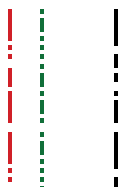


**أسبوع جامعة الإمارات العربية المتحدة للابتكار**  
**أسبوع الإمارات للابتكار**

**UAEU INNOVATION WEEK**  
**UAE INNOVATION WEEK**

## UAEU Innovation Week

22 - 28 November 2015  
Al Ain, United Arab Emirates







**Under the Patronage of His Excellency  
Sheikh Hamdan Bin Mubarak Al Nahyan  
Minister of Higher Education & Scientific Research,  
Chancellor of UAEU**

**The UAEU Organizes the**

## **UAEU Innovation Week**

22 - 28 November, 2015  
United Arab Emirates University  
Al Ain, United Arab Emirates



**About UAEU:**



The first and foremost comprehensive national university in the United Arab Emirates. Founded in 1976 by the late Sheikh Zayed Bin Sultan Al Nahyan, UAEU is a comprehensive, research-intensive university enrolling approximately 14,000 Emirati and international students. As the UAE's flagship university, UAEU offers a full

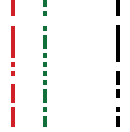
range of accredited, high-quality graduate and undergraduate programs through nine Colleges: Business and Economics; Education; Engineering; Food and Agriculture; Humanities and Social Sciences; IT; Law; Medicine and Health Sciences; and Science. With a distinguished international faculty, state-of-the art new campus, and full range of student support services, UAEU offers a living-learning environment that is unmatched in the UAE.

**About Al Ain City:**



Al Ain, also known as the Garden City due to its greenery, is the second largest city in the Emirate of Abu Dhabi and the fourth largest city in the United Arab Emirates. With a population of 568,221 (2010), it is located approximately 140 km east of the capital Abu Dhabi and about 120 km south of Dubai.

Al Ain is the birthplace of Sheikh Zayed bin Sultan Al Nahyan, the first president of the United Arab Emirates, and it has the country's highest number of Emirati nationals. Al Ain is located in Abu Dhabi, inland on the border with Oman. The freeways connecting Al Ain, Abu Dhabi and Dubai form a geographic triangle in the center of the country.



### About UAE:



The United Arab Emirates sometimes called the Emirates or the UAE, is an Arab country in the southeast of the Arabian Peninsula on the Arabian Gulf, bordering Oman to the east and Saudi Arabia to the south, as well as sharing sea borders with Qatar and Iran.

The UAE is a federation of seven emirates. Each emirate governed by a hereditary emir, one of whom selected as the president of the federation of seven emirates. The constituent emirates are Abu Dhabi, Ajman, Dubai, Fujairah, Ras al-Khaimah, Sharjah, and Umm al-Quwain.

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# UAEU Innovation Week

**Dr. Ali Rashid Al Noaimi**

**UAEU Vice Chancellor**

**Chair**

## Organizing Committees

### **UAEU SIP Inauguration Committee:**

Prof. Ghaleb Ali Alhadrami	Division of Research & Graduate Studies
Dr. Ahmed Hassan Al-Marzouqi	Division of Research & Graduate Studies
Dr. Shawqi Kharbash	College of Information Technology
Dr. Ali Hilal Alnaqbi	College of Engineering
Dr. Mohammed Al Houqani	College of Medicine & Health Sciences
Dr. Adeeb Jarrah	College of Education
Dr. Jose Berengueres	College of Information Technology
Dr. Ibrahim Mohammed Sidawi	Division of Research & Graduate Studies
Dr. Nihel Chabrak	College of Business & Economics
Mr. Moh'd Al Hemairy	Division of Research & Graduate Studies
Ms. Ghalia Alahbabi	Media & Communication Department
Ms. Khadija Al Naqbi	Division of Student Affairs & Enrollment
Mr. Ibrahim Talal	Division of Research & Graduate Studies
Ms. Meera AlMansouri	Division of Research & Graduate Studies
Ms. Hessa Ghafan Alkhyli	Division of Finance & Admin. Affairs
Mr. Mohsen Al Ghaili	Division of Finance & Admin. Affairs
Mr. Mohammed Madi Ahmed	Division of Research & Graduate Studies (Co.)

### **Education Museum Committee**

Prof. Alaa Mussa Kadham Nawras	College of Humanities & Social Science
Prof. Hasan M. Al-Naboodah	University College
Dr. Najwa Mohammed Alhosani	ADEC
Ms. Wafaa Khalaf Al Kaabi	Division of Research & Graduate Studies
Dr. Mohamad Sadeg Shaban	College of Education
Dr. Adeeb Jarrah	College of Education (Coordinator)

### **Health Museum Committee**

Dr. Arif Cevik	College of Medicine & Health Sciences
Dr. Fayez Alshamsi	College of Medicine & Health Sciences
Ms. Ivanna Lizarriturri	College of Medicine & Health Sciences
Ms. Meera AlMansouri	Division of Research & Graduate Studies
Dr. Mohammed Al Houqani	College of Medicine & Health Sciences (Co.)

