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## USAID's Higher Education System Strengthening Activity

# INTERNATIONAL SUMMIT **SHAPING THE FUTURE OF HIGHER EDUCATION IN PAKISTAN** Educate | Innovate | Elevate

## **SUMMIT PROGRAM & SPEAKERS**

JUNE 10-12, 2024

ORGANIZED BY:

USAID'S HIGHER EDUCATION SYSTEM STRENGTHENING ACTIVITY

HOSTED BY:

NATIONAL UNIVERSITY OF TECHNOLOGY, ISLAMABAD

**SUMMIT 2024**



**Summit Website**  [hessa.utah.edu/summit](https://hessa.utah.edu/summit)

**Follow Live**  [facebook.com/GlobalUofU](https://facebook.com/GlobalUofU)

## Partner Universities



## Schedule (June 10-12)

### Day 1, Monday, 10 June 2024

09:30	<b>Opening Ceremony</b>
10:30	Tea
11:00	<b>Session 1:</b> Positioning Pakistan's Higher Education for Tomorrow
13:00	Lunch
14:00	<b>Session 2:</b> Optimizing Faculty Workload: Challenges and Policies
15:30	Tea
16:00	<b>Session 3:</b> Fostering Entrepreneurship Culture in Higher Education Institutions

### Day 2, Tuesday, 11 June 2024

09:00	<b>Session 4:</b> Navigating Tomorrow: Cultivating Higher Education Online and Micro-Credentials in Traditional Landscapes
10:00	<b>Session 5:</b> Climate Responsive Water Governance within the Context of Sustainable Development
11:30	Tea
12:00	<b>Session 6:</b> Leadership and Governance Crisis in Pakistani Universities
13:30	Lunch

14:30 (15:30 half hour Tea)	Showcasing HESSA Best Practices
	<b>Session 7:</b> Enhancing Students' Success through Integrated Support Systems
	<b>Session 8:</b> Innovations in Teaching and Learning for Higher Impact
	<b>Session 9:</b> Strengthening Women Leadership Capacities in Higher Education
	<b>Session 10:</b> Strengthening the Role of Registrars and Administration in Higher Education

### Day 3, Wednesday, 12 June 2024

09:00	<b>Session 11:</b> The Importance of University-Industry Linkages for Pakistan's Economic Growth
10:30	Tea/Coffee Break
11:00	<b>Session 12:</b> Addressing Capacity Building Needs of Higher Education Faculty
12:30	<b>Closing Ceremony</b> Speeches and Remarks, Summit Outcomes, Vote of Thanks etc.
13:30	Lunch

# DAY 1

## Opening Ceremony | 10 June 2024 (Monday) | 09:30 to 10:30

- Recitation from Holy Quran
- Welcome remarks by Engr. Moazzam Ejaz, Rector NUTECH
- Introduction and objectives of the International Summit by Dr. Michael Barber, Project Director HESSA & Professor, University of Utah
- Panel discussion: Graduate employability (undergraduate students)
- Remarks by Government Representative and Chief Guest

## SESSION 1

### Day 1 | 10 June 2024 (Monday) | 11:00 to 13:00

#### Theme: **Positioning Pakistan's Higher Education System for Tomorrow**

This session aims to delve into forward-looking approaches that will shape the future of higher education in Pakistan. To this end, speakers will discuss the challenges and opportunities in leveraging technology for learning, strengthening industry-academia collaboration, improving quality standards and accreditation processes, reforming curriculum to meet market needs, and forming international partnerships, among others. Together, these discussions will pave the way for a robust and progressive higher education landscape in Pakistan, poised to meet the demands of tomorrow's world.

#### Session Chair



#### **Dr. S. Akbar Zaidi**

Executive Director, Institute of Business Administration, Karachi

Professor Dr. S. Akbar Zaidi has been the Executive Director of the IBA since January 2020. He is a renowned political economist with an experience of almost four decades of teaching and research in Pakistan and abroad. His areas of interest in research include political economy, development, the social sciences, and history. He completed his PhD in History from the University of Cambridge in 2009, MPhil in Economics from the University of Cambridge in 1993,

MSc in Social Planning in Developing Countries from the London School of Economics and Political Science in 1982 and BSc (Hons.) in Economics from University College London in 1980.

## Speakers

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### Presentation topic

#### **A Systems View of Higher Education and Governance**



#### **Dr. Tariq Banuri**

Professor of Economics, University of Utah, USA

Tariq Banuri holds a Ph.D. in Economics from Harvard University and began his career as a member of the Civil Service of Pakistan (CSP). He has held numerous positions, including Professor of Economics at the University of Utah, former Chairman of the Higher Education Commission, Pakistan, Director of the UN Division for Sustainable Development, founder and first Executive Director of the Sustainable Development Policy Institute (SDPI) in Islamabad, Director of the Asia Centre of the Stockholm Environment

Institute (SEI), and Executive Director of the Global Change Impact Studies Centre (GCISC), a statutory corporation established under the GCISC Act 2013. Dr. Banuri has contributed to various national and international forums for policy and research. In recognition of his contributions to research and education, he was awarded the Sitara-i-Imtiaz (SI) in 2002.

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### Presentation topic

#### **Transforming Higher Education in Pakistan: The Impact of Technology, Especially AI**



#### **Dr. Khalid Hafeez**

Vice Chancellor, Balochistan University of Information Technology, Engineering & Management Sciences, Quetta

Khalid Hafeez is a strategic thinker and implementer with over 30 years of experience in teaching, research, industry, knowledge transfer, and management at top universities in the UK and the Middle East. He earned a Gold Medal from the University of Balochistan Quetta and was the first Pakistani to receive a Ph.D. in AI and Robotics from Cardiff University of Wales, UK. Dr. Hafeez has held several prestigious positions, including Program Leader for the MEng Program, Director of MBA, and Director

of the world's first MSc in Knowledge Management at Sheffield Hallam University, UK. He was the founding Director of the Centre for Innovation at Bradford University, UK. Later, he served as Professor of Operations Systems & Entrepreneurship and Director of External Relations at the University of York, UK, when it was recognized among the top 100 research universities globally. Renowned globally for his research, he has over 3500 international citations, an h-index of 26, and an i10-index of 44. He is a recipient of the 'Exemplary Leader' award from the Asian Leadership Academy UAE and the 'Certificate of Merit' from the House of Lords UK in recognition of his services to education, industry, and the community.

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### Presentation topic

#### **Curriculum Innovation and Skills Development for Future Workforce Readiness**



#### **Dr. Casey Hyun**

Director, Center for Medical Innovation, University of Utah, Asia Campus, South Korea

Casey Hyun is a multi-award-winning automotive designer and strategist with over 20 years of experience at top automotive and IT companies. He now focuses on future mobility and artificial intelligence. Casey's extensive global business experience allows him to diagnose and forecast cultural and future trends in creative design. He currently serves as an executive consultant for four Fortune 100 companies, including Google, LG Group, and Continental Automotive.

