

برعاية خادم الحرمين الشريفين الملك سلمان بن عبدالعزيز آل سعود  
المؤتمر الدولي السادس للإعاقة والتأهيل  
The 6<sup>th</sup> International Conference on Disability & Rehabilitation

الرياض، المملكة العربية السعودية Kingdom of Saudi Arabia

"جرأة نحو المستقبل" Daring the future



مركز الملك سلمان لأبحاث الإعاقة  
King Salman Center For Disability Research

علم ينفع الناس Science Benefiting People

The daily bulletin of the sessions of the 6th International Conference on Disability and Rehabilitation

First issue

## On behalf of the Custodian of the Two Holy Mosques Governor of Riyadh Region Inaugurates Today 6th International Conference on Disability



On behalf of the Custodian of the Two Holy Mosques King Salman bin Abdulaziz Al Saud, His Royal Highness Prince Faisal bin Bandar bin Abdulaziz, Governor of Riyadh Region, and His Royal Highness Prince Sultan bin Salman bin Abdulaziz, Special Advisor to the Custodian of the Two Holy Mosques Chairman of the Board of Trustees of the King Salman Center for Disability Research and Chairman of the Supreme Supervisory Committee, inaugurate today the activities of the 6th International Conference on Disability and Rehabilitation at Princess Haya Conference Hall, Alfaisal University, Riyadh.

The conference, organized by the King Salman Center for Disability Research, will be held during the period from 4-6 December, with the participation of more than 5,000 researchers, specialists and interested people from inside and outside the Kingdom. Dozens of governmental, scientific, and educational bodies and agencies from several countries of the world will attend the conference.

The opening ceremony of the conference will also witness the honoring of the winners of the King Salman International Award for Disability Research in its third

session, and there are six winners from inside and outside the Kingdom. The conference activities will also witness the participation of the winners in the conference sessions and the presentation of the results of their winning research, which is expected to contribute to enriching the scientific content of the conference, and to the recommendations that the conference will come up with to serve people with disabilities, improve their quality of life, and serve the research aspect related to them and their issues.

It is worth noting that this conference is the sixth conference, and it was preceded by five international conferences on disability, which witnessed the presence and direct patronage of the Custodian of the Two Holy Mosques, as well as the close follow-up of His Royal Highness Prince Sultan bin Salman, Chairman of the Board of Trustees of the Center, and Chairman of the Supreme Supervisory Committee of the conference to put the recommendations of the conference into practice, and his follow-up and supervision played a role in issuing a number of government decisions and initiatives to serve people with disabilities and facilitate

their lives.

Among the most prominent outputs of the previous conferences was the preparation of the system for the care of people with disabilities, the establishment of the Authority of People with Disability, the implementation of the National Research Project for the Study of Disability, the implementation of the National Program for Early Screening for Disability in Newborns, and the establishment of the National Program for Disability Research with King Abdulaziz City for Science and Technology, in addition to setting the general framework for the national program for mental health. It also had clear imprints in the universal access system by developing its own guiding guides and other outputs that contributed to improving the reality of people with disabilities in the Kingdom and placed the King Salman Center for Disability Research and the Association of Children with Disabilities at the forefront of the working and distinguished agencies in serving this file in the Kingdom, and at the regional and international levels in the research and scientific fields, as well as the operational and applied fields.

Prince Sultan bin Salman, Special Adviser to the Custodian of the Two Holy Mosques and Chairman of the Supreme Supervisory Committee of the 6th International Conference on Disability and Rehabilitation, in an exclusive dialogue:

## King Salman is an "exceptional role model" in sponsoring scientific research in the fields of disability

His Royal Highness Prince Sultan bin Salman bin Abdulaziz, Special Adviser to the Custodian of the Two Holy Mosques Chairman of the Board of Trustees of the King Salman Center for Disability Research, Chairman of the Supreme Supervisory Committee of the 6th International Conference on Disability and Rehabilitation, confirmed that the issue of disability received personal care and special attention from the Custodian of the Two Holy Mosques. HRH added that this had a profound impact on bringing about a qualitative shift at the level of legislation, services and initiatives that contributed to making the issue of disability an issue for the entire society and not only a problem for people with disabilities. HRH said in a special dialogue on the 6th International Conference on Disability and Rehabilitation that the King Salman Center for Disability Research plays a prominent role in managing and stimulating scientific research related to people with disabilities.