**1st Joint UAE Symposium on Social Robotics**

**Organizing Committee:**

Dr. Abdeljelil Alwali	UAEU
Dr. Simon Langford	UAEU
Ms. Noura Al-Mezaini	UAEU
Prof. Boumediene Belkhouche	UAEU
Mr. Mohammed Madi Ahmed	UAEU
Dr. Gila Bessarat-Waels	NYUAD
Dr. Mohamad Eid	NYUAD
Dr. Friederike Eyszel.	NYUAD
Dr. Massimiliano Cappuccio	UAEU (Coordinator)

**Scientific Committee:**

Dr. Massimiliano Cappuccio	UAEU
Dr. Friederike Eyszel	NYUAD

**Workshop on Creating a Leadership Culture of Innovation Committee:**

Ms. Nada Seif El Nasr	Division of Finance & Admin. Affairs
Ms. Shama Alkhaili	Division of Finance & Admin. Affairs
Ms. Mariam Albloushi	Division of Finance & Admin. Affairs (Co.)

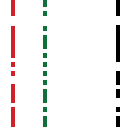
**Intellectual Property & Technology Transfer Symposium Committee:**

Ms. Mahra Mubarak	Division of Research & Graduate Studies
Ms. Hamda Al Niadi	Division of Research & Graduate Studies
Mr. Eisa Fares	Division of Research & Graduate Studies
Mr. Moh'd Al Hemairy	Division of Research & Graduate Studies (Co.)

**Future of Science Parks Symposium Committee:**

Mr. Zuhair Yousif	Division of Research & Graduate Studies
Ms. Meera AlMansouri	Division of Research & Graduate Studies
Ms. Samya Sultan AlQaitef	College of Information Technology
Ms. Muna Khamis Al Kaabi	College of Information Technology
Mr. Mohammed Madi Ahmed	Division of Research & Graduate Studies (Co.)





# UAEU Innovation Week

## Introduction

UAE Innovation Week is an initiative launched by H.H. Sheikh Mohammed bin Rashid Al Maktoum, UAE Vice President, Prime Minister and Ruler of Dubai, which will take place during 22 - 28 November 2015. It aims at making the culture of innovation a defining element of the UAE society. Numerous activities will take place across the country, with the participation of public and private organizations as well as research and academic institutions. The rationale behind the Innovation week is to promote innovation and entrepreneurship amongst the UAEU faculty, staff and students, and the wider business community. With the variety of events, speakers and competitions, there is something for everyone.

UAEU is at the forefront of entrepreneurship education and training in the region and is ideally placed to promote Innovation. The weeklong series of events identifies international leading trends and development in innovation and entrepreneurship, making it a significant meeting place to discuss opportunities and practices for growth and innovation. The main activities of the UAEU Innovation Week include the inauguration of the UAEU Science and Innovation Park, UAEU Annual Research and Innovation Conference, two symposia, a workshop on innovation, two exhibitions on education and medicine, and networking events. It is an ideal platform to network with relevant experts and to get an overview of innovations, research, and much more.

The inauguration day on the 25<sup>th</sup> of November 2015 will start with two symposia, one on the Future of Science Parks and the other on the Intellectual Property & Technology Transfer. The highlight of the day is the official opening of the UAEU Science and Innovation Park by H.H. Sheikh Hamdan Bin Mubarak Al Nahyan, Minister of Higher Education & Scientific Research and Chancellor of UAEU.

## Innovation Week Program

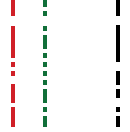
### 1<sup>st</sup> Joint UAE Symposium on SOCIAL ROBOTICS

#### Sunday, November 22<sup>nd</sup> 2015 (Venue: F3 Building, UAEU)

Time	Description
09:00	Welcome Reception & Registration
10:00	Opening Remarks by H.E. Dr. Ali Rashid Al Noaimi, UAEU Vice-Chancellor H.E. Liborio Stellino, Ambassador of Italy in UAE Dr. Abdeljelil Alwali, Chair of organizing committee, UAEU Dr. Friederike Eyssel, Chair of organizing committee, NYU Abu Dhabi
10:30	Keynote Speaker: Giorgio Metta, Italian Institute of Technology, Genoa. Through the Eyes of a Five-Year-Old: iCub and the Future of Robotics Research
11:30	Oral Presentations
13:00	<b>Lunch</b>
15:30	Roundtable: "Stories of Humans and Robots in UAE: the Social Sciences Factor".
16:30	Closing Remarks

#### Monday, November 23<sup>rd</sup> 2015 (Venue: NYUAD)

Time	Description
09:45	Welcome Reception & Registration
10:15	Welcome Address
10:30	Keynote Speaker: Verena Nitsch (Universität der Bundeswehr München) The Social Engineering of Robot Companions. How Do We Create Likeable Robots?
11:30	Oral Presentations
13:00	<b>Lunch</b>
15:00	Keynote Speaker: Takanori Shibata, National Institute of Advanced Industrial Science and Technology, Nagoya. Neurological Therapeutic Medical Robot, PARO, for Non-pharmacological Therapy
16:00	<b>Coffee Break</b>
16:30	Plenary Discussion: The Future of Social Robotics in the UAE and GCC
17:30	Keynote Speaker: Christoph Bartneck, The HIT Lab, University of Canterbury. Are Robots like Humans or Humans like Robots?
18:30	Closing Remarks and End of the Scientific Program



**Innovation Week Program**  
**Workshop on Creating a Leadership Culture of Innovation**  
**Sunday, November 22<sup>nd</sup> 2015 (Venue: F3 Building, UAEU)**