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**Presentation topic****Advancing Social Equity in Higher Education for a Promising Future****Dr. Mercedes Ward**

Associate Director of Social Impact, University of Utah, USA

Dr. Mercedes Ward is a design thinker and facilitator who collaborates with individuals and organizations to develop impactful projects, programs, and policies to advance sustainable development. Mercedes believes in the importance of creating enabling environments to support human flourishing. She accelerated her professional evolution from ecological anthropologist to design thinker when she joined an interdisciplinary, multicultural team to establish a research center for water security in

Pakistan. Over a five-year tenure with the USAID-funded U.S.-Pakistan Center for Advanced Studies in Water, she led a Pakistan-based research team to deliver policy recommendations to improve participatory irrigation management, facilitated workshops to support community-based research and policy impact, and designed and managed quality assurance mechanisms for international education and capacity strengthening programs.

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**SESSION 2**

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**Day 1 | 10 June 2024 (Monday) | 14:00 to 15:30**

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**Theme: Optimizing Faculty Workload: Challenges and Policies**

This session will delve into the various challenges associated with effectively managing faculty workload within universities, and exploring the complexities of balancing teaching, research, administrative duties, and other responsibilities encountered by faculty members. Additionally, it will discuss potential policies and strategies aimed at optimizing faculty workload to enhance productivity, job satisfaction, and overall institutional effectiveness.

**Session Chair****Dr. Shahid Munir**

Chairperson, Punjab Higher Education Commission

Prof. Dr. Shahid Munir assumed the charge as Chairperson of Punjab Higher Education Commission (PHEC) in June 2022. He brings with him rich experience in the field of academia, industry, research, and administration. Prior to this, he was leading the University of Jhang as Vice-Chancellor. Dr. Shahid Munir has earned his PhD in Energy and Environment Engineering from the University of the Leeds, UK.

## Speakers

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### Presentation topic

### **Faculty Workload and Enabling Environment in Pakistani Public Sector Universities: Policies and Challenges**



#### **Dr. Uzma Quraishi**

Professor and Dean Faculty of Education, Professor and Dean Faculty of Education, Lahore College for Women University, Lahore

Prof Dr. Uzma Quraishi is the Dean of the Faculty of Education, Lahore College for Women University. She is a former Vice Chancellor of the Women University Multan and Lahore College for Women University. She is an eminent educationist and specializes in Gender equity and leadership in Higher Education. Dr Quraishi has a PhD in Educational Management & Planning from the University of Birmingham (UK) & Post-Doc in Gender

Equity and Higher Education from the University of Cambridge; MEd in Media and Education, University of Manchester, UK with the first degree in Fine Arts from the National College of Arts Lahore, Pakistan. Dr Quraishi has served on a number of administrative and leadership positions in public and private sector universities, including serving as Principal of the Foundation University College of Liberal Arts and Sciences, Islamabad, Head of departments of Education, Computer Arts and Fine Arts at the Fatima Jinnah Women University, Rawalpindi, Director Institute of Education and Dean of the Faculty of Humanities and Social Sciences, LCWU, Executive Director Women Development Center, and Chairperson Department of Education, UMT, Lahore.

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### Presentation topic

### **Balancing Research, Teaching, Service and Life Demands: The Private Sector Perspective**



#### **Dr. Faisal Bari**

Associate Professor, Economics Department, Lahore University of Management Sciences, Lahore

Dr. Faisal Bari is an Associate Professor with a joint appointment in Education and Economics. Dr. Bari holds a Doctorate in Economics from McGill University and a master's degree in philosophy from the University of Punjab. He also has two bachelor's degrees, one from the University of Oxford and another from Government College, Lahore. His research encompasses disability inclusion, gender representation in textbooks,

the use of educational technology for teacher professional development (TPD), teacher politics, the political economy of teacher recruitment and retention, and the role of the private sector in education reform. He is a member of the Higher Education Commission and has previously served as a Board Member for the Punjab Examination Commission. In this role, he provided technical input for reforming the Punjab examination system towards the adoption of school-based formative assessments.



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**Presentation topic****Faculty Workload Management: Insights from the University of Utah****Dr. Michael Barber**

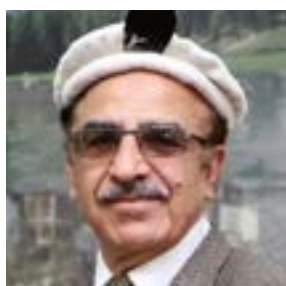
Department Chair and Professor of Civil and Environmental Engineering, University of Utah, USA

Michael Barber is Professor and Chair of Civil and Environmental Engineering (CvEEN) at the University of Utah in Salt Lake City, Utah. Michael has three degrees in Civil Engineering beginning with his BS from the University of New Hampshire, MS from Purdue University, and PhD from the University of Texas-Austin. He has over 30 years of experience in hydrology and water resources working in academics and in private consulting. His responsibilities include administering the CvEEN Department, teaching undergraduate and graduate classes, developing externally funded research proposals and budgets, advising, and supervising undergraduate and graduate students, mentoring and publishing technical papers. Dr. Barber's research has field investigations and numerical modeling studies of water, nutrients, and primary productivity in rivers and lakes with focus on stream-groundwater interaction, climate change implications, and human adaptation.

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**SESSION 3****Day 1 | 10 June 2024 (Monday) | 16:00 to 17:00****Theme: Fostering Entrepreneurship Culture in Higher Education Institutions**

The landscape of higher education in Pakistan is evolving rapidly, with increasing emphasis on preparing graduates for the dynamic demands of the modern workforce. In this context, fostering an entrepreneurship culture within higher education institutions (HEIs) emerges as a pivotal strategy. This session aims to delve into the importance of embedding entrepreneurship within the fabric of HEIs and exploring actionable steps to foster this culture effectively.

**Session Chair****Dr. Atta Ullah Shah**

Vice Chancellor, Karakorum International University, Gilgit

Prof. Engr. Dr. Attaullah Shah is a distinguished researcher, educator, and professional specializing in Civil Engineering, Construction Management, and Sustainable Built Environments. He is currently serving as the Vice Chancellor and Professor of Civil Engineering at City University of Science and IT in Peshawar, Pakistan. Prior to this role, he was the Director of Projects at Allama Iqbal Open University. Dr. Shah also serves as an advisor to the Swedish College of Engineering and Technology Wah, which is affiliated with UET Taxila-Pakistan, for their Civil Engineering program. Additionally, he has been an advisor to the National Foundation for Resource Development for their Construction Management program. He is a visiting faculty member at the Centre of Advanced Studies in Engineering (CASE), SZABIST, and NUST, and is a resource person for PEC CPD courses and the HEC. Dr. Shah has authored over 65 publications in international refereed journals and conferences, covering topics in Structural Engineering, Construction Management, and Sustainable Building Design and Construction.

