitor and analyze the status of teachers worldwide.

The announcement came during the recent meeting of the Board of the TTF, attended by Her Excellency Stefania Giannini, UNESCO Assistant Director-General for Education; His Excellency Dr. Khalifa Al Suwaidi, Executive Director of Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences; along with experts and members of the TTF from various countries.

Giannini expressed her gratitude to the participating institutions and praised the efforts of the international team in keeping the issue of teachers at the forefront of the global education agenda.

### A Pioneering Role

Dr. Khalifa Al Suwaidi explained that the Foundation's membership in the High-Level Panel on the Teaching Profession is a culmination of its pioneering role in supporting teachers and promoting educational initiatives at both regional and international levels, under the guidance of Sheikh Rashid bin Hamdan bin Rashid Al Maktoum, Supreme Chairman of the Foundation.

**Khalifa Al Suwaidi:**  
The Foundation's membership in the High-Level Panel crowns its pioneering role in supporting teachers and advancing educational initiatives regionally and internationally.

**Stefania Giannini**  
commends the efforts of the international team in keeping the issue of teachers on the global agenda.

The Foundation's membership reflects its position as a strategic partner in international efforts to advance education.

He emphasized the Foundation's belief in the importance of building an inclusive and supportive environment for teachers, whether in terms of policy, development opportunities, or societal appreciation, given its direct impact on the sustainability of education systems and the quality of their outcomes.

### Accurate Knowledge Base

This study is one of the UNESCO's flagship initiatives, aimed at providing a comprehensive and accurate knowledge base on the challenges facing teachers and the teaching profession in general. It comes at a time when teacher shortages are increasing globally, and the attractiveness of the profession among younger generations is declining. The study seeks to inform international policies and strategies that support teachers, improve their working conditions, and strengthen their status within education systems.

### Strategic Partnership

The Foundation's membership in the High-Level Panel on the Teaching Profession reflects its position as a strategic partner in international efforts to advance education, particularly in developing the teaching profession and fostering innovation in teacher preparation and training. Through its participation, the Foundation contributes technical and knowledge-based support to ensure the success of this initiative, in line with its mission to enhance the quality of education and promote educational excellence.



Evaluation process launched with the highest standards of integrity and scientific accuracy

116

## Research from 13 Arab Countries Compete for Hamdan-ALECSO Award for Distinguished Educational Research



### Dubai - 'Akhbar Al Tamayoz'

The 2025 cycle of Hamdan-ALECSO Award for Distinguished Educational Research has attracted 116 research papers from 13 Arab countries, covering a wide range of topics, including the development of teaching methods, the integration of modern technologies in education, addressing field challenges, and offering practical, applicable scientific solutions.

The Award is regarded as one of the leading Arab prizes dedicated to honoring innovative educational research papers that contribute to the development of the educational process and the enhancement of its outcomes.

Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences announced the launch of the evaluation process for the submissions. The jury convened its official meeting at the Foundation's headquarters to review and assess the submitted research, and monitor the progress of the process, ensuring compliance with the highest standards of integrity and scientific rigor.

The winners will be announced and honored at the Foundation's annual ceremony, held under the patronage and in the presence of the Foundation's Supreme Chairman, as part of its commitment to supporting educational excellence, and strengthening the role of scientific research in advancing Arab education. The Foundation will also accompany the jury's meetings with media coverage through its digital platforms and media outlets,

### Mohammed Al Hosani: The diversity of research topics this year reflects a growing awareness of the importance of scientific research as a fundamental tool for the development of education

providing the public with insights into the evaluation process, and the atmosphere of the jury's work.

A Pioneering Leading Platform Dr. Mohammed Al Hosani, the Evaluation Committee Chair of Hamdan-ALECSO Award for Distinguished Educational Research, said: "The Award continues to consolidate its position as a leading platform for supporting educational research. The remarkable diversity in research topics this year reflects a growing awareness of the importance of scientific research as a fundamental

tool for educational development. The jury meeting marks a pivotal stage in the Award's journey, as it ensures the selection of the most outstanding and deserving research papers, based on transparent and objective criteria".

A Prestigious Standing This cycle has witnessed a remarkable participation, reflecting the Award's prestigious standing at the regional level, and its role in stimulating educational research activity in the Arab world. The submission period ran from 6 January to 15 July 2025.