Time	Description
08:30	Welcome Reception & Registration
09:00	Opening Remarks
09:10	Speaker: Phillip A Taylor, Chief Operating Officer Ohio University College of Business USA
10:00	Speaker: Mr. Hassan Syed, Founder and CEO of Bir Ventures USA
11:00	Workshop on Creating a Leadership Culture of Innovation <b>Prof. Geralyn McClure Franklin</b> College of Business & Economics, UAEU
12:30	<b>Lunch</b>
13:30	Workshop on Creating a Leadership Culture of Innovation <b>Prof. Geralyn McClure Franklin</b> College of Business & Economics, UAEU

**Innovation Week Program**  
**Future of Science Parks Symposium**  
**Monday, November 23<sup>rd</sup> 2015 (Venue: F3 Building, UAEU)**

Time	Description
08:30	Welcome Reception & Registration
09:30	Opening Remarks
09:40	Mr. Luis Sanz (Video Presentation) Director General, International Association of Science Parks
10:00	Keynote Speaker: Josep Miquel Piqué President of Technova Barcelona – La Salle Innovation Park
10:30	Keynote Speaker: Dr. Raffaele Buompane, Senior Advisor and Project Manager, European Bossiness Network.
11:00	Stimulating Research and Development Wayne Patterson, Professor of Computer Science, Howard University, USA
11:30	Break
12:00	Panel Discussion Future of Science Parks: <b>Mr. Josep Miquel Piqué</b> President of Technova Barcelona – La Salle Innovation Park <b>Dr. Raffaele Buompane</b> Senior Advisor and Project Manager , European Bossiness Network <b>Mr. Hassan Syed</b> Founder and CEO of Bir Ventures USA <b>Mr. Marwan Abdulaziz Janahi</b> Executive Director, Dubai Science Park UAE
13:30	Lunch



## Innovation Week Program

### Intellectual Property & Technology Transfer Symposium

Monday, November 23<sup>rd</sup> 2015 (Venue: F3 Building, UAEU)

Time	Description
09:20	Welcome Reception & Registration
10:20	Opening Remarks
10:30	Keynote Speaker: Jonathan Fleming Oxford Bioscience VC & Sr. Lecturer MIT, USA. “ <b>Commercializing Innovation in Energy, Water, Biotechnology &amp; Electronics Industries</b> ”
11:30	Break
12:00	Panel Discussion: <b>Jonathan Fleming</b> , Oxford Bioscience Venture Capital & Sr. Lecturer at MIT, USA. <b>Nicholas Lafave</b> , Patent & Tech. Transfer Expert, IP & Emerging Technologies, USA <b>James Kinnaird</b> , Patent Attorney, Marks & Clerk Int., USA <b>Moh’d Al Hemaury</b> , Head of IP & Patents, UAEU
13:30	Lunch

## Innovation Week Program

### UAEU Annual Research & Innovation Conference 2015

#### Tuesday, November 24<sup>th</sup> 2015 (Venue: F3 Building, UAEU)

Time	Description
08:00	Welcome Reception & Registration
09:00	Opening Remarks by H.E. Dr. Ali Rashid Al Noaimi, UAEU Vice-Chancellor
09:20	Keynote Address: Promoting Innovation Through Research by Professor. Wayne Patterson, Professor of Computer Science, Howard University, USA
10:00	Poster Presentations: Faculty/Students (Ground Floor)
11:00-17:00	Oral Presentations: Faculty/Students <ul style="list-style-type: none"> <li>• Session 1: Public Health/Medicine (Room: 40)</li> <li>• Session 2: Microbiology/Immunology (Room: 134)</li> <li>• Session 3: Genetics/Cancer (Room: 234)</li> <li>• Session 4: Diabetes/Neuroscience (Room: 136)</li> <li>• Session 5: Food/Agriculture (Room: 110)</li> <li>• Session 6: Humanities/Social Sciences (Room: 238)</li> <li>• Session 7: Education (Room: 236)</li> </ul>

**\*Note: Registration, Opening remarks and Keynote address will be in the Auditorium, Crescent Building.**

#### Wednesday, November 25<sup>th</sup> 2015 (Venue: F3 Building, UAEU)

Time	Description
08:00	Welcome Reception & Registration
09:00	Keynote Address: Strengthening Scholarly Research Through Graduate Programs by Professor Joseph C. Shields, Vice President for Research & Creative Activity and Dean of the Graduate College, Ohio University, USA
09:40	Poster Presentations: Faculty/Students (Ground Floor)
11:00 - 17:00	Oral Presentations: Faculty/Students <ul style="list-style-type: none"> <li>• Session 1: Transportation/GIS (Room: 134)</li> <li>• Session 2: Materials/Structure (Room: 136)</li> <li>• Session 3: Energy/Heat Transfer (Room: 40)</li> <li>• Session 4: Climate/Environment (Room: 110)</li> <li>• Session 5: Mathematics (Room: 236)</li> <li>• Session 6: Business (Room: 234)</li> </ul>



**Innovation Week Program**  
**Workshop on Creating a Leadership Culture of Innovation**  
**Sunday, November 22<sup>nd</sup> 2015 (Venue: F3 Building, UAEU)**

