

*Professor Talal Yusaf*



**Executive Dean** - Higher Education and Emerging Technologies, Aviation Australia, Queensland Government, Australia, and Professor at Central Queensland University.

**Pro Vice Chancellor and Professor (2018-2021)**  
Federation University Australia, Ballarat, Victoria, Australia

**Executive Director and Professor (2000-2018)**  
University of Southern Queensland, QLD Australia

[talaloo@hotmail.com](mailto:talaloo@hotmail.com) , Mob. +61400483650

Professor Talal Yusaf currently hold the position of Executive Dean - Higher Education and Emerging Technologies, Aviation Australia, Queensland Government, Australia, and Professor at Central Queensland University. Professor Yusaf commenced his role as Pro Vice Chancellor, International and Partnership at Federation University Australia in September 2018, and was the Executive Director (International and Research Partnership) at University of Southern Queensland (2008-2018). Professor Yusaf's international university career has included teaching, research and management positions in Southeast Asia, the Middle East, the United Kingdom and in Queensland for the last 31 years. Member of

1. Board of Director of Aviation Australia, Queensland Government - current
2. Board of Director of Aviation Australia Riyadh College at Kingdom of Saudi Arabia KSA, base in Australia - current
3. Deputy/Pro Vic Chancellor International Forum, 2013-2021
4. Australian Universities International Directors forum (AUIDF), 2013-2021
5. Chair, Queensland Universities International Directors Forum (QUIDF), 2016-2018
6. The Higher Education Academic Board of TAFE Queensland – current
7. International University Review and Audit panel
  - a. Australian University of Kuwait – annual visit (2020-2023)
  - b. Central Queensland University (2021/22)
  - c. Ministry of Higher Education and Scientific Research including 4 public and 2 private universities (2023).
  - d. University Malaysia Pahang Malaysia (2015)
8. Strategic Advisor to the Minister of Higher Education and Scientific Research - current
9. International consulting board (ICB), to the president of University of Technology – Iraq
10. Adjunct Professor, Uni of Southern Queensland and Universti Tengan Nasional – current .

Professor Yusaf holds PhDs in renewable energy and biotechnology, and has a strong research background in Renewable Energy, Hydrogen Technologies, environmental pollution, alternative fuels for IC engines. Professor Yusaf's academic qualifications include BSc (Hons) *UoT Baghdad 1987*, master's in engineering science 1994 (UKM), PhD1 *USQ Queensland Australia* and PhD2 *National Uni UKM Malaysia 1999*. Professor Yusaf has supervised over 50 PhD and Postgraduate students and has written and contributed to over 200 journals and 10 books.

Professor Yusaf's professional memberships and affiliations include Pro Vic Chancellor / Deputy Vice Chancellor Forum (Australia), Australian University International Director Forum AUIDF, Chair of QLD international Director Forum, Director- International Sponsor Engagement and Research Partnerships (ISERP), Bio-Energy Research Group Leader at the National Centre for Engineering in Agriculture Queensland. Professor Yusaf is Associate Editor-in-Chief for Sustainability Journal, Applied Sciences Journal, Energies and Groundwater for Sustainable Development.

- World's Top 2% Researcher's Published by Elsevier (top first quarter of the 2% - rank 49457) in 2021 and 2022.
- ORCID - [Talal Yusaf \(0000-0002-5332-4792\) \(orcid.org\)](https://orcid.org/0000-0002-5332-4792) (Scopus H index 46)
- Publications [Professor Talal Yusaf - Google Scholar](https://scholar.google.com/citations?user=1c1.64.psy-ab.0.0.0...0.LYxF3HCmf4) (H index 61)
- Book, chapter in book - [https://www.google.com.au/search?dcr=0&biw=1103&bih=555&tbm=bks&ei=kUefWs2sGsbK0ASAI4gIAQ&q=Talal+Yusaf+&ooq=Talal+Yusaf+&gs\\_l=psy-ab.12...3916.3916.0.5176.1.1.0.0.0.179.179.0j1.1.0...0...1c.1.64.psy-ab.0.0.0...0.LYxF3HCmf4](https://www.google.com.au/search?dcr=0&biw=1103&bih=555&tbm=bks&ei=kUefWs2sGsbK0ASAI4gIAQ&q=Talal+Yusaf+&ooq=Talal+Yusaf+&gs_l=psy-ab.12...3916.3916.0.5176.1.1.0.0.0.179.179.0j1.1.0...0...1c.1.64.psy-ab.0.0.0...0.LYxF3HCmf4)
- Editorial Board of Q1 Sustainability Journal and Q2 Energies Journal.
- Member of The Hydrogen Flight Alliance, Queensland Government .