The Award was first launched in 2003 under the title "Best Applied Local Research" to support the quality of education in the UAE before expanding in 2007 to include Arab countries. In 2021, the Foundation established a strategic partnership with the Arab League Educational, Cultural, and Scientific Organization (ALECSO) to unify efforts in supporting distinguished educational research, in line with ALECSO's mission to advance education, culture, and science across the Arab world.

The Award targets all categories of professionals in the educational field, including teachers, school principals, supervisors, academics, social workers, psychologists, and educational administrators. By providing them with a platform for competition and meaningful contribution, and through a rigorous evaluation process led by specialized experts, the Award seeks to select research that delivers real added value, and translates ideas into applicable practices in Arab educational environments.





Evaluation completed and final results to be announced in November

## Personal Interviews Begin for Local Nominees of Educational Awards



### Dubai - 'Akhbar Al Tamayoz'

Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences has launched the second phase of evaluations for the educational awards at the local level by organizing personal interviews for nominees in the categories of Distinguished Student, Distinguished University Student, and Distinguished Educator. The interviews are conducted at the Foundation's headquarters under the supervision of accredited judging panels, and according to a precise schedule.

The evaluation process will conclude with the announcement of the final winners in November, as part of the Foundation's preparations for the official honoring ceremony.

### Comprehensive Criteria

The personal interviews include 44 nominees in the Distinguished Student Award (local level), two nominees in the Distinguished University Student Award, and four nominees in the Distinguished Educator Award (local level). The interviews are conducted according to comprehensive evaluation criteria, based on academic merit, personal skills, and community contributions.

The judging process also includes personal interviews, and field visits for other categories of both the local and GCC-level awards. This stage is part of the Foundation's continuous efforts to foster a motivating educational environment, recognize talent and excellence across various educational fields, and fulfill its mission of supporting and developing education at both local and regional levels.

### Broad Participation

This year's cycle has seen wide participation, with 189 local nominations submitted: 122 for the Distinguished Student category, 30 for the Distinguished Teacher category, 20 for the Distinguished Educator category, seven for the Distinguished University Student category, eight for the Distinguished School category, and two for the Institutions Supporting Education category.

At the GCC level, 105 nominations were submitted: 31 for the Distinguished Student category



The interviews covered 3 local categories:

44 participants in "Distinguished Student", 2 in "Distinguished University Student", and 4 in "Distinguished Educator"

The interviews are based on criteria including academic merit, personal skills, and community contributions

The Foundation received 189 local nominations, and 105 from the GCC.

### Ali Al Kaabi:

The judging panels are committed to applying the highest standards of accuracy and impartiality to ensure credibility, and uphold the principle of equal opportunity

(academic and non-academic), 30 for the Distinguished Teacher category, 16 for the Distinguished Educator category, and 28 for the Distinguished School category.