This dialogue included many prominent issues on all scientific research affairs in various fields of disability.

• The 6th International Conference on Disability Research is being held under the patronage of the Custodian of the Two Holy Mosques, as part of his continuous care and adoption of the issue of disability in the Kingdom completely since its inception. Have we talked about that?

- The Custodian of the Two Holy Mosques King Salman bin Abdulaziz adopted the issue of disability within the framework of his generous care for humanitarian and charitable work since he was Riyadh Region Governor. The issue of disability and all categories of people with disabilities received personal care and special attention from King Salman, and this had a great impact in bringing about a quantum leap in the level of legislation, services and initiatives that contributed to making the issue of disability an issue of the entire society and not only a problem for people with disabilities. The care of the Custodian of the Two Holy Mosques was embodied through a historic march of achievements achieved by the Children with Disabilities Association and then the King Salman Center for Disability Research. More than forty years ago, the King adopted the establishment of the association, in 1977, and he was the Riyadh Region Governor at the time. He followed up the idea step by step since he presented it to the late King Khalid bin Abdulaziz and the association was officially registered, and he was the first to donate to the establishment of the association an amount of two million riyals. His continuous and blessed support for the association continued until the idea of establishing the King Salman Center for Disability Research was presented to him, and he agreed immediately, supported the idea, and contributed five million riyals to establish the center. His support and sponsorship of the association and the Center continues to be a beacon to follow for us, a fuel that gives us energy for giving and work, and an exceptional pioneering role model for the disability issue file, and this was embodied in his generous sponsorship of the Kingdom's Vision 2030, which seeks to empower people with disabilities.

• The International Conference on Disability Research constitutes an important achievement of the King Salman Center for Disability Research. What is your view of the center and its current and hoped future role in serving the issue of disability?

- The King Salman Center for Disability Research plays a prominent role in managing and stimulating scientific research that is related to people with disabilities, not only at the level of the Kingdom, but also at the level of the region and the world. It is considered a unique center in its specialization at the international level, and for this reason



the center's activities, research and conferences in the field of disability constituted a point of attraction for researchers and experts specializing in the issue of disability from all over the world, and it contributed effectively and positively to improving the quality of life of people with disabilities through the latest innovations, inventions and ideas. We have launched the slogan "Science benefiting people" to be a beacon for us in the center to ensure that the work and research activity of the center is practical and realistic and is applied in a way that benefits people and people with disabilities. Perhaps one of the most important roles entrusted to the center during the coming period is to

**King Salman Center for Disability Research plays a leading role in managing and stimulating scientific research in the fields of disability**

keep abreast of the latest developments in the research and scientific field related to the issue of disability, to ensure continuous development in services for people with disabilities, and to move the solutions provided to them to a more advanced level, and commensurate with the care that this dear group deserves from us. Among the goals of the center and the roles assigned to it is to develop the quality of scientific research to address disability in various fields, lead innovation in various fields of disability, and build strategic partnerships with stakeholders.

• Previous conferences on disability research had a significant imprint and a key role in pushing for the issuance of many government decisions and regulations to serve the issue of disability in the Kingdom. What are the most prominent decisions and regulations that came out of the International Conference on Disability Research?

- Since its inception, the King Salman Center for Disability Research has sought that its contributions be scientific, practical, and applicable, not just recommendations and proposals. This thought and culture was reflected in the conferences organized by the center, which were followed up and implemented with all its recommendations, including what was done by the decisions of the Council of Ministers, such as the universal access system. It was prepared by the King Salman Center for Disability Research, and now this system has permeated all state systems. There is



also the Authority for the Care of People with Disabilities, which began as a demand for the establishment of a higher council for people with disabilities, and when it was not established, we demanded something higher such as the Authority for the Care of People with Disabilities, which was established recently. This also includes the system for caring for people with disabilities, sensory rooms in the Kingdom's airports, and others.