Time	Description
08:30	Welcome Reception & Registration
09:00	Opening Remarks
09:10	Speaker: Phillip A Taylor, Chief Operating Officer Ohio University College of Business USA
10:00	Speaker: Mr. Hassan Syed, Founder and CEO of Bir Ventures USA
11:00	Workshop on Creating a Leadership Culture of Innovation <b>Prof. Geralyn McClure Franklin</b> College of Business & Economics, UAEU
12:30	<b>Lunch</b>
13:30	Workshop on Creating a Leadership Culture of Innovation <b>Prof. Geralyn McClure Franklin</b> College of Business & Economics, UAEU

**Innovation Week Program**  
**Launching UAEU Incubation Program**  
**Thursday, November 26, 2015 (Venue: F3 Building, UAEU)**

Begins	Activities
9:00	<b>Welcome Remarks</b> UAEU Deputy Vice Chancellor for Research and Graduate Studies: Prof. Ghaleb Ali Al Hadrami Dr. Nihel Chabrak, Incubator Director, UAEU
9:30	<b>Workshop 1: Improvisation in Innovation</b> Willow Williamson, American University, Washington DC, USA
13:00	<b>Workshop 2: Ideation</b> Hamza Chraibi, Arab Excellence

**Friday November 27, 2015 (Venue: F3 Building, UAEU)**

Begins	Activities
9:00	<b>Pitch Competition</b> Admission Panel
10:00	<b>Silicon Valley Immersion Program Overview</b> Dr. Nihel Chabrak UAEU - Incubator Director
11:00	<b>Inspirational Talk Series</b> Dr. Yehya Al Marzouqi, Tawazun, UAE
12:00	<b>Announcement of final disposition to the incubation program</b> Admission Panel

**Saturday November 28, 2015 (Venue: F3 Building, UAEU)**

Begins	Activities
9:00	<b>Workshop 3: Entrepreneurship Legal Aspects</b> Mr. Tarek Hajjiri, Dubai Economic Council Mr. Omar Obeidat, Al Tamimi & Co.
13:00	<b>Workshop 4: Entrepreneurship Environment in the UAE</b> Dr. Constance Van Horne Zayed University, UAE





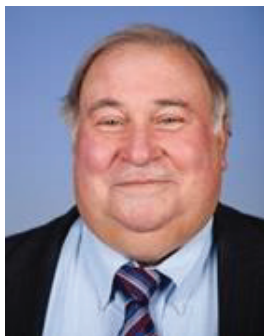
# SPEAKERS

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**JOSEPH C. SHIELDS**  
**VICE PRESIDENT FOR RESEARCH & CREATIVE ACTIVITY**  
**DEAN OF THE GRADUATE COLLEGE**  
**OHIO UNIVERSITY**

Shields, is a professor in the Department of Physics and Astronomy, joined Ohio University in 1996. He received a B.S. in physics and astronomy from the University of Kansas and a Ph.D. in astronomy from the University of California at Berkeley. For six years, Shields has served as chair of the Physics and Astronomy Department, one of the university's most active research departments that also houses one of the institution's largest doctoral programs. An expert in nebular astrophysics, Shields studies the consequences of supermassive black holes in galaxies. In pursuit of his research, he uses both ground- and space-based observatories. Throughout his career Shields has maintained an active research program involving international collaborations, which have resulted in substantial federal grant support and peer-reviewed publications. He served as an editor of the premier journal in the field of astrophysics, frequently invited participant on scientific review panels that determine allocation of research time for the Hubble Space Telescope, the Chandra X-Ray Observatory, and the National Optical and Radio Astronomy Observatories. He is also passionate about the vital connection between research and creative activity and teaching.



**WAYNE PATTERSON**

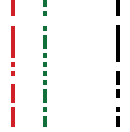
**PROFESSOR OF COMPUTER SCIENCE**

**HOWARD UNIVERSITY**

Dr. Patterson is Professor of Computer Science at Howard University. He is also currently Co-Principal Investigator for the GEAR UP project at Howard. He has been Director of the Cybersecurity Research Center, Associate vice Provost for Research, and Senior Fellow for Research and International Affairs in the Graduate School at Howard. He has also been Professeur d'Informatique at the Université de Moncton, and Chair of the Department of Computer Science at the University of New Orleans, and in 1988 Associate Vice Chancellor for Research at that university. In 1993, he was appointed Vice President for Research and Professional and Community Services, and Dean of the Graduate School at the College of Charleston and the University of Charleston, South Carolina. In 1998, he was selected by the Council of Graduate Schools, the national organization of graduate deans and graduate schools, as the Dean in Residence at the national office in Washington, DC. His other service to the graduate community in the United States has included being elected to the Presidency of the Conference of Southern Graduate Schools, and to the Board of Directors of the Council of Graduate Schools. Dr. Patterson has published more than 50 scholarly articles primarily related to cybersecurity, and a leading textbook, *Mathematical Cryptology*. He has been the principal investigator on over 35 external grants valued at over \$6,000,000. In August 2006, he was loaned by Howard University to the US National Science Foundation to serve as the Foundation's Program Manager for International Science and Engineering in Developing Countries.

He was born in Moncton, New Brunswick, Canada; and studied at St. Francis Xavier University, University of Toronto (BSc and MSc in Mathematics), University of New Brunswick (MSc in Computer Science), and the University of Michigan (PhD in Mathematics). He also held Post-Doctoral appointments at Princeton University and the University of California – Berkeley.