## Speakers

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### Presentation topic

### Promoting Entrepreneurial Mindset in Higher Education



#### **Dr. Shahid Qureshi**

Rector, GIFT University of Gujranwala

Prof. Dr. Shahid Qureshi is the Rector of GIFT University. He holds a Ph.D. from TU Berlin, an MBA from LUMS, and an MSc from AIT-Thailand. Dr. Shahid is also a fellow of Babson Business School, specializing in entrepreneurship pedagogy, research, and entrepreneurial centers. He has taught at TU Berlin, the Frankfurt School of Finance, Kempton School of Business, and the SP Jain School of Business in Dubai, playing a pivotal role in promoting entrepreneurial education in Pakistan. Previously, Dr. Shahid

served as the Director of the Center for Entrepreneurial Development (CED) at IBA Karachi, one of Pakistan's leading business schools. He is a well-regarded researcher and speaker in the field of entrepreneurship and currently serves on the boards of IGNITE (National ICT R&D Fund, Government of Pakistan) and the Board of Intermediate & Secondary Education Karachi. Dr. Shahid has consulted nationally and internationally, aiding in the establishment of entrepreneurial centers. He designed the award-winning Women Entrepreneurship Program course, recognized by the USASBE (United States Association for Small Business and Entrepreneurship) in 2017 and 2021.

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### Presentation topic

### Preparing Faculty and Students for Entrepreneurial Success



#### **Dr. Casey Hyun**

Director, Center for Medical Innovation, University of Utah, Asia Campus, South Korea

Casey Hyun is a multi-award-winning automotive designer and strategist with over 20 years of experience at top automotive and IT companies. He now focuses on future mobility and artificial intelligence. Casey's extensive global business experience allows him to diagnose and forecast cultural and future trends in creative design. He currently serves as an executive consultant for four Fortune 100 companies, including Google, LG Group, and Continental Automotive.



# DAY 2

## SESSION 4 | 11 June 2024 (Tuesday) | 09:00 to 10:00

### **Theme: Navigating Tomorrow: Cultivating Higher Education Online and Micro-Credentials in Traditional Landscapes**

This session will address the increasing importance of integrating online platforms and micro-credential initiatives into Pakistani higher education institutions. While recognizing the necessity of adapting to structural, technological, and cultural changes for launching effective online programs, it emphasizes the benefits and rationale behind such initiatives. Using the example of the technical assistance provided by HESSA to NUST, the session aims to showcase recent developments as inspiration for other institutions.

#### **Session Chair**



#### **Dr. Nasir Mahmood**

Vice Chancellor, Allama Iqbal Open University, Islamabad

Prof. Dr. Nasir Mahmood has over 25 years of experience in the education sector at various levels. He has taught research methods, educational psychology, and quantitative data analysis to undergraduate, postgraduate, and PhD students at numerous public and private universities. Dr. Mahmood has led or contributed to more than 60 research projects and grants as Principal Investigator, Co-Principal Investigator, and team member. He has published 57 research papers in national and international peer-reviewed journals.

#### **Speakers**

##### **Presentation topic**

### **Advancing Online Education and Microcredentials: A Pakistan Case Study**



#### **Dr. Osman Hassan**

Pro Rector (Academics), National University of Sciences & Technology, Islamabad

Prof. Hasan is a distinguished academic leader with extensive experience in teaching, research, industry outreach and commercialization, and internationalization. He received his BEng (Hons) degree from the University of Engineering and Technology, Peshawar, Pakistan in 1997, and his MEng and PhD degrees from Concordia University, Montreal, Canada in 2001 and 2008, respectively. After completing his postdoctoral fellowship at Concordia University, he joined the NUST School of Electrical Engineering & Computer Science (SEECs) in 2009, one of NUST's most esteemed institutions. Throughout his career, Dr. Hasan has held numerous key administrative and academic positions. He has served as Principal and Dean of SEECs and previously held the roles of Head of Research and Senior Head of the Electrical Engineering Department at SEECs. His exceptional teaching methods have earned him the HEC's "Best Teacher Award" in 2011 and the NUST "President's Gold Medal for the Best Teacher" in 2015. He is a senior member of IEEE, a member of ACM, the Association for Automated Reasoning (AAR), and the Pakistan Engineering Council.



### **Dr. Deborah Keyek-Franssen**

Associate Vice President and Dean of University Connected Learning,  
University of Utah, USA

Deborah is a creative educator and thought leader with over two decades of experience in IT and higher education. As a senior administrator at the University of Utah, Keyek-Franssen works with a talented team to provide digital technologies for teaching and learning on-campus and off; a full range of online education opportunities and services to support those programs including learning experience design, market analysis, marketing, and

adult learner support; and a rich set of professional education, workforce alignment, and personal enrichment programs. She began her career at the University of Colorado, where she served as director of academic technology; oversaw strategy and research in the use, implementation, and evaluation of educational technologies; and managed a team of consultants and technologists.

## **SESSION 5**

**Day 2 | 11 June 2024 (Tuesday) | 10:00 to 11:30**

**Theme: Climate Responsive Water Governance within the Context of Sustainable Development**

This session will delve into the intersection of climate change, water governance, and employment opportunities in Pakistan. Addressing climate change not only mitigates economic risks but also creates avenues for job creation and improvement, particularly within the context of water governance for sustainable development.

### **Session Chair**



### **Dr. Tariq Rafi**

Chairman Sindh Higher Education Commission

Prof. Dr. S.M. Tariq Rafi graduated in 1982 and joined Jinnah Post Graduate Medical Centre as Medical Officer. He did his F.C.P.S. & F.R.C.S. and became Professor of ENT at Jinnah Post Graduate Medical Centre in 2001. He has been the Convener, Examiner, Paper Setter at College of Physicians & Surgeons Pakistan (CPSP) and has trained more than 100 students for F.C.P.S., M.S. and D.L.O. He has more than twenty-nine publications in national and international journals. He

has been the Past President of the Society of ENT and Ex-President of SAARC ENT Society and the former Dean of ENT at College of Physician & Surgeons Pakistan and the former Vice Chancellor of Jinnah Sindh Medical University, Karachi. He has been awarded with the civil award of Tamgha-i-Imtiaz by the President of Pakistan in recognition of his contributions to education and health in the country.

## Speakers

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### Presentation topic

### **Evolving University Organizations and Programs to Address Climate Change Impacts on Water**



#### **Dr. Sajjad Ahmad**

Professor, Department of Civil and Environmental Engineering, University of Nevada, USA

Dr. Sajjad is a professor of water resources and a senior water management expert with a broad background. He has over 20 years of experience in hydrologic and hydraulic modeling, integrated water resources management, climate change impacts, water-energy nexus, urban water use efficiency, water policy, teaching, and training. As an educator, Dr. Ahmad has supervised 32 graduate students to successfully complete

their MSE or Ph.D. degrees. Dr. Ahmad has published 118 papers in peer-reviewed journals and more than 100 book chapters or papers in conference proceedings on a variety of research topics related to hydrology and water resources planning and management. His publications have been cited more than 9300 times (h-index 58; i-10 index 127. source Google Scholar) He is a Fellow of the American Society of Civil Engineers (ASCE), and the recipient of the NSF CAREER Award. He serves on the Editorial Board of eight international Journals, including ASCE Water Resources Planning and Management. Dr. Ahmad holds a Ph.D. in Civil Engineering (Water Resources) from the University of Western Ontario, Canada, and an M.Sc. in Water Resources from the Asian Institute of Technology, Thailand. He received his BSc in Civil Engineering from the University of Engineering and Technology, Lahore Pakistan.