• **The activities of the 6th conference witnessed the announcement of the results of the King Salman International Award for Disability Research. What is the importance of this award and its role in serving the scientific and research activity of the issue of disability?**

- The award is one of the circles of attention related to the issue of disability in the Kingdom, and encourages everything that would serve this file, improve, and develop it. The award aims to encourage local, regional, and global efforts aimed at enriching science and knowledge in the various fields of disability. It also has a role in stimulating the research and scientific movement of the international conferences on disability and rehabilitation organized by the Center. During the conference, the winners in the various areas of the award are honored, and the winners participate in the proceedings of the conference by allocating main sessions for them. The research presented by the award winners receives follow-up and attention to be a huge part in the series of research and scientific efforts of the Center in serving the disability file and improving the quality of life of people with disabilities, and access to innovations and inventions to facilitate their lives and reduce their suffering.

• **King Salman Center for Disability Research emerged from the Children with Disabilities Association, which Your Royal Highness had the credit for transforming into a pioneering and exceptional national entity in managing the disability file in the Kingdom. Tell us about that.**

- I was honored to assume the Chairmanship of the Board of Directors of the Association after my election from the members of the General Assembly in 1309 H, under the directives of my father and the father of all, King Salman bin Abdulaziz and he had the greatest role in pushing me towards agreeing to that, and engaging in this humanitarian and charitable work. Since my return from the space flight in 1985 I embarked on a long and extended journey with the Association, during which we were able to move the disability file from an absent and isolated issue, that was suffering from neglect and a sense of defect among people, to a national issue and a common concern of all components of the country, and from a single headquarters of the Association in Riyadh to eleven centers spread

throughout the Kingdom, and the Association has become a leading national institution that leads the change and the development of regulations, legislation and national bodies that serve the issue of disability. It has become referred to as remarkable, not at the national level only but at the regional and international levels. It became a lofty edifice with its contributions and participation at all levels, and the King Salman Center for Disability Research emerged from the Association to combine the practical effort to serve people with disabilities and the research and scientific effort.

• **What is your message to the researchers participating in the activities of this conference and the winners of the King Salman International Prize for Disability Research this season?**

- We aspire that the 6th International Conference on Disability and Rehabilitation will be a bold conference in shaping the future, by discussing disability issues and their files, and developing bold solutions and striving to achieve them. Here I must say that it is unreasonable in this era with the existence of empowerment, the care of King Salman with the issue of disability and the care of people with disabilities, the presence of the state's great capabilities of financial and moral funding, and the presence of organizing bodies, especially scientific bodies, among them undoubtedly King Abdulaziz City for Science and Technology, that we do not make achievements worthy of the name of the Kingdom of Saudi Arabia, and it is not possible while we are following what the world is doing today in the stage of advanced technology and the great openness

to Biomedics and to (IT) and (AI) technologies and others that there will be humans who do not see (blind), so a time must come soon when people who have not seen this world will be able to see anything from this world, and it is not possible today for people to continue on chairs and cannot walk, and we limit ourselves to (Assistive Technology) and a battery-powered walking chair. In this accelerated era, there is a noticeably big transformation in people's lives through research, technology, and new applications. We want the Kingdom of Saudi Arabia to be advanced and pioneer in these areas and contribute with the rest of the developed world in what serves people with disabilities, so we hope that this conference and the King Salman International Award for Disability Research are a real addition to that, and to make a profound shift in the issue of science that benefits people and people with disabilities.





# 7

## Recipients from Various Countries Win King Salman Award for Disability Research



جائزة الملك سلمان الدولية لأبحاث الإعاقة  
King Salman International Award For Disability Research



The 6th International Conference for Disability and Rehabilitation will be held at Al-Faisal University in Riyadh, from 4 to 6 next December, Under the patronage of Custodian of the Two Holy Mosques King Salman bin Abdulaziz Al Saud. The Conference aims to honor the winners in 3rd King Salman Award for Disability Research.

### The winners ... 3rd Session

#### Health and Medical Sciences in the field of Disability: (Shared)



**Dr. Elena Grigorenko, Yale University - USA**  
for developing many special diagnostic tests for people with disabilities, and its profound contributions in genetics.



**Dr. Samia Joseph Khoury, the Multiple Sclerosis Research Center - Lebanon**  
who established first multiple sclerosis specialized center in the Arab region according to the interdisciplinary methodology.