He was appointed in 2015 to the Board of Trustees of the Fielding Graduate University, and he also served as Chair of the Board of Directors of a non-profit, tax-exempt corporation, Project SEED, Incorporated, which conducts advanced mathematics programs for inner-city elementary school children throughout the United States.



**JOSEP MIQUEL PIQUÉ**

**PRESIDENT OF TECHNOVA BARCELONA – LA SALLE INNOVATION PARK**

Josep Miquel Piqué is a Telecommunication Engineer from La Salle and UPC and MBA from ESADE. He holds also diplomas from Massachusetts Institute of Technology (MIT), University of California-Berkeley and Universitat Ramon Llull.

He is a disciple of Professors Henry Etzkowitz (co-founder of Triple Helix), Francesc Solé Parellada (Entrepreneurship) and Jerome Engel (Clusters of Innovation).

He is the President of XPCAT (Catalan Network of Science Parks), Vice-President of APTE (Spanish Network of Science Parks) and Vice-President of IASP (International Association of Science Parks).

His long professional experience in university management has led him to promote and lead Postgraduate Programs, Technology Transfer Centers, University Incubators and Innovation Science and Technology Parks. He has promoted several hybrid organizations taking the partnership model University-Industry-Public Administration.

He has published several papers in publications and congresses on Innovation Ecosystems. He has participated in several international forums in Europe (Bulgaria, Denmark, Spain, Finland, France, Italy and UK), America (Brazil, Canada, Chile, Colombia, Mexico, Peru, U.S.A.) and Asia (Korea, Philippines, Singapore, Japan and China).

The central line of his activity is the promotion of Knowledge-based Economy and Society in order to consolidate Knowledge Cities on Smart Cities.



**PHILLIP A TAYLOR III PHD MBA**

**CHIEF OPERATING OFFICER**

**OHIO UNIVERSITY COLLEGE OF BUSINESS**

Professor Phillip A. Taylor III is an experienced college administrator whose career is marked by major contributions to curriculum development, accreditation and learning enhancement. With a joint background in academics and business management, Dr. Taylor offers a unique ability to optimize institutional efficiency while maintaining an unwavering focus on academic goals and principles underscored by strong

faculty support and a commitment to providing students with a high-quality and functional education that focuses on the whole person.

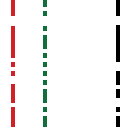
In 2004, Dr. Taylor selected as the Dean of Science, Liberal Arts, and Business at Paul Smith's College. As Dean, he authored a proposal to amend the college's charter, paving the way for Paul Smith's to offer its first Bachelor of Arts degree. Serving as the Co-chair of the Regional Accreditation planning committee, Dr. Taylor played a key-role in restructuring general education curriculum, which integrates the liberal arts professional studies.

Prior to his position with Paul Smith's, Dr. Taylor served as a faculty member for the Division of Arts and Sciences at Glenville State College. In 2002, he was appointed as department chair and then became one of two division chairs for the college with responsibility for managing faculty, programs, and budgets for nine departments. Leveraging his exceptional business acumen, Dr. Taylor led the division, which had previously operated at a loss, to achieve a surplus, despite a state-mandated budget reductions. Dr. Taylor's contributions to improving education at Glenville are numerous.

From 2000 to 2003, while at Glenville State College, Dr. Taylor also served as the founding director of the Presidential Scholars program, which he designed around the honors college model, incorporating a strong community service component.

In January of 2015 Dr. Taylor assumed the newly created role of Chief Operating Officer in the College of Business (CoB) at Ohio University. The universities most successful college, and the only one with a COO, the CoB is leading the way on the implementation of best practices in shared services and responsibility centered management.

Dr. Taylor received a Ph.D. in Molecular and Cellular Biology and M.B.A. in Business Administration from Ohio University where he focused his studies on effective management practices for creative and technical professionals. He holds a Master's degree in Biology and Bachelor of Arts degrees in Chemistry and Biochemistry from East Stroudsburg University. Dr. Taylor is a Certified University Planner through the Society for College and University Planning and has served the Middle States Regional Commission on Higher Education as reviewer.



**JONATHAN J. FLEMING**

**NEHI (NETWORK FOR EXCELLENCE IN HEALTH INNOVATION)**

Jonathan J. Fleming is President of NEHI, a national health care policy think tank. Founded in 2002, NEHI is a nonprofit, non-partisan, evidence-based institute dedicated to identifying innovations that provide solutions to the most pressing issues facing our health care system today. Since 1999, Mr. Fleming has been the Managing Partner of Oxford Bioscience Partners, an international venture capital firm specializing in life science investments, based in Boston, Massachusetts. Mr. Fleming has been in the investment business for more than 29 years, starting and financing growth companies in the United States, Europe, and Asia. Prior to joining Oxford Bioscience Partners in 1996, he was a Founding General Partner of MVP Ventures in Boston, MA. He began his investment career with TVM Techno Venture Management in Munich, Germany. Mr. Fleming also co-founded Medica Venture Partners, a venture capital investment firm specializing in early stage health care and biotechnology companies in, and the Korea Seoul Life Science Fund, based in Seoul, Korea. Mr. Fleming is a director of Xencor (NASDAQ: XNCR) and several private early stage life science companies. He is also a director of Leerink Partners, a Boston based investment bank specializing in health care companies. In addition, Mr. Fleming has been a Senior Lecturer at the MIT Sloan School of Management since 2003, where he co-teaches a class on business strategy for life science managers. He is an advisor to the SBIR program of the National Cancer Institute. Mr. Fleming holds a Master's degree in Public Administration from Princeton University's Woodrow Wilson School of Public and International Affairs.