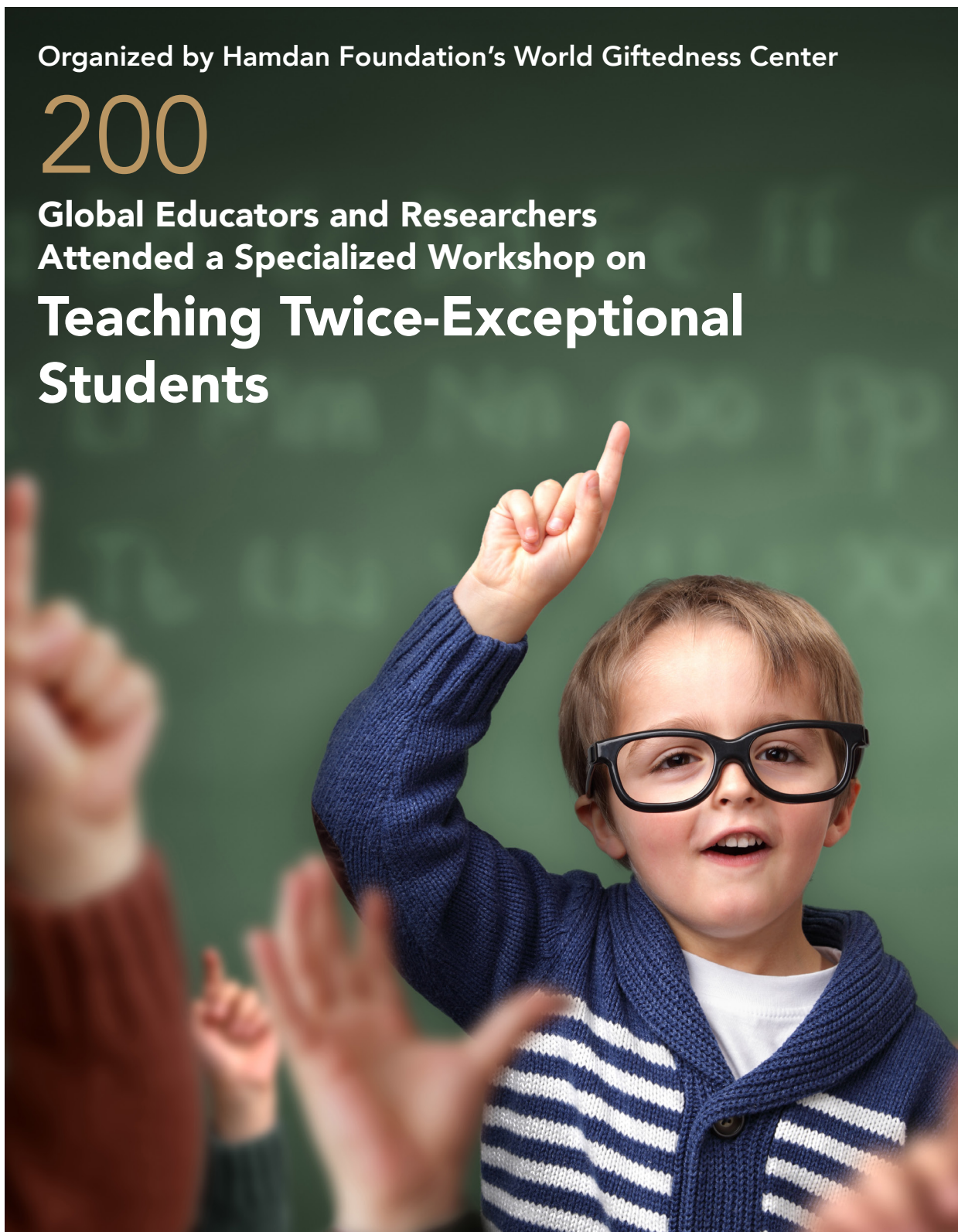
### An Important Step

Dr. Ali Saeed Al Kaabi, General Coordinator and Head of the Arbitration Committees, said: "The personal interview stage is a vital step in the evaluation process, as it allows the panels to directly engage with the nominees, and comprehensively assess their achievements".

He emphasized the panels' commitment to applying the highest standards of accuracy and impartiality to ensure credibility and reinforce the principle of equal opportunity. He added that the Foundation continues, through these efforts, to entrench a culture of excellence and innovation within the educational community.

The significant growth in participation in this cycle of the Awards, along with the diversity of categories, and the increased level of competition, reflects the rising interest of individuals and educational institutions in taking part, and showcasing best practices and educational achievements. The judging panels, which include a distinguished group of experts in various educational fields, conduct evaluations based on rigorous methodologies that ensure transparency and fairness.