#### Rehabilitation and Social Sciences



**Dr. Ahmad bin Haider Al-Ghadeer, King Saud University, Saudi Arabia,**  
who received the first position in performance efficiency of Medical and Pharmaceutical Research chairs, for 2012, and the Wall of Fame certificate as one of the top 50 intellectual leaders in the world in the field of Higher Education for 2020.

#### Educational and Psychological Sciences: (Shared)



**Professor Peter Paul, Ohio University, USA,**  
for his profound contributions in special education administratively, technically, and research for nearly 40 years,



**Prof. Deny Menghini, Bambino Gesù, Children's Hospital, Rome, Italy,**  
for her global clinical expertise in special education and behavior.

#### Technical Department in the field of Disability



**Prof. Cuntai Guan, Nanyang University, Singapore.**  
He has developed many advanced technical systems to serve people with disabilities.

#### Universal Accessibility



**Riyadh Airports Co. – King Khaled International Airport – Terminal 5,**  
completed external, internal, and complementary communication and safety system, and created an appropriate environment for people with disabilities in accordance with international standards.

#### The Prize in Numbers

# 15

for universal accessibility.

# 31

in applications of technology.

# 28

in educational and psychological sciences.

# 42

were nominated in health and medical sciences.

# 370

Candidates from 46 Countries.

# King Salman Award for Disability Research

## Sustained Effort and Lasting Effect



International researchers' attention turned to the Saudi Capital, Riyadh, for the names of the winners of the 3rd King Salman International Award for Disability Research, as it is the most participated-in international award by the number of researchers from various countries. The 3rd session will include 370 researchers from 46 countries, compared to 42 countries participated in its first session, and 29 countries participated in the 2nd session.

The Award applies precise criteria for evaluating applicants' files, determining the volume of focus and scientific production in the field of disability for the professional contributions or community initiatives made by the applicant which serves the fields of disability, the magnitude of impact and the classification of the published scientific vessel, and the extent with disabilities at the national and global levels.

The idea to establish King Salman international Award for Disability Research came in fulfillment of the desire and proposal of His Royal Highness Prince Sultan bin Salman, Advisor to Custodian of the Two Holy Mosques and Chairman of the Board of Trustees of King Salman Center for Disability Research, and in his concern to activate scientific research in the field of disability locally, regionally, and globally. This award has become the largest in the world in this field, and senior scientist in the field of disability from various countries compete in it. They compete to promote the global scientific movement aiming to serve people with disability in all parts of the world, within the framework of the great interest that disability issues and people with disabilities receive from the Custodian of the Two Holy Mosques King Salman bin Abdulaziz Al Saud, and His Royal Highness Prince Mohammed bin Salman bin Abdulaziz Al Saud, Crown Prince. This is in addition to the efforts made by all government agencies and civil society institutions throughout the Kingdom, also higher education institutions contributed throughout their academic units, research centers, specialized periodicals in advancing the process of scientific work in the various fields of disability, and to meet the requirements of civil society in terms of integration between all its sectors.

This year's award winners in Health and Medical Sciences in the field of Disability are Prof. Elena Grigorenko from USA, and Prof. Samia Joseph Khoury from Lebanon. The winner in field of Rehabilitation and Social Sciences is Prof. Ahmad bin Haider Al-Ghadeer from Saudi Arabia. As for the

field of Technical Department in the field of Disability the winner is Prof Cuntai Guan, from Singapore. In the field of Educational and Psychological Sciences the winners are Prof. Peter Paul from USA, jointly with Prof. Deny Menghini from Italy. Riyadh Airports Co. – King Khaled International Airport – Terminal 5 have won the Universal Accessibility award. The Award is considered one of the most accurate international awards in its field, in terms of the level of standards and clarity in the method of evaluation. The award has five main branches of disability, which as follows: Health and Medical Sciences, Educational and Psychological Sciences, Rehabilitation and Social Sciences, Technical Applications in the field of disability, and Universal Access.