### **Professional Experience**

Nick is a member of the Intellectual Property & Emerging Technologies Practice Group. He is a Registered Patent Attorney who focuses his practice on Intellectual Property Protection & Management, Licensing and Commercialization, and Technology Transfer for Research Universities and Innovation Centers. Nick has a research science background in biology and provides expertise in the area of biotechnology, with a particular focus on molecular genetics and microbiology. Nick has visited institutions throughout the GCC, giving talks and providing recommendations regarding technology transfer policies and best practices in translating innovative research into commercial success.

Prior to joining the firm, Nick has experience at the United States Patent and Trademark Office in Art Unit 1634, dealing with personalized medicine and genetics. He also spent two years working at a Harvard Medical School research laboratory studying host-pathogen interactions, with a particular focus on immune surveillance and immune-avoidance mechanisms.

### **Bar Admissions**

- U.S. Patent & Trademark Office (USPTO)
- Commonwealth of Virginia





James Kinnaird trained as an organic chemist and received his Bachelor's degree in Chemistry from Glasgow University and his PhD degree from Cambridge University. James initially pursued a career as a medicinal chemist at Pfizer following a postdoctoral work at Columbia University in New York. Realising the error of his ways, James joined the patent profession over 10 years ago and is qualified as a European, Singapore and UK Patent Attorney.

James joined Marks & Clerk in Singapore in 2013 and has particular expertise in assisting clients with the drafting and prosecution of applications in the chemical, food, life science, wearable technology and materials fields. James managed and implemented strategies for protecting the inventions of pharmaceutical companies worldwide. James also has particular expertise in the running of complex Freedom to Operate projects involving multiple products and multiple territories.

James has been a tutor for Singapore's IP Academy in relation to invalidity and infringement and is involved in the Examination committee for the Singapore Patent Attorney examinations.

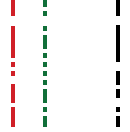


**MR. LUIS SANZ**  
**DIRECTOR GENERAL**  
**IASP SPAIN**

Luis Sanz (Spain, 1952) is Director General of the International Association of Science Parks and Areas of Innovation since 1996, and member of its Executive Board. A trained sociologist, he is an expert consultant and senior adviser to different Science Parks worldwide and chief coordinator of over 30 international conferences on Science and Technology Parks, regional development and innovation policies.

He is author of numerous papers, books, articles and presentations on this topic and has participated as invited speaker in over 95 international conferences and seminars all over the world. Formerly he was the co-director of Valencia Technology Park (Spain) which he founded in 1987 and as positions of trust he has been Vice-President of the Spanish Association of Science Parks and President of the European Division of the IASP.

Luis Sanz is also the head coordinator of the World Alliance for innovation (WAINOVA). Luis Sanz, Director General of IASP, remarked "Science parks are evolving into connected areas of innovation and NETPark has long been an example of a science park which is pioneering new ways of extending its economic impact.



**MARWAN ABDULAZIZ JANAHI**

**EXECUTIVE DIRECTOR, DUBAI SCIENCE PARK**

Marwan Abdulaziz Janahi is the Executive Director of Dubai Science Park (DSP), the region's first free zone community that serves the entire value chain of the science sector, dedicated to supporting scientific entrepreneurs, SMEs and multinational enterprises. Formerly known as DuBiotech and Enpark, it is home to over 280 science companies across life sciences as well as the energy and environment sectors.

Marwan began at DSP as a Sales Manager before being promoted to Business Development Director. He became Executive Director in 2013. Prior to this, Marwan was a Business Analyst for DUBAL.

Marwan holds a Bachelor's degree in Business Administration from the University of Texas, USA and has completed the 'Future Leaders Programme' for UAE nationals in 2007 and 'Developing General Management Potential' from Cranfield University in 2008. He also graduated from a programme on general education from the American University of Dubai (AUD) and successfully finalized the INSEAD – UAE Consortium for Executive Development Programme in September 2015.



**HASSAN SYED**

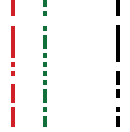
**FOUNDER AND CEO OF BIR VENTURES USA**

Hassan Syed is the Founder and CEO of Bir Ventures, a technology incubator that brings ideas to reality. A technologist at heart, he has broad international experience and an impressive track record to convert concepts into successful products. Since 2012, Hassan amalgamated and leads a collaborative network of 85 professionals from diverse backgrounds. Harnessing the power of this network, using the agile development methodology, he has launched three major products in the market.

Hassan firmly believes that behind every success story was a good idea, and every good idea needs a robust execution plan. He has brought numerous products to the market from when they were just an idea. The success Hassan brings to the table is his ability to lead teams by creating seamless synergy where everyone is connected to the vision, understands what roles they play, and find personal fulfillment as well. His colleagues describe him as visionary, big-picture thinker, and innovative.