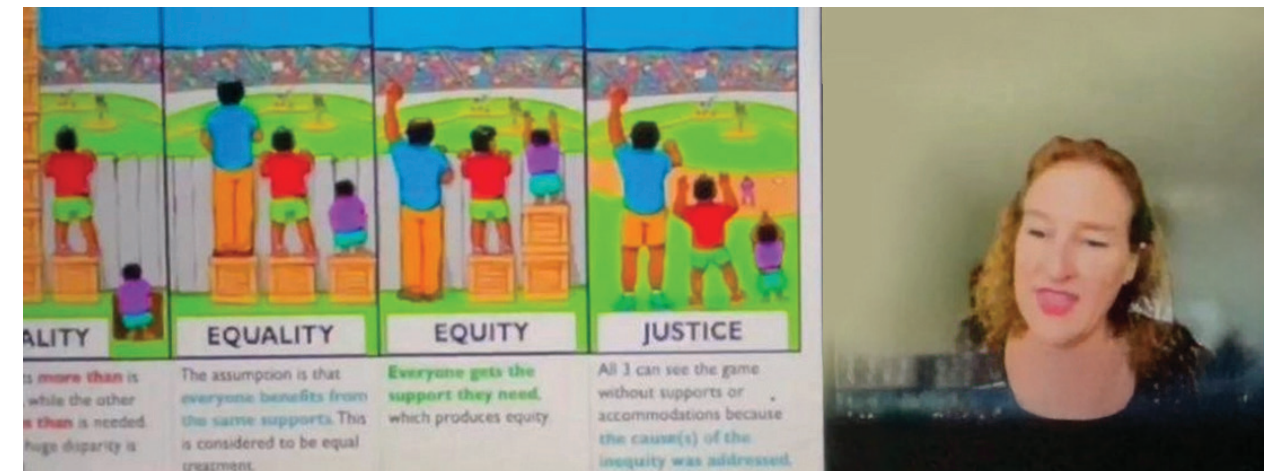




Organized by Hamdan Foundation's World Giftedness Center

200

## Global Educators and Researchers Attended a Specialized Workshop on Teaching Twice-Exceptional Students



### Dubai - 'Akhbar Al Tamayoz'

A specialized digital workshop titled "Educating Twice-Exceptional Learners: Connecting Paradigms" was organized by the World Giftedness Center (WGC), an affiliate of Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences. The event attracted more than 200 educators, researchers, and professionals from across the globe. Efficiency Excellence and Professionalism

Dr. Mariam Alghawi, Director of Hamdan Center for Giftedness and Innovation, said: "The workshop on teaching twice-exceptional students represents an important milestone within the programs of the WGC. We are keen to provide high-level scientific and educational content that is grounded in the latest theories and practices in supporting students with exceptional abilities alongside learning challenges".

She added: "This workshop reflects our commitment to building an inclusive educational system that enhances the quality of specialized services offered to this vital group, while supporting educators in identifying and addressing their needs with efficiency excellence and professionalism".

### Inclusive Learning Environments

The workshop was presented by Dr. Claire E. Hughes, an international expert in the field of teaching twice-exceptional students. She introduced the "Trellis and Blossom" educational



**Dr. Mariam Alghawi:**  
We are keen to provide high-level scientific and educational content based on the latest theories and practices

The Foundation aims to empower educators to address one of the most challenging groups in the educational system

Providing professional learning opportunities aligned with best research practices and international standards in giftedness

model, which integrates structural support with creative growth, emphasizing personalization and adaptive technology. The workshop also highlighted the role of artificial intelligence in creating inclusive learning environments responsive to the needs of twice-exceptional students.

It further focused on students who demonstrate high cognitive abilities and talent while facing educational or behavioral challenges that require precise interventions combining Multi-Tiered Systems of Support (MTSS), and personalized learning pathways designed to enhance performance and remove psychological and cognitive barriers.

### Applied Strategies

Participants discussed applied strategies across diverse learning environments. The workshop witnessed rich interaction, raising numerous questions on inclusion policies, educational equity, adaptive assessment ethics, and the development of Individualized Education Plans (IEPs) that address both giftedness and learning difficulties.

This workshop comes as part of the Foundation's continuous efforts to empower educators to work with some of the most challenging groups in the educational system, and to provide professional learning opportunities aligned with best research practices and international standards in gifted and special education.





## Hamdan Center for Giftedness Students Achieve Top Rankings in Cambridge Pre-University Program

**Mariam Alghawi:**  
Our talents are capable  
of leading research and  
scientific projects that  
contribute to the UAE's  
progress.

Groundbreaking  
research achievements  
in engineering, physics,  
cybersecurity, and nuclear  
energy

The accomplishments  
reflect the ability of Emirati  
students to compete in  
prestigious international  
academic environments.



### Dubai - 'Akhbar Al Tamayoz'

Students from Hamdan Center for Giftedness and Innovation, an affiliate of Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences, achieved remarkable success during their participation in the pre-university program at Fitzwilliam College, University of Cambridge. They earned certificates of excellence across various academic research fields, alongside more than 250 students from 15 countries worldwide.

**Clear Vision**  
Dr. Mariam Alghawi, Director of the Center, said: "We are proud of our students' outstanding performance, which reflects their ability to innovate and excel in the world's most prestigious academic settings. These successes are the result of a clear vision and an integrated strategy for nurturing talent and developing research and scientific skills". She added: "Their distinguished participation at a world-class university like Cambridge demonstrates the quality of the academic preparation we provide, their ability to engage in advanced scientific discussions, and their capacity to produce in-depth, innovative research". Dr. Alghawi further emphasized: "We believe that investing in young minds is an investment in the nation's future. These talents are capable of leading research and scientific projects that

contribute to the UAE's advancement and strengthen its position in global science and technology".