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### Presentation topic

### **Adapting Capacities of Faculty Members and Students to Combat Climate Change Effects on Water**



#### **Dr. Steve Burian**

Professor, Civil, Environmental and Construction Engineering, University of Alabama, USA

Dr. Steve Burian is a Professor of Hydrology and Water Resources in the Department of Civil, Construction and Environmental Engineering at the University of Alabama. He also serves as the Director of Science at the Alabama Water Institute. Dr. Burian helps to catalyze multi-disciplinary water initiatives in research, education, global engagement, and community impact. His research group develops solutions to reduce risk from floods

and other water-related hazards, improve performance of water systems from building to urban scales, and protect clean water. Using computer modeling, hydroinformatics, systems analysis, and field studies, his research group contributes to the engineering of sustainable and resilient urban water infrastructure systems, including stormwater, wastewater, and water supply; works in partnership with local stakeholders, such as the Salt Lake City Department of Public Utilities; and is supported by local, federal, and international funding sources. In teaching, he advances the use of project-based learning to build soft skills of students and to address critical local and global water problems in courses such as Water Resources Planning and Management, Hydroinformatics, and Sustainable Urban Water Engineering. In 2019, recognizing his effort advancing faculty capacities and higher education systems in Pakistan, Dr. Burian was awarded the Sitara-i-Imtiaz by the President of Pakistan.

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## Presentation topic

# Strategic Planning and Partnerships in Higher Education to Enhance Water System Resilience to Climate Change



## Dr. Michael Barber

Department Chair and Professor of Civil and Environmental Engineering, University of Utah, USA

Michael Barber is Professor and Chair of Civil and Environmental Engineering (CvEEN) at the University of Utah in Salt Lake City, Utah. Michael has three degrees in Civil Engineering beginning with his BS from the University of New Hampshire, MS from Purdue University, and PhD from the University of Texas-Austin. He has over 30 years of experience in hydrology and water resources working in academics and in private consulting. His responsibilities include administering the CvEEN Department, teaching undergraduate and graduate classes, developing externally funded research proposals and budgets, advising, and supervising undergraduate and graduate students, mentoring and publishing technical papers. Dr. Barber's research has field investigations and numerical modeling studies of water, nutrients, and primary productivity in rivers and lakes with focus on stream-groundwater interaction, climate change implications, and human adaptation.

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## SESSION 6

### Day 2 | 11 June 2024 (Tuesday) | 12:00 to 13:30

**Theme: Leadership and Governance Crisis in Pakistani Universities**

Four panel speakers will discuss their perspectives on the major challenges facing higher education in Pakistan. They will offer three to five priorities that vice-chancellors should be acting upon to address these issues. The outlined priorities will provide actionable strategic directions related to self-sufficiency and autonomy for individual institutions as they navigate ongoing funding challenges. The priorities will be built around empowering faculty members, responding to societal needs, addressing gender and diversity disparities, navigating the legal and regulatory framework, fostering stakeholder engagement, and other objectives outlined by each speaker. These priorities will be issues that vice-chancellors should address with their leadership councils and communities in their strategic planning.

## Session Chair



## Engr. Moazzam Ejaz

Rector, National University of Technology, Islamabad

Lt. Gen. (Retd.) Moazzam Ejaz, Rector, National University of Technology, Hilal-e-Imtiaz (Military), joined Pakistan Army Corps of Engineers in 1985 and retired in 2022. He is a civil engineering graduate with 30 plus years of professional experience in engineering, project management, administration, and academics. During his long and meritorious career, he has made very valuable contributions towards engineering profession. He has held prestigious appointments of Quarter Master General and Engineer-in-Chief of Pakistan Army. He holds a Master of Science in War Studies and Defense Management from National Defense University, Islamabad. Engr. Ejaz has held numerous advisory, administrative, and consultative positions

across several organizations. As member Governing Body Pakistan Engineering Council over the years, he has played an active role in undertaking various initiatives to strengthen engineering community. He has been awarded Lifetime Achievements Award by PEC and Excellence Award by Institute of Engineers Pakistan.

## Speakers

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### Presentation topic

#### Inter-sectoral Challenges and Advancement in Education Sector



#### **Ms. Shahnaz Wazir Ali**

President, SZABIST, Karachi

Shahnaz Wazir Ali, a recipient of the Sitara-e-Imtiaz, has had an illustrious 40-year career as an educationist and social sector development policy specialist. She has been elected twice to the National Assembly of Pakistan and has served as Special Assistant to the Prime Minister on Social Sectors. She is also a renowned women's rights activist. Since 1965, she has been a Trustee of the Education Trust Nasra School in Karachi. Her lifelong commitment includes significant involvement in polio eradication, family planning, population issues, education sector reform, and social protection. Dr. Wazir Ali's extensive experience includes serving as a Senior Education Specialist at the World Bank and as the Minister of State for Education for the Government of Pakistan. She has held positions on the boards of numerous prestigious national and international organizations, trusts, advisory councils, and educational boards, including IBA, Sindh HEC, the Higher Education Commission, the Benazir Income Support Program in Islamabad, the Social Policy Development Centre (SPDC), the Women's Action Forum (WAF), the Executive Board of UNESCO, the National Curriculum Council, and the Patients Aid Foundation at Jinnah Postgraduate Medical Centre in Karachi.

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### Presentation topic

#### University Research System, Challenges and Opportunities



#### **Dr. Zain Ul-Abdin**

Project Director, Comcept Pvt Ltd., Islamabad

Dr. Zain Ul-Abdin did his PhD in Computer Science from Örebro University, Sweden in 2011. He has a diverse experience of raising more than 650 million equivalent in PKR in research funding from both national and international funding agencies such as Vinnova, SSF, Knowledge Foundation, ELLIIT in Sweden, EU-FP7 at European level and National ICT R&D Fund in Pakistan. Dr. Abdin has worked in collaboration with industrial partners such as ST-Microelectronics, Ericsson, Adapteva, Ambric, and Saab Electronic Defence Systems in these projects. At Higher Education Commission of Pakistan, he has managed research portfolio with an annual turnover of 3.5 Billion PKR. He has been instrumental in the digital transformation of the R&D Wing of HEC as well as introducing policy reforms to revamp the research grants framework and the research management system.