Before starting Bir Ventures, Hassan worked as the Executive Director for Twycross Zoo in the UK, leading Finance, IT, Fund Raising, Project Management and HR. Before that, as the Chief Information Officer at International Species Information System, Hassan led a global team on the Zoological Information Management System (ZIMS) project since its inception in 2002 through to its launch in 2010. ZIMS is a SaaS-based solution for the global aquarium and zoo community, currently in use by 900+ institutions worldwide.

Hassan is always interested in new ideas and always willing to hear about them. He is an advisor to many technology startups.



**DR. RAFFAELE BUOMPANE**

**SENIOR ADVISOR AND PROJECT MANAGER**

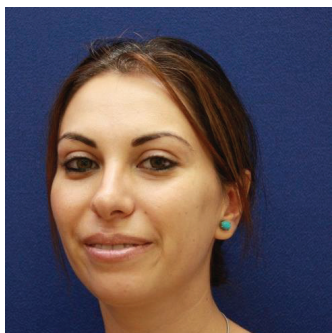
**EUROPEAN BUSSINESS NETWORK**

Raffaele Buompante is cooperating with EBN since 2007 acting mainly as Senior Advisor and Project Manager and representing the organization in several events all over Europe and beyond.

With more than 15 years of multifaceted international experience, in particular in the fields of Intellectual Property, Strategic Management and Public Relationships, he has a legal and economic academic background holding a PhD in Economics, a Master in International Political Sciences and a Master in Geopolitics. He also attended an MBA course in the Imperial College in London.

Being professionally born as External Relation Manager, he worked in the Italian Patent and Trademark Office, where he specialized himself in Intellectual Property, and the European Patent Office in Germany and in Serbia as External Relations Manager, Project Director and Team Leader for an IPR EC project. In the private sector, among others, he had a cooperation with BMW as Chief Event Manager.

In EBN he has been so far responsible for the implementation of a portfolio of several projects including Jordan SRTD, TexTechMed, Turkey AbiGem, Ip4inno, ETC Tunisia, EuroMed@Change, PeCoS4SMEs, FETRIC, GReaC, ETRERA 2020, IPR China Helpdesk, IPR ASEAN Helpdesk, CreatiFI, Silver Workers, SaveH2O.



**DR. NIHEL CHABRAK**

**ASSOCIATE PROFESSOR - ACCOUNTING DEPARTMENT**

**COLLEGE OF BUSINESS & ECONOMICS**

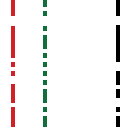
Dr. Chabrak worked as a consultant in Business & IT in France where she managed projects for French companies such as the group Total, in collaboration with Atos Origin.

From 2002 until 2011, she held a position of Assistant then Associate Professor at Institut Mines Telecom, Paris – France. She took up several Visiting Scholar and Professor positions at the University of Wisconsin La Crosse – USA (2007), University of Canterbury – Christchurch, New Zealand (2009), Deakin University – Melbourne, Australia (2009), University of Manouba – Tunis, Tunisia (2010), University of South Australia – Adelaide, Australia (2010) and the UAEU, Al Ain, UAE (2011).

Dr. Chabrak delivered numerous in-company courses and in EMBA and EDBA programs in France, Morocco and Syria on Accounting (financial and management), financial analysis and evaluation. She is currently teaching Corporate Governance in UAEU MBA and MPA programs and Philosophy of Social Research as well as Corporate Social Responsibility in UAEU DBA program. She was involved in teaching for CMA and CIA certificate-exams' preparation.

Dr. Chabrak is currently the director of the UAEU Science & innovation Park director. She was instrumental in promoting innovative approaches to develop entrepreneurship curricula and to entrench a culture of innovation in several Tunisian universities with the support of the European Commission.

Dr. Chabrak has been publishing in international journals and conference proceedings. She was the guest editor of the special issues "The French Connection" and "The Global Financial Crisis" (with Yves Gendron) for Critical Perspectives on Accounting. She is currently the guest editor for a new special issue on "Emancipatory Accounting" for the same journal. She is editorial board member for Critical Perspectives on Accounting and the Accounting Forum. She is serving as ad hoc reviewer for journals (Human Relations, Accounting, Auditing and Accountability Journal, Journal of Business Ethics, Competition and Change Review, Journal of Business Ethics Education, Accounting Education, an international journal, and Advances in Public Interest Accounting Journal, etc.). She is the co-founder and organizer of the International Critical Studies in Accounting and Finance Conference in Tunisia in 2009 and in Abu Dhabi in 2013.



**HAMZA CHRAIBI**

**FOUNDER AND PRESIDENT OF ARAB EXCELLENCE**

Hamza Chraibi is the Founder and President of Arab Excellence ([www.arabexcellence.com](http://www.arabexcellence.com)), a global organization based in 5 countries. Through meetings, interviews, events and workshops with self-made positive role models originally from the Arab world, Arab Excellence aims at honoring the Arab achievements worldwide and inspiring and empowering the young generations with Arab success stories they can relate to. Arab Excellence is currently partnering with key organizations such as INSEAD, the Moroccan Stock Exchange and institutions in the Arab countries to implement programs locally. Indeed, Arab Excellence had developed an educational and training program based on the real experiences and stories of these Arab Excellence figures worldwide. The aim is to help students and trainees nurture the mindset of Excellence and provide them with different ways of achieving it. Hamza and his team have conducted so far more than 65 interviews with inspiring Arab role models in 5 continents.