## memory of the conference



### First Conference:

The first international conference was inaugurated under the patronage of the Custodian of the Two Holy Mosques King Salman bin Abdulaziz Al Saud when he was the Governor of Riyadh region, during the period from 7 to 10 November 1992

#### The Conference Major Outcomes:

Set up a care system for people with disabilities

Implementation of the national project for disability research



### Second Conference:

The second international conference was inaugurated under the patronage of the Custodian of the Two Holy Mosques King Salman bin Abdulaziz Al Saud when he was the Governor of Riyadh region, during the period from 23 to 27 October 2000..

#### The Conference Major Outcomes:

Implementation of the national program for newborns disability screening

Establishing the National program for Disability Research with King Abdulaziz City for Science and Technology



### Third Conference:

The third international conference was inaugurated under the patronage of the Deputy Governor of Riyadh, Late Prince Sattam bin Abdulaziz during the period from 22 to 26 March 2009..

#### The Conference Major Outcomes:

Expand integration for students with disabilities

Draw the general vision for the national program for mental health

## What did they say about the Conference?

### A Pride for all the Citizens of Saudi Arabia



The great attention given to the issue of disability and people with disabilities in our country by our leadership, led by the Custodian of the Two Holy Mosques King Salman bin Abdulaziz, and His Royal Highness Mohammed bin Salman bin Abdulaziz the Crown Prince is a pride for all the citizens of Saudi Arabia, and that appeared in the efforts made by all government agencies and civil society institutions throughout the Kingdom, and we at Alfaisal University are honored to host this great global event that demonstrates the viability of the Kingdom in addressing the issue of disability. We are hoping that we keep up with the capabilities available at the university to keep pace with all the requirements of the international conference that will give the university a big honor, since the conference will be under the patronage of a dear name to our all hearts, the Custodian of the Two Holy Mosques, who made the issue of disability as one of the most important issues in our society, and contributed directly to the progress of scientific research through King Salman Award for Disability Research, which receives great interest from scientists around the world. Her Royal Highness.

#### Her Royal Highness

#### Princess Maha bint Mashari bin Abdulaziz

Vice President of King Faisal University

for Development and External Relations

### Virtual Hospital, and Welfare of People with Disability



Holding this international conference in the Kingdom is a special event, as it carries many outputs that give people with disabilities their right to care, in addition to consolidate the culture of scientific research locally, regionally and globally, and working to raise community awareness of disability research, as well as strengthening the role of scientific research, and benefit from the diverse experiences in the field of disability, also deepen the concept of partnerships and cooperation between research centers locally, regionally and globally, and to promote the protection and ensuring the full and equal enjoyment of all rights and fundamental freedoms for all people with disabilities. We eagerly look forward to discuss many issues in two important areas, first one is the virtual hospital in health, especially in the fields of disability and phobia, which created many great impact angles for us, among those examples is the speech disability, which I observed one of the cases, who prevented him from continuing his work, and after communicating through the virtual hospital, he succeeded in returning to his normal life. The second area is the prevention of disability, which goes in two direction including traffic safety, and it has a significant impact in reducing our disability numbers. Also, what distinguishes the Kingdom is premarital examination to avoid genetic disability.

#### H.E. Minister of Health

#### Fahad bin Abdulrahman Al-Jalajil



## 6th International Conference on Disability and Rehabilitation Gathers Elite Researchers, Academics, Experts

The King Salman Center for Disability Research (KSCDR) attracts elite researchers, academics, and experts in the fields of scientific research on disability and rehabilitation issues from several countries and parties concerned with people with disabilities and relevant institutions at the local, regional, and international levels in the 6th International Conference on Disability and Rehabilitation. The conference is organized under the patronage of the Custodian of the Two Holy Mosques King Salman bin Abdulaziz, the founder of the Center, and the supervision of His Royal Highness Prince Sultan bin Salman bin Abdulaziz, Advisor to the Custodian of the Two Holy Mosques and Chairman of the Board of Trustees.

In its sixth edition, the conference is an international scientific event that simulates the aspirations of the leader of the country, contributes to making qualitative leaps in all areas related to persons with disabilities. The conference also pursues to provide countless opportunities for professional, scientific, and cultural development in the fields of disability for researchers, interested persons, people with disabilities and their families, and services providers in the field of disability, which will contribute to the application of best practices in all areas of disability to improve the lives of people with disabilities.