**Extensive Research**  
Student Humaid Al Hooli was named Best Overall Student across all cohorts in the program for his participation in the Mechanical and Electrical Engineering course. His extensive research on the Chernobyl disaster examined its historical context, technical causes, and environmental and human impacts, highlighting its role in reshaping global nuclear safety standards and contributing to the development of safer operating systems for nuclear power plants. Student Khalid Al Emadi won first place in the Mechanical and Electrical Engineering course with his research on advanced applications of artificial intelligence in aviation. His study focused on analyzing real-time aircraft data for early fault detection, enhancing predictive maintenance, and improving air traffic monitoring systems to boost safety and reduce accidents.

**Future applications**  
Student Hanadi Darwish secured first place in Physics, presenting a comprehensive research project on antimatter. Her study explored the theoretical foundations of antimatter, possibilities of artificial production in high-energy laboratories, technical challenges of storage and usage, and potential future applications in energy and medicine.

Student Sayed Mansour Al Hashemi participated in the Cybersecurity and Computer Science course, presenting a research paper on password security. His study analyzed common hacking methods and vulnerabilities in traditional authentication systems, while proposing innovative solutions such as multi-factor authentication and advanced encryption techniques to enhance data protection against growing digital threats.

**A Pioneering Leading Center**  
This achievement reflects the vision of Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences in supporting gifted students and preparing them to compete globally, while reaffirming the UAE's position as a leading hub for creativity and innovation.

Hamdan Center for Giftedness and Innovation continues to develop its academic and training programs, expanding opportunities for participation in international scientific events and enabling students to lead innovative projects that shape a knowledge-based future.

The Center is one of the Foundation's flagship initiatives, dedicated to identifying and nurturing gifted students through advanced educational and training programs, and opportunities to participate in international academic activities. It aims to develop their scientific and practical skills, and prepare them to become future leaders across diverse fields.





330 applications from 18 countries in the current cycle

## 15 October: Set to Complete Completing Assessment for 161 Submissions in the 2025 Medical Awards

### Dubai - 'Akhbar Al Tamayoz'

A total of 161 submissions to the medical awards of Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences are undergoing the evaluation phase, scheduled for completion on 15 October.

Organizers of the medical awards, which aim to honor outstanding achievements in healthcare both locally and regionally, announced that the 2025 edition received 330 applications from 18 countries, including the United Arab Emirates, Saudi Arabia, Lebanon, Egypt, Oman, Iraq, India, Kuwait, the United Kingdom, Qatar, Jordan, the Democratic Republic of the Congo, Morocco, the United States of America, Pakistan, Tunisia, Syria, and Ghana.

Following an initial review, 261 applications proceeded to the administrative and technical screening stage, which involves verifying compliance with the award's conditions and criteria.

The evaluation is carried out by specialized committees comprising distinguished experts in the field, who

**Salama Al Muhairi:**  
The evaluation process adheres to the highest standards, ensuring transparency and fairness in assessment.

apply the specific criteria set for each award category.

Dr. Salama Al Muhairi, Director of Medical Excellence at the Foundation, affirmed that the evaluation process adheres to the highest standards to ensure transparency and fairness. She explained that the Medical Awards highlight achievements that can advance medical practices, while encouraging and supporting researchers to present innovative studies that make a significant impact in the fields of medicine and healthcare.

She added: "The Foundation is committed to sharing the outcomes

of the winning works, making them a source of inspiration and a model in scientific and medical fields, while also contributing to new solutions that address the growing challenges in the healthcare sector".

The Medical Awards consist of two main categories. The first one is dedicated to recognizing healthcare and research achievements in the Arab world, including the Arab Award for Research in Healthcare and the Arab Award in Genetics.

The second category focused on honoring exceptional local efforts, including the Best Research in Healthcare, the Innovation in Healthcare Award, and the Hamdan Award for Distinguished Personalities.

Over its past editions, the medical awards have achieved remarkable success, attracting high-quality submissions from both within the UAE and abroad. This reflects the Foundation's commitment to supporting innovation and promoting a culture of excellence in healthcare, while shedding light on groundbreaking achievements in scientific research and healthcare delivery.