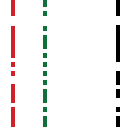
They have organized several conferences and workshops across the world with high-level Arab achievers and leaders including at Stanford University, INSEAD, HEC Paris, the American University of Beirut among others. Hamza has also been invited to give inspirational speeches on different occasions such as; the Graduation Ceremony of INSEAD, the United Nations Forum in China (UNOSSC & UNAIDS), the Bosphorus Summit in Istanbul, The OECD Annual Committee in Paris, and the Dean International Council of the University of Chicago Harris in Doha, among others. Hamza was also selected as Young Ambassador by the International Olympic Committee (the Olympic Movement) for this work to empower the Arab youth.



**DR. CONSTANCE VAN HORNE**  
**ASSOCIATE PROFESSOR OF STRATEGY**  
**ZAYED UNIVERSITY**

Constance Van Horne is an Associate Professor of Strategy and Coordinator of Internships and Alumni in the College of Business at Zayed University in Abu Dhabi, UAE. She was the project lead of the most recent Global Entrepreneurship Monitor Report from the United Arab Emirates and was a co-author on the first book published on Emirati entrepreneurship. She has published peer reviewed articles, chapters and conference presentations with her students and alumni on Emirati entrepreneurship, Emirati leadership, innovation processes in the UAE and Emiratisation. Her research has been cited in many publications and media in the UAE and internationally. Dr. Connie is a passionate teacher and makes it a point to incorporate heritage and Abu Dhabi Plan 2030 into every course she teaches, whether it be Strategy, Capstone Research or Innovation. This has led her to field trips in all seven Emirates and visits to the mountains of Fujairah to discover the strategy of the Emirati craft honey industry, to learning about camel farming, Arabian horse farming, organic produce farming and many more. You can read about her action-learning adventures with her students and research on her blog [www.uaestrategy.blogspot.ae](http://www.uaestrategy.blogspot.ae).





**WILLOW WILLIAMSON SHORT BIO**

**CREATIVITY, ICTS, PUBLIC DIPLOMACY,  
INTERCULTURAL COMMUNICATION, WOMEN'S  
EMPOWERMENT, ENTREPRENEURSHIP**

Willow Williamson is a multimedia and international communications strategist with a focus on women's empowerment and entrepreneurship. She has over 15 years of international work experience as an entrepreneur and academic. She has designed programs and businesses in international markets, including the US and West Africa, including a music production company in Los Angeles, CA and a computer company in Dakar, Senegal. She has in-depth knowledge of qualitative research, intercultural communication, and grant writing. She is currently a PhD Candidate in International Relations at American University in Washington, DC, where she received her MA in International Media.

# OUR SPONSORS

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Abu Dhabi Education Council (ADEC) was established in 2005.

ADEC seeks to develop education and educational institutions in the Emirate of Abu Dhabi, implement innovative educational policies, plans and programs that aim to improve education, and support educational institutions and staff to achieve the objectives of national development in accordance with the highest international standards.

**ADEC Vision – Education First:** Recognized as a world class education system that supports all learners in reaching their full potential to compete in the global market.

**ADEC Mission:** To produce world-class learners who embody a strong sense of culture and heritage and are prepared to meet global challenges.

**ADEC Values:** ADEC's core values are the foundational principles for continually improving performance:

**Teamwork:** Emphasize the virtues of cooperation and coordination

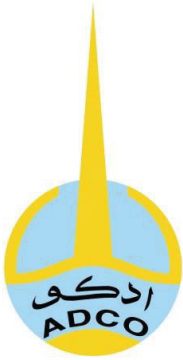
**Integrity:** Doing the right thing no matter what the circumstances may be

**Transparency:** Open, true and honest communications and actions

**Respect:** Respect children, colleagues, parents and community

**Accountability:** Take personal responsibility for action

**Compassion:** Caring and responsibility toward others



The Abu Dhabi Company for Onshore Petroleum Operations Ltd. (ADCO) was established under Law No.13 of 2014 as a limited liability company that was established to explore, develop and produce oil and other hydrocarbon substances in the onshore concession area on behalf of its Shareholders. Its headquarters is in the UAE capital, Abu Dhabi.

ADCO's Vision 20/20: To be respected as the primary contributor to Abu Dhabi's sustainable future through our stewardship of ADCO's resources.

Our strategies to achieve this Vision include:

- Continuously achieving the highest standards of Asset Integrity and HSE performance.
- Generating a continuous development pipeline for technical, business and leadership talent across the enterprise that demonstrates social responsibility and drives Abu Dhabi 2030.
- Effectively evaluating and executing optimum reservoir development choices and management strategies to maximize economic recovery.
- Rapidly adopting proven technologies that enable efficient field development and operations.
- Ensuring operational excellence of our facilities to optimize system performance.



منتزه جامعة الإمارات للعلوم و الابتكار  
UAEU SCIENCE & INNOVATION PARK



واحة العقول  
AN OASIS OF MINDS



مجلس أبوظبي للتعليم  
Abu Dhabi Education Council  
التعليم أولاً Education First



شركة أبوظبي للعمليات البترولية البرية المحدودة (أدكو)  
Abu Dhabi Company for Onshore Petroleum Operations Ltd. (ADCO)

إدارة الخدمات العامة  
وحدة المطبوعات  
جامعة الإمارات العربية المتحدة