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**Presentation topic****Selection Process and Leadership Crisis at Public Sector Universities Need for Reform, and the Way Forward****Dr. Ishtiaq Ahmad**

Member DEVCOM, Planning Commission of Pakistan, Islamabad

Dr. Ishtiaq Ahmad has been the Member of Development Communication at the Planning Commission since September 2022. He brings a wealth of experience in journalism, education, and development communication, and his primary role is to champion development discourse in Pakistan through impactful communication strategies. With a distinguished career spanning three decades, Dr. Ahmad has made significant contributions to academia and the media. He served as Vice Chancellor at the University of Sargodha from 2016 to 2021, where he implemented academic reforms and oversaw critical projects. As the Pakistan Chair at Oxford University from 2010 to 2015, he effectively promoted a positive image of Pakistan within British academia. Dr. Ahmad's diverse professional portfolio includes roles at Quaid-e-Azam University and Eastern Mediterranean University. He began his career in journalism, contributing to leading publications. A recipient of prestigious fellowships, his expertise extends to Pakistani politics, foreign policy, and global affairs.

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**Presentation topic****Issues in Selection and Support of Leaders for Higher Education and the Way Forward****Dr. Faisal Bari**

Associate Professor, Economics Department, Lahore University of Management Sciences, Lahore

Dr. Faisal Bari is an Associate Professor with a joint appointment in Education and Economics. Dr. Bari holds a Doctorate in Economics from McGill University and a master's degree in philosophy from the University of Punjab. He also has two bachelor's degrees, one from the University of Oxford and another from Government College, Lahore. His research encompasses disability inclusion, gender representation in textbooks, the use of educational technology for teacher professional development (TPD), teacher politics, the political economy of teacher recruitment and retention, and the role of the private sector in education reform. He is a member of the Higher Education Commission and has previously served as a Board Member for the Punjab Examination Commission. In this role, he provided technical input for reforming the Punjab examination system towards the adoption of school-based formative assessments.



# Showcasing HESSA Best Practices

[4 parallel sessions] 14:30 – 17:00

## SESSION 7

Showcasing HESSA Best Practices

**Day 2 | 11 June 2024 (Tuesday) | 14:30 – 17:00**

**Theme: Enhancing Students Success through Integrated Support Systems**

In this highly informative session, we aim to provide a comprehensive overview of the substantial progress that has been made over the past three years in integrating student services into Pakistan's higher education institutions. The presentations will delve into six key areas that have been the focus of our efforts, and we will enlighten the participants on the progress made in each of these areas.

### Moderators



**Dr. Randy McCrillis**

Dean of Students at University of Utah Asia Campus

Randy is the Component Lead for Student Support Services on the USAID's HESSA project. Randy currently serves as the Dean of Students for the Utah Asia Campus and Executive Director in the Office of Global Engagement at the University of Utah. Randy spent four years on the Utah Asia Campus in South Korea where he provided the vision, direction, and creation of the Division of Students Affairs and now oversees most aspects of the campus. Prior to working at the U, Randy was the Associate Vice Chancellor for Diversity and Assessment at the University of Colorado Boulder where he provided leadership to student affairs offices focused on serving underrepresented students while advocating for equity and inclusion across the institution. Randy earned his Ph.D. in Educational Leadership from the University of Nebraska Lincoln where his research focused on the experience of students of colour participating in service-learning programs and the impact these projects had on their civic responsibility. He holds a faculty position in Leadership Studies and has taught courses in cross-cultural communication, organizational behaviour, leadership, and diversity facilitation at the graduate and undergraduate levels.



**Ms. Asma Mohsin**

Program Manager, IIE/HESSA

Asma serves as the Institute of International Education's Program Manager for the Student Support Services Component of the USAID's HESSA. She has extensive experience working in the development sector in Pakistan and has previously supported USAID/Pakistan programming in participant training, institutional capacity building, legislative strengthening, as well as electoral reforms. Asma has been a visiting faculty member in public policy at NUML in Islamabad and holds a Master of Public Policy from the Crawford School of Public Policy at the Australian National University, as well as a Master of Applied Psychology degree from the University of the Punjab. Outside of her work on HESSA, Asma also serves as a Fellow of the Pakistan US Alumni Network, and the Australia Awards Alumni Pakistan.

## Speakers

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### Focal area

#### Student Leadership & Programming



#### **Prof. Dr. Asif Ali Qaiser**

Director Student Affairs, Professor and Chairman of the Department of Polymer and Process Engineering, University of Engineering and Technology, Lahore

Dr. Asif Ali Qaiser is currently working as Professor and Chairman, Department of Polymer & Process Engineering, University of Engineering and Technology, Lahore, Pakistan. He is also holding the office of Director Students Affairs (DSA) UET Lahore since 2016. He earned his PhD degree from University of Auckland, New Zealand in Chemical and Materials Engineering in 2011. Prof. Qaiser's research interests include Membranes for Water Treatment and Industrial Applications, Electrochemical Materials and Characterizations, and Polymer Rheology & Processing. He has more than 66 high quality research publications on his credit along with seven externally funded projects. He has participated as Plenary and/or Keynote Speaker in a number of national and international conferences and symposia. Earlier, Prof. Qaiser has worked in various national and international organizations including National Fertilizer Corporation (NFC), National Engineering and Scientific Commission (NESCOM) and as a Consultant for Fisher & Paykel Appliances, New Zealand, where he carried out various projects including Melt Flow Behavior and Life Estimation of Polycarbonate resin.

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### Focal area

#### Student Microenterprise Development



#### **Dr. Mehfooz Ullah**

Director Business Incubation Center, Karakoram International University, Gilgit

Dr. Mehfooz Ullah is the founding director of the Incubation Centre at Karakorum International University (KIU), also teaches courses on entrepreneurship and strategic management at the Business Department. His academic journey includes a PhD from Malaysia, a Master's degree from the University of Salford, and a Bachelor's degree from UET Lahore. He has also been associated with various incubation centers in the US, Australia, and China as a fellow. At KIU, Mehfooz leads the Entrepreneurship & Incubation Program, overseeing multiple enterprise development initiatives under the banner of the incubation center, including Micro Enterprise Development (MED).

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### Focal area

#### Mental Health



#### **Dr. Sajida Naz**

Associate Professor, Department of Behaviour Sciences and Incharge Counselling & Well Being Centre, Fatima Jinnah Women University, Rawalpindi

Dr Sajida Naz is an Associate Professor at the Department of Behavioral Sciences, Fatima Jinnah Women University, Rawalpindi. She earned her PhD degree from the University of Huddersfield, UK. She served as visiting scholar at the University of Texas at Austin, USA. Apart from this, she has been involved in teacher education and conducts capacity

building workshops organized under different platforms. Her research expertise includes trauma psychology, policing and mental health, psychological interventions for positive mental states, child and adolescent psychology, and counselling. Dr. Naz has been the recipient of prestigious awards and scholarships which includes Gold Medal in Master's degree, Fauji Foundation Merit Award, HRD Scholarship award for PhD, Fee Waiver Award by Huddersfield University UK. She also received recognition from the university for outstanding performance in teaching and research.