## Hamdan Foundation Organized a Specialized Workshop on Genomic Databases at the Medical Genetics Conference in Dubai



**Khalifa Al Suwaidi:**  
We are committed to supporting continuous medical education and contributing to the transfer of specialized knowledge to doctors and healthcare professionals.

### Dubai - 'Akhbar Al Tamayoz'

Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences participated in the 2025 Middle East and North Africa Medical Genetics Association (MENA-MGA) Conference, held in Dubai, where it organized a specialized training workshop titled "Genomic Databases: A Practical Guide for Clinicians", in collaboration with the Centre for Arab Genomic Studies (CAGS).

The MENA-MGA aimed to enhance scientific cooperation and exchange expertise in the field of rare genetic disorders and precision medicine, featuring more than 40 lectures and workshops that highlighted the latest practices in genetic diagnosis and treatment, as well as applications of artificial intelligence in medical genetics.

### High-Impact Attendance

The workshop drew a distinguished audience of physicians and specialists. It featured a practical, hands-on approach that allowed participants to directly interact with global databases such as ClinVar and

GnomAD. The workshop formed part of the Foundation's Continuing Medical Education (CME) program and was accredited with CME hours, underscoring its quality and value within the conference agenda.

### Knowledge Transfer

His Excellency Dr. Khalifa Al Suwaidi, Executive Director of the Foundation, said: "At Hamdan Foundation, we are committed to supporting continuous medical education and contributing to the transfer of specialized knowledge to doctors and healthcare professionals, particularly in advanced fields of genetic medicine".

He added: "Our participation in the MENA-MGA Conference reflects our strategic commitment to strengthening diagnostic and therapeutic capacities in rare diseases, which in turn impacts the quality of healthcare provided in the UAE and the wider Arab region. This workshop has demonstrated the practical impact of integrating education and technology, and we believe in the importance of expanding and scaling this model in the near future".

### Workshop Highlights

The scientific program opened with an introduction to genomics and genomic databases, followed by a hands-on training session and a closing discussion with speakers and participants. Key topics included an introduction to genomic databases such as ClinVar and GnomAD, methods of matching genetic patterns with clinical phenotypes, ethical and professional challenges in interpreting genetic variants, and mechanisms for integrating databases into modern healthcare systems.

### Advanced Skills

The initiative enabled young medical professionals in the region to acquire advanced practical skills in genetic medicine, while strengthening cooperation between academic and research institutions across the Arab world. Participants emphasized the importance of repeating and expanding such workshops to include multiple clinical specialties, thereby enhancing data-driven diagnostic and therapeutic systems across the region.





## Hamdan Foundation Showcases Key Medical Initiatives and Programs at the Dubai Medical Research Forum

**Salama Al Muhairi:** The Foundation's participation underscores its commitment to promoting a culture of continuous learning.

High-level discussions addressed patient-centered innovation, research governance, and integration between healthcare institutions, universities, and research centers.



### Dubai - 'Akhbar Al Tamayoz'

Hamdan bin Rashid Al Maktoum Foundation for Medical and Educational Sciences highlighted its impactful medical initiatives and programs, particularly the medical awards, research projects, and scientific studies, during its participation in the second edition of the Dubai Medical Research Forum (DMRF 2025).

The event was organized by Dubai Health Authority and featured broad participation from researchers, healthcare leaders, and policymakers from the UAE and abroad.

#### An Innovative Environment

Dr. Salama Al Muhairi, Director of Medical Excellence at the Foundation, took part in a panel discussion where she emphasized the Foundation's efforts to support excellence in medical education and research. She shed light on its initiatives aimed at fostering an innovative knowledge environment that contributes to enhancing the quality of educational and healthcare services.

She stressed that the DMRF represents a highly strategic platform for showcasing best practices, discussing shared challenges, and activating research partnerships between leading institutions at both regional and global levels.

Dr. Al Muhairi added that the Foundation's participation this year underscores its commitment to promoting a culture of continuous learning, while opening avenues of cooperation with decision-makers, academics, and researchers, paving the way toward a more efficient, equitable, and innovative healthcare system.

#### Health Sector Leadership

The DMRF reflected the accelerating efforts to empower a modern and integrated research ecosystem founded on ethical standards and smart legislation, in line with the UAE's aspirations to lead the health sector regionally and globally.

The event also featured high-level discussions on patient-centered innovation, research governance, and integration between healthcare institutions, universities, and research centers.