The list of scientists, researchers and academics participating in the conference reflects the growing global momentum aimed at enabling people with disabilities to play the role assigned to them in society. The Kingdom of Saudi Arabia has proven its

leadership in this field, through the insightful vision of His Royal Highness Prince Sultan bin Salman bin Abdulaziz the Chairman of the Conference and Chairman of the Supreme Supervisory Committee, towards enabling their integration.

The conference is expected to be attended by heads of regional, international, and local organizations and federations, officials, scientists, and experts, in addition to their Excellencies university presidents, deans of colleges, participants from the education sector, the social rehabilitation sector, in addition to people with disabilities, and others. They will participate in the conference activities, and its dialogue sessions, workshops, and the accompanying exhibition, through the conference areas designed to exchange ideas, visions, expertise, and experiences on the main topic "Empowering Individuals with Disabilities from Childhood to Adulthood Between Research & Practice."

In the conference the results of the King Salman International Award for Disability Research in its third session will be announced. The award is honored to bear the name of the Custodian of the Two Holy Mosques, King Salman bin Abdulaziz Al Saud. He cared a lot about issues of disability and people with disabilities, and this was embodied in his establishment of the first center concerned with scientific research in the field of disability at the regional level, and one of the international remarkable centers, which is the King Salman Center Disability Research, which established this award that aims to encourage local, regional and global



efforts aimed at enriching science and knowledge in the various fields of disability.

It is worth noting that the interest in this conference and the award began with the selection of its main areas carefully, and through extensive consultations, to come in line with the directives of the leadership and the Kingdom's Vision 2030 towards empowering groups of society, as well as in line with the objectives of the National Transformation Program, for the benefit of groups of people with disabilities, to form real additions and initiatives adopted by the state in favor of the cause of disability.



## Dr. Ahmad Al-Ghadeer, the winner of the King Salman International Award for Disability Research:

# The Award is precious to me

Dr. Ahmed Al-Ghadeer, who won the King Salman International Award for Disability Research, confirmed that winning the award is the most precious to him, because it holds the name of the Custodian of the Two Holy Mosques. He explained that this conference will have a positive impact and a role in the development of the continuous qualitative scientific level in this field, hoping that the impact of this research would be reflected in the health care provided to people with disabilities.



**\* First, we congratulate you on the winning of the King Salman International Award for Disability Research, and we would like to ask you about your feelings on this occasion?**

- Praise be to Allah, during my scientific career, I have won several international and local awards, but winning the King Salman International Award for Disability Research is the most precious to me, because it holds the name of the Custodian of the Two Holy Mosques, which is the most important to me. I would like to extend my thanks to HRH Prince Sultan bin Salman bin Abdulaziz, Chairman of the Higher Supervisory Committee of the Award, and to H.E. the Minister of Hajj and Umrah and the Chairman of the Award Authority, Dr. Tawfiq bin Fawzan Al-Rabiah, and to the Secretary-General of the Award, Dr. Sultan Al-Sudairy, and all the arbitrating and scientific committees for their great efforts in arbitrating the submitted research.

**• The announcement of the results of the award winners coincides with the 6th International Conference on Disability and Rehabilitation. How do you see this conference and its role in serving the issues of disability?**

- Undoubtedly, organizing an international conference holds the name of the Custodian of the Two Holy Mosques on the issue of disability will be an impressive global event, in addition to the elite participating scientists and speakers who will discuss the latest research in various fields of disability, and this will have a positive impact and a

**The conference had a positive impact on the continuous development of the qualitative scientific level in the fields of disability.**

role in the development of the continuous qualitative scientific level in this area.

**• Recent years have witnessed an emerging of many distinguished scientists and inventors in the Kingdom of Saudi Arabia, which requires special attention and care and facilitating and encouraging in scientific research. How can this be achieved from your point of view?**

- Scientific research receives great attention for our leadership, and we should not forget the establishment of the Research, Development, and Innovation Authority about two years ago by a decision of the Council of Ministers, and the association of that authority directly with the Prime Minister, HRH Prince Mohammed bin Salman bin Abdulaziz, the Crown Prince. We look forward to the successes that this Authority will achieve, by set up its programs and the regulations to activate the scientific research system in all research centers and universities in the Kingdom.