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#### Focal area

#### Career Readiness



#### Dr. Saeed Ahmed

Director, Graduate Placement Bureau, Mirpur University of Science and Technology, Azad Jammu & Kashmir

Dr. Saeed Ahmed is the Director, Graduate Placement Bureau at Mirpur University of Science and Technology (MUST) and is a prominent scholar with a Ph.D. in Electrical Engineering from the University of Ulsan, South Korea, and has served as a Research Professor at Tech University, South Korea. With a genuine dedication to enhancing student employability, Dr. Ahmed is currently leading initiatives to bridge the gap between academia and industry, ensuring that MUST graduates are skilled and equipped with

the knowledge necessary for success in the professional arena. He spearheads efforts to integrate essential soft skills and career development opportunities into the curriculum, empowering students to thrive in today's competitive job market.

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#### Focal area

#### Financial Aid



#### Mr. Muhammad Sheraz Tariq

Deputy Director, University Advancement Office, National University of Sciences & Technology, Islamabad

Muhammad Sheraz Tariq is the Deputy Director University Advancement Office at the National University of Sciences and Technology (NUST). Sheraz has extensive experience working with NUST, including over a decade of working in the area of financial aid and scholarships management. Sheraz holds a Master's in Business Administration (Finance) degree. In his presentation, Sheraz will be highlighting the positive impacts of HESSA

training on student services at NUST, with particular emphasis on financial aid and fund raising, as these initiatives have effectively enhanced student services and promoted student well-being at NUST.

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## SESSION 8

### Showcasing HESSA Best Practices

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## Day 2 | 11 June 2024 (Tuesday) | 14:30 – 17:00

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**Theme: Innovations in Teaching and Learning for Higher Impact**

This session focuses on introducing and describing the three-phase Teaching & Learning program, hearing from faculty leader participants on how they are implementing what they have learned in the classroom, hearing from faculty leader participants on how they are training and implementing programming to strengthen teaching and learning at their home institutions, and learning about a new and innovative means, "gamification" to enhance active learning and improve soft skills among students.

## Moderators



### **Dr. Lisa Pawloski**

Professor & Associate Dean, College of Arts and Sciences, University of Alabama, USA

Dr. Pawloski is the Associate Dean for International Programs and a Professor of Anthropology in the College of Arts and Sciences. Her previous roles included founding Chair of the Departments of Nutrition and Food Studies and Global and Community Health at George Mason University. She also served as Dean of Academic Affairs on the George Mason University Korea campus in Songdo Korea. Dr. Pawloski is an expert in childhood obesity and biocultural aspects of health and nutrition among children, adolescents, and young adults. As a Fulbright Scholar in 1997, she examined the nutritional status of adolescent girls from the Segou Region in Mali, West Africa to explore factors impacting malnutrition in that region. Her current interests involve exploring the biocultural, geographic, and social determinants of obesity in transitional countries. Dr. Pawloski has most recently worked and conducted research in Thailand, Iraq, Costa Rica, Nicaragua, Chile, and Paris, France.



### **Dr. Steve Burian**

Professor, Civil, Environmental and Construction Engineering, University of Alabama, USA

Dr. Steve Burian is a Professor of Hydrology and Water Resources in the Department of Civil, Construction and Environmental Engineering at the University of Alabama. He also serves as the Director of Science at the Alabama Water Institute. Dr. Burian helps to catalyze multi-disciplinary water initiatives in research, education, global engagement, and community impact. His research group develops solutions to reduce risk from floods and other water-related hazards, improve performance of water systems from building to urban scales, and protect clean water. Using computer modeling, hydroinformatics, systems analysis, and field studies, his research group contributes to the engineering of sustainable and resilient urban water infrastructure systems, including stormwater, wastewater, and water supply; works in partnership with local stakeholders, such as the Salt Lake City Department of Public Utilities; and is supported by local, federal, and international funding sources. In teaching, he advances the use of project-based learning to build soft skills of students and to address critical local and global water problems in courses such as Water Resources Planning and Management, hydroinformatics, and Sustainable Urban Water Engineering. In 2019, recognizing his effort advancing faculty capacities and higher education systems in Pakistan, Dr. Burian was awarded the Sitara-i-Imtiaz by the President of Pakistan.

## Speakers

### **Dr. Naveed Iqbal**

Assistant Professor, Department of Mass Communication, Lahore College for Women University

### **Dr. Inayat Ali**

Associate Professor, Department of Anthropology, Fatima Jinnah Women University

### **Dr. Akifa Imtiaz**

Associate Professor, Department of English, Fatima Jinnah Women University

**Dr. Muhammad Faraz Bhatti**

Associate Professor, Atta-ur-Rahman School of Applied Bioscience (ASAB), National University of Sciences and Technology

**Dr. Tanveer Fatima Miano**

Professor, Department of Horticulture, Sindh Agriculture University

**Dr. Imran Sajid**

Lecturer, Department of Social Work, University of Peshawar

**Dr. Kamran Mumtaz**

Chairperson & Assistant Professor, Department of Management, Institute of Business Administration, Karachi

**Dr. Rameez Khalid**

Associate Professor, Department of Management, Institute of Business Administration, Karachi

**SESSION 9**

*Showcasing HESSA Best Practices*

**Day 2 | 11 June 2024 (Tuesday) | 14:30 – 17:00****Theme: Strengthening Women Leadership Capacities in Higher Education**

The session involves a synthesis of the lessons learned from the women leaders' program, as well as participants' reflections on how such trainings might be constructed and sustained in any university to help reach gender equity among the institution's leadership team.

**Moderator****Dr. Susan Carvalho**

Dean of Graduate School, University of Alabama, USA

Since 2016, Dr. Carvalho has led The University of Alabama Graduate School with an agenda focused on growth and globalization of graduate education, as well as overall improvement of the graduate student experience at UA. Before joining UA, Dr. Carvalho served for seven years as associate provost and senior international officer at the University of Kentucky, interim dean of the Graduate School, associate dean in the College of Arts & Sciences, chair of the General Education Reform Steering Committee and interim department chair in Hispanic studies and in political science. She has served on the executive committee of the Association of International Education Administrators (AIEA) and is a past AIEA Neal Presidential Fellow and American Council on Education Fellow. With her scholarly foundation in the field of Hispanic studies, she has authored a monograph, a collection of essays and over 30 scholarly articles in Latin American and Latino/a cultural studies. Dr. Carvalho holds a B.A. from the University of Notre Dame and a M.A. and Ph.D. in Spanish from the University of Virginia.



## Panel 1: The Why and the How: Building Blocks of a Leadership Training Program for Women Faculty Members

### Speakers



**Dr. Huma Ayub** is Assistant Professor in the Department of Business Administration at Fatima Jinnah Women University, Pakistan. Possessing a Ph.D. in Management Science with a specialization in Finance from Bahria University, Dr. Ayub brings a robust academic background to the Department of Business Administration, and has extensive experience in teaching and research in the field of Finance. Her research focuses on various aspects of Finance, with particular expertise in banking and finance, risk management, and entrepreneurial finance. As a dedicated educator, Dr. Ayub has taught a range of courses, including Business Finance, Commercial Banking, Risk Management, Strategic Finance, Entrepreneurship, and Quantitative Techniques for Business Research. Her teaching philosophy is centered on creating an engaging and inclusive learning environment.