**• You were one of the recipients of the Wall of Fame certificate, as one of the top 50 intellectual leaders in the world in the field of Higher Education for 2020. In your opinion, what is the role of the higher education institutions in serving the issue of disability and research efforts related to it?**

- My academic journey ranged from assistant professor to associate professor, then to professor and consultant in the field of medical rehabilitation, and during that period, I established groups of research and a research chair, which became one of the most active research chairs at King Saud University. The chair received the first position in performance efficiency, and in 2016, I was honored with the King Saud University Award for Scientific Excellence in Branch of Scientific Research Quality. In 2020, I was awarded the Wall of Fame Award as one of the top 50 intellectual leaders in higher education. During that journey, more than 200 scientific papers were published in prestigious and classified publishing vessels in scientific databases. I also assumed administrative tasks, from heading a department to a faculty dean and university vice-rectorate, and supervised the university secretariat, and I affirm that scientific research in university is an essential part of universities. Research Centers and Universities in the Kingdom of Saudi Arabia have a great responsibility in developing scientific research in the field of diseases and disabilities as well as other fields, and I hope that the impact of this research will be reflected in the health care provided to people with disabilities.





# Timetable Scientific

## 6th International Conference on Disability



8:00 am–4:00pm		DAY 1 – 4 DECEMBER 2022		REGISTRATION		
Chairperson: H.E Dr. Munir M. Eldesouki, President of King Abdulaziz City for Science and Technology						
9:00 AM - 9:30 AM		Dr. Elena Leonidovna Grigorenko - Winner of the King Salman Award for Disability Research – Health and Medical Sciences Branch				
9:30 AM - 10:00 AM		Dr. Cuntal Guan - Winner of the King Salman Award for Disability Research – Technical Applications Branch				
10:00 AM –10:15 AM		Q & A Session				
10:15 AM–10:30 AM		COFFEE BREAK				
Room Time	Main Auditorium Moderator Dr. Wajdi Ahmad Wazan	Auditorium 1 Moderator Dr. Edward Cupler	Auditorium 2	Auditorium 3	Auditorium 4	Auditorium 5
10:30 AM - 10:50 AM	Inclusion through National Sign Languages Dr. Joseph Murray	Genomics of Disability: The Saudi Experience Dr. Fowzan Alkuraya				
10:50 AM - 11:10 AM	Data- Based Decision Making: Using Progress Monitoring Data to Guide Teaching Decisions Dr. Zaid Abdullah Albatat	Understanding Human Genetic Variation with Precision Genome Editing Tools Dr. Alexis C. Komor	Initiatives to serve people with disabilities	Scientific practices in codifying standards Dr. Ghaleb Alnahdi	Management for childhood Apraxia of Speech Dr. Wael Al-Dakrouy	Educational Program for Parents of Newly Diagnosed Autism Spectrum Disorder Dr. Raffif Abdulrhan Alsedrani
11:10 AM - 11:30 AM	Autistic YP's transition to adulthood in KSA Nada Saleh Alrumih	A decade of novel gene discovery in a consanguineous population Prof. Majed AlFadel	* Will be introduced by several institutions.			
11:30 AM - 11:50 AM	The reality of the suitability of university majors to the preferences of students with disabilities Dr. Salman M. El maqairi Khalid Khobrani	Residual risk for additional recessive diseases in consanguineous couples Dr. Lama Abdullah Al-Abdi				
11:50 AM -12:00 PM	Q & A Session					
12:00 PM - 1:30 PM		DHUHR PRAYER & LUNCH BREAK (POSTER SESSION)				