**Dr. Tayyaba Noor** is presently working as an Associate Professor at the Chemical Engineering Department (SCME) National University of Sciences and Technology (NUST) Islamabad. She holds a PhD degree in Chemical Engineering from Norwegian University of Science and Technology (NTNU), Trondheim, Norway. Dr. Noor's research work focuses on interconnected areas of catalysis and adsorption studies for carbon capture.



**Dr. Sarwet Rasul** is a Professor of English and the Dean of Faculty of Arts and Social Sciences at Fatima Jinnah Women University, Rawalpindi. She is the recipient of various awards and distinctions such as FJWU Excellence in Service Award, Star Laureate Award by South Asia Publications, Country-wide Best University Teacher Award by Higher Education Commission Pakistan, Best Teacher Award at Fatima Jinnah Women University, etc. Dr. Rasul has presented papers in various national and international conferences; has published more than 50 research papers; and has various national and international research projects to her credit. Her areas of interest include leadership, sociolinguistics, bilingualism, gender and media. She has a considerably significant experience in leadership roles at the university level and beyond that. She is a certified British Council Facilitator for Leadership Program, and a Trainer of Trainers by HEC.



**Dr. Sehrish Shafi** is an Assistant Professor at Mirpur University of Science and Technology (MUST). She earned her doctorate from York University in the United Kingdom. Additionally, she was the first Asian to hold the position of President of the University of York Graduate Student Association (GSA). She is currently working as the head of department of English at MUST. She has recently established the MUST English Language Centre, which will offer a range of tailored programmes to students in their first or final year in the Faculty of Social Sciences and Humanities (FSS&H) to support them in improving their English proficiency levels. She also recently won an English Access Scholarship project from RELO-USAID for underprivileged children aged between 13 and 20 years. Apart from these endeavours, her research interests lie in phonology, sociolinguistics, and multilingualism.



## Panel 2: Lessons Learned by HESSA's Women Leaders

### Speakers



**Dr. Noreen Sher Akbar** completed her PhD in Mathematics from Quaid-i-Azam University in 2012 and joined the National University of Sciences and Technology (NUST) the same year as an assistant professor. Recognized as the most accomplished faculty member at NUST, Dr. Noreen is known for her dedication, hard work, and exceptional performance in all assigned duties. Her tenure as the head of the Department of Basic Sciences and Humanities was marked by her successful launch of MS and PhD evening programs in Applied Mathematics at NUST CEME. Dr. Noreen is NUST's top researcher, with 345 publications, an impressive impact factor over 2000, and over 14,000 citations. She has also published a book, three book chapters, and successfully completed four projects, with several more submitted. Her H-index is 60, reflecting her influential contributions to the field. As a supervisor, she has guided numerous MS and PhD students, and she has received over 20 national and international awards, ranking among the top 2% of scientists globally.



**Dr. Munazzah Akhtar** is the Chairperson and an Associate Professor at the Department of Architecture, University of Engineering & Technology, Lahore. She is also the current Vice-chair of the Institute of Architects Pakistan IAP – Lahore Chapter. Additionally, Dr. Akhtar serves on the editorial board of the prestigious International Journal of Islamic Architecture (IJIA) for the 2024-2026 term. She specializes in Architectural History, and her research locates transcultural and transregional contacts in the artistic productions and visual culture of Muslim communities in South Asia, particularly during the pre-modern and early modern periods. Dr. Akhtar has received several notable awards and fellowships, including the Barakat Trust Award (Oxford, UK), the Social Sciences and Humanities Research Council of Canada (SSHRC) Fellowship, the Ian H. Stewart Fellowship (BC, Canada), and the Punjab Higher Education Commission (PHEC) International Travel/Research Grant (Pakistan).

**Dr. Ayesha Mushtaq** specializes in Biotechnology and Biochemistry, with over 50 research publications in these fields. She has been part of the academia and administration at SBK Women's University for 20 years. As an educator, she is dedicated to teaching, research, mentorship, and upholding ethical standards. She currently serves as Chairperson of the Biochemistry department and also works as Director of the Graduate Studies Office. She also works to encourage and the women of Balochistan to achieve higher education by attaining M.Phil. and Ph.D. degrees. As part of SBK Women's University she is providing academic excellence and research to produce female leaders, in order to adapt to the challenges of our changing world.



**Dr. Shabana Nisar** is a particle physicist with a PhD from Syracuse University, USA. She is currently teaching at IBA, Karachi. She has more than 20 years of teaching and research experience in higher education. In the past, she has worked at Harvard University, USA; COMSATS and LUMS in Lahore.

**Day 2 | 11 June 2024 (Tuesday) | 14:30 – 17:00****Theme: Strengthening the Role of Registrars and Administration in Higher Education**

The project is providing a customized training to registrars from partner universities to enable them to obtain a 360-degrees perspective on the nature of work performed by the Registrar's Office in the best run universities; focus on different components of the work; develop the capacity for a diagnostic analysis of the strengths and weaknesses of their own (or other) functioning offices; and acquire the tools to search for solutions to the challenges they continue to face in their work.

**Session Chair****Dr. Amjad Saqib**

Founder Akhuwat Foundation

Dr. Muhammad Amjad Saqib, a distinguished social entrepreneur and development practitioner, is the visionary Founder and Executive Director of Akhuwat, the world's largest Islamic microfinance institution. Since its inception in 2001 with a modest \$100 seed fund, Akhuwat has disbursed a staggering \$1 billion in interest-free loans, transforming the lives of over 6 million families across Pakistan. A former civil servant and accomplished author, Dr.

Saqib holds degrees from Lahore's prestigious King Edward Medical University and The American University in Washington D.C.

**Moderator****Dr. Tariq Banuri**

Professor of Economics, University of Utah, USA

**Speakers****Dr. Asad Ilyas**

Registrar, Institute of Business Administration, Karachi

**Dr. Yorid Ahsan Zia**

Registrar, University of Peshawar

**Dr. Zahid Rauf**

Registrar, Balochistan University of Information Technology, Engineering & Management Sciences, Quetta

**Engr. Ashfaq Maitla**

Registrar, National University of Sciences & Technology, Islamabad

**Ms. Naseem Akhtar**

Registrar, Fatima Jinnah Women University, Rawalpindi

# DAY 3

## SESSION 11 | 12 June 2024 (Wednesday) | 09:00 – 10:30

### **Theme: The Importance of University - Industry Linkages for Pakistan's Economic Growth**

The session will discuss and examine an analysis of student expectations and experiences; alumni perspectives on industry partnerships and how universities can collaborate with employers to ensure graduates are adequately prepared for the workforce, including discussions on internships, skill development initiatives, and strategies for bridging the academia-industry gap. Finally, the session will explore various approaches to engaging students in decision-making processes within higher education institutions, emphasizing transparency, responsiveness to students' feedback, and fostering a culture of inclusivity in governance structures.