Room Time	Main Auditorium Moderator Dr. Hashim Al Ghalib	Auditorium 1 Moderator Dr. Abdullah Aljougiman	Auditorium 2 Moderator Dr. Naif Al zare	Auditorium 3	Auditorium 4	Auditorium 5
1:30 PM - 1:50 PM	The Integrated Roles among Relevant Sectors in Education and Rehabilitation of Individuals with Disabilities from the perspective of parents- A Qualitative Study Dr. Nabeel Sharaf Almalki	Virtual reality and associated technologies offer physical therapy and chronic condition management Cardiff university Dr. Mohammed Alamri	European Disability Forum (EDF): Our advocacy work toward ICT accessibility in the EU" Dr. Humberto Insolera			
1:50 PM - 2:10 PM	The Role of Human Augmentation and Fourth Industrial Revolution in Enhancing Human Abilities Dr. Batoul Baz	Intensive Robot-Assisted Gait Training Dr. Naif Alraddadi Dr. Sanaa Madi	Empowerment of Females with disabilities Dr. Adel Saber Al enezi			
2:10 PM - 2:30 PM	The Universal design for learning to develop a professional skill Dr. Ohud saffar	Hayat Platform for Technology Empowerment Dr. Amal Alsaif	An evaluation model based on evidence and international agreements Dr. Wajdi Ahmad Wazan	Overview of Arabic Sensory Processing Measure Workshop Dr. Shahad Alkhalifah	Evidence-Based Practice to Teach Literacy Skills to Students with disabilities Dr. Amani Ali Alshehri Amani Al-Moamar	Understanding Disability and Chronic Pain Dr. Rachid El Khoury
2:30 PM - 2:50 PM	Intelligent professional assessment of employment opportunities for people of determination Dr. Mariaam Alobeidli	Develop smart solutions based on artificial intelligence to ensure the independence of people with special abilities in movement. Dr. Ayman Abdel Hamid Al-Naggar	Assessing Deaf and Hard of Hearing Teachers' Knowledge of Teaching Reading Skills: Mixed Methods Research Dr. Faisal Mohammed Alqraini			
2:50 PM -3:10 PM	Strategic and Interactive Writing Instruction Dr. Fatimah Raddan Almutiri	Dysarthric Speech Recognition using Convolutional Recurrent Neural Networks Dr. Hussain Mohammed Albuqshi	Efficiency and challenges of parents in providing sexual knowledge Dr. Faizah Baras Dr. Heba Hariri			
3:10 PM - 3:20 PM	Q & A Session					
ASR PRAYER						

# 6th International Conference on Disability and Rehabilitation

## Sponsors and supporters



### Strategic sponsor

مؤسسة حسن عباس شربتلي  
لخدمة المجتمع



أرامكو السعودية  
saudi aramco



### Diamond sponsor



وزارة الصحة  
Ministry of Health



وزارة التعليم  
Ministry of Education



مدينة الملك عبد العزيز  
للعلوم والتقنية KACST



الموارد البشرية  
والتنمية الاجتماعية



العربية  
al arabia



جامعة الفيصل  
Alfaisal University

العضو المؤسس  
مركز الملك سلمان لأبحاث الإعاقة  
طارق بن عبد الهادي طاهر

### Golden sponsor

التصنيع  
TASNEE



مجموعة بغلاف الزعفران  
BAGHLAF AL-ZAFER GROUP



ممكّن رقمي



بنك الجزيرة  
BANK ALJAZIRA

مستشفى عبد اللطيف جميل  
Abdul Latif Jameel Hospital



مجلس الصحة  
لدول مجلس التعاون  
Gulf Health Council



الصالحية  
Salehiya

### Silver sponsor



القائد السعودية للنقل  
SAUDI ALQAID TRANSPORTATION CO.

العضو المؤسس  
مركز الملك سلمان لأبحاث الإعاقة  
محمد بن إبراهيم العيسى



بنك الرياض  
Riyad Bank

### Participating entities



مستشفى الملك فيصل التخصصي ومركز الأبحاث  
King Faisal Specialist Hospital & Research Centre

هيئة حقوق الإنسان  
Human Rights Commission



وزارة الصحة  
Ministry of Health



جمعية الأطفال  
ذوي الإعاقة  
Children with Disability Association

الموارد البشرية  
والتنمية الاجتماعية



مركز الملك سلمان لأبحاث الإعاقة  
King Salman Center For Disability Research  
Science Benefiting People



جامعة الفيصل  
Alfaisal University



مؤسسة سلطان بن عبدالعزيز آل سعود الخيرية  
SULTAN BIN ABDULAZIZ AL-SAUD FOUNDATION



هيئة إقليمية  
للأشخاص  
ذوي الإعاقة  
APD



مجلس الصحة  
لدول مجلس التعاون  
Gulf Health Council



مدينة الملك عبد العزيز  
للعلوم والتقنية KACST



وزارة التعليم  
Ministry of Education

### Organizing entities