#### **Session Chair**



#### **Dr. Rizwan Riaz**

Pro-Rector (Research, Innovation and Commercialization), National University of Sciences & Technology, Islamabad

Dr Rizwan Riaz assumed the office of Pro-Rector for Research, Innovation & Commercialisation at NUST in April 2021, bringing with him extensive experience in academics, research and technology management. His affiliation with NUST dates back to 2008 as faculty member and, recently, as Principal Research Centre for Modelling & Simulation (RCMS), NUST. A graduate in Aeronautical Engineering

from the US Air Force Academy, Colorado Springs, USA, with distinction in 1990, he obtained Masters in Aerospace Engineering from NUST, Pakistan, in 2004 and PhD in Mechanical Engineering (Computational Fluid Dynamics) from the University of Manchester, UK, in 2008. Dr Rizwan Riaz has over a decade of experience in R&D, project management, organisational R&D policy, and academia-industry linkage measures. An avid proponent of applied research, Dr Rizwan has been part of national-level projects which have won him laurels and saved the nation millions in foreign exchange. In recognition of his meritorious services, he has also been awarded Sitara-i-Imtiaz (Military).

#### **Panelists**

#### **Engr. Muhammad Asif Aslam**

Director General, NUTECH Office of Research, Innovation and Commercialization (NORIC), National University of Technology, Islamabad

#### **Mr. Mohammad Sohaib Saleem**

Director, Office of Research, Innovation and Commercialization (ORIC), Institute of Business Administration (IBA), Karachi

#### **Dr. Maria Anjum**

Director, Business Incubation Center (BIC), Lahore College for Women University, Lahore

#### **Mr. Aamir Ibrahim**

Chief Executive Officer, Jazz, Islamabad

#### **Mr. Sohail Sajid**

Country Manager, Turkish Aerospace Industries (TAI), Islamabad

## SESSION 12

**Day 3 | 12 June 2024 (Wednesday) | 11:00 – 12:30**

**Theme: Addressing Capacity Building Needs of Higher Education Faculty**

### Session Chair



**Ms. Noor Amina Malik**

Managing Director, National Academy of Higher Education (NAHE) / Higher Education Commission, Islamabad

### Speakers

**Presentation topic**

**The Need for Different Faculty to Meet New Curriculum and Pedagogical Demands**



**Dr. Lisa Pawloski**

Professor & Associate Dean, College of Arts and Sciences, University of Alabama, USA

Dr. Pawloski is the Associate Dean for International Programs and a Professor of Anthropology in the College of Arts and Sciences. Her previous roles included founding Chair of the Departments of Nutrition and Food Studies and Global and Community Health at George Mason University. She also served as Dean of Academic Affairs on the George Mason University Korea campus in Songdo Korea. Dr. Pawloski is an expert in childhood obesity and biocultural aspects of health and nutrition among children, adolescents, and young adults. As a Fulbright Scholar in 1997, she examined the nutritional status of adolescent girls from the Segou Region in Mali, West Africa to explore factors impacting malnutrition in that region. Her current interests involve exploring the biocultural, geographic, and social determinants of obesity in transitional countries. Dr. Pawloski has most recently worked and conducted research in Thailand, Iraq, Costa Rica, Nicaragua, Chile, and Paris, France.

**Presentation topic**

**Embracing the Mindset of the 21st Century**



**Dr. Steve Burian**

Professor, Civil, Environmental and Construction Engineering, University of Alabama, USA

Dr. Steve Burian is a Professor of Hydrology and Water Resources in the Department of Civil, Construction and Environmental Engineering at the University of Alabama. He also serves as the Director of Science at the Alabama Water Institute. Dr. Burian helps to catalyze multi-disciplinary water initiatives in research, education, global engagement, and

community impact. His research group develops solutions to reduce risk from floods and other water-related hazards, improve performance of water systems from building to urban scales, and protect clean water. Using computer modeling, hydroinformatics, systems analysis, and field studies, his research group contributes to the engineering of sustainable and resilient urban water infrastructure systems, including stormwater, wastewater, and water supply; works in partnership with local stakeholders, such as the Salt Lake City Department of Public Utilities; and is supported by local, federal, and international funding sources. In teaching, he advances the use of project-based learning to build soft skills of students and to address critical local and global water problems in courses such as Water Resources Planning and Management, hydroinformatics, and Sustainable Urban Water Engineering. In 2019, recognizing his effort advancing faculty capacities and higher education systems in Pakistan, Dr. Burian was awarded the Sitara-i-Imtiaz by the President of Pakistan.

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#### **Presentation topic**

### **Reimagining Higher Education Centers for Faculty Development**



#### **Dr. Akifa Imtiaz**

Associate Professor & Chairperson, Department of English, Fatima Jinnah Women University, Rawalpindi

Dr. Akifa Imtiaz is a curriculum designer, professional development facilitator, and teacher-researcher. She's dedicated to both shaping young minds and empowering educators. Her dedication has been recognized with prestigious awards like the Fatima Jinnah Best Teacher Award and the 2022 Research Productivity Award. Dr. Imtiaz currently leads the English Department at Fatima Jinnah Women University in Rawalpindi as an

Associate Professor and Chair.

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#### **Presentation topic**

### **Preparing Faculty to Escape Disciplinary Silos**



#### **Dr. James Agutter**

Professor, School of Architecture, University of Utah, USA

Jim Agutter is an Associate Professor in the College of Architecture + Planning, the Director of the Spark Design Initiative and the Director of the Bachelor of University Studies in the Office of Undergraduate Studies. He is the founder and past director of the Multi-Disciplinary Design Program and the CEO of Applied Medical Visualizations. He has worked on innovation and information design challenges for more than 18 years. Jim's

research has focused on the application of 2D and 3D design concepts to large scale, real-time data environments. He has published extensively in the area of information visualization and design challenges in healthcare and cyber-security. In addition, he has numerous technology solution patents, many of which have transferred to industry. Jim has received numerous awards for his work including the 2004-2005 Creative Achievement Award by the Association of Collegiate Schools of Architecture, 2009 University of Utah Honors Professorship, 2013 Early Career Teaching Award, 2014 University of Utah Beacon of Excellence Award and the 2016 University of Utah Distinguished Innovation and Impact Award.

## Closing Ceremony | 12 June 2024 (Wednesday) | 12:30 to 13:30

- Summary of summit proceedings by Dr. Aslam Chaudhry, Associate Project Director HESSA & Professor, University of Utah
- Remarks by Government Representative and Chief Guest
- Vote of thanks by Dr. Kenneth Holland, Chief of Party HESSA



## SUMMIT 2024



**Summit Website**  [hessa.utah.edu/summit](https://hessa.utah.edu/summit)

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This project is funded by the United States Agency for International Development (USAID) and implemented by the University of Utah led consortium. Partners include the University of Alabama and Institute of International Education. For information, please contact: Dr. Kenneth Holland, Chief of Party HESSA at [kenneth.holland@utah.edu](mailto:kenneth.holland@utah.edu)