Professor Yusaf is married with four children, including twin son and daughter, and is a huge fan of volleyball and soccer. I speak and write using English, Arabic and Bahasa Malaysia.

## Appendix

### Career history summary

2021- now	Executive Dean (Higher Education and Emerging Technologies) and Prof at CQU, Queensland, Australia
2018- 2021	Pro Vice Chancellor, and Professor (Renewable Energy) at Federation University Australia
2013-2018	Executive Director (International & Development), University of Southern Queensland (USQ)
2010-2013	Director International Sponsorship Engagement & Research Partnership (ISERP), USQ
2010-2011	Visiting Professor, University College London
2006-2010	Associate Dean and HDR Coordinator, Faculty of Engineering, USQ, Australia
2004-2006	Thermo-fluid unit, University Tenaga Nasional (UNITEN) Malaysia
2001-2004	Research Fellow and Lecturer (Mechanical Engineering), USQ, Australia
1998-2001	Thermo-fluid unit, Universiti Tenaga Nasional UNITEN Malaysia
1994-1998	Lecturer, International Islamic University Malaysia
1991-1994	Research Assistant, UKM Malaysia
1988-1990	Production Engineer, CNC Programmer

### Leadership Training and Presentation

2016-2020	Deputy Vice Chancellor (Students & Communities) – monthly leadership sessions; USQ, Australia
2016	“Personal leadership journey” – Invited speaker – Golden Key new member reception, Toowoomba
2016	Ignite Leadership and management program, Queensland Australia
2015	Coaching and leadership development program, Leading Stratagems, Qld
2014	Tertiary Education Leadership program, LH Martin, Brisbane, Qld.

### National engagement and membership (2000-2023)

Deputy/Pro Vice-Chancellors (International) forum (D/PVCI)  
 Executive member of Australian Universities International Directors forum (AUIDF)  
 Chair, Queensland Universities International Directors Forum (QUIDF)  
 Higher Education Academic Board of TAFE Queensland  
 Queensland Intercultural Society  
 Honorary member, Golden Key National Honor Society  
 Australian Trade & Investment Commission (Austrade)  
 Trade & Investment Queensland (TIQ)  
 Toowoomba Regional Council (TRC)

### International engagement and membership

1. International University Review and Audit panel
  - a. Australian University of Kuwait – annual visit (2020-2023)

- b. Central Queensland University (2021/22)
  - c. Ministry of Higher Education and Scientific Research including 4 public and 2 private universities (2023).
  - d. University Malaysia Pahang Malaysia (2015)
2. Strategic Advisor to the Minister of Higher Education and Scientific Research Iraq- current
  3. International consulting board (ICB), to the president of University of Technology – Iraq
  4. Adjunct Professor, Uni of Southern Queensland and Universti Tengan Nasional – current .
  5. Adjunct Professor at University Putra Malaysia, University Malaysia Pahang and University Tenaga Nasional
  6. Australia Malaysia Business Council Qld Inc. (AMBCQ)
  7. Malaysians Diaspora team in Australia associated the Education Attaché, Sydney
  8. Australia Arab Chamber of Commerce and Industry (AACCI)
  9. Australia China Business Council (ACBC)
  10. National Association of Foreign Student Advisers (NAFSA)
  11. European Association for International Education (EAIE)
  12. International Education Association Australia (IEAA)
  13. Visiting Professor to University College London (UCL), University Malaysia (UM), and University

## **PROFESSIONAL ROLES AND ACHIEVEMENTS**

### **A. Executive Dean (Higher Education and Emerging Technologies), Aviation Australia, Queensland Government, Australia**

In my current role, I am responsible for managing all Higher Education Programs and Research and Development in Aviation Australia and managing the relationship with our Domestic and International University partners. The Higher Education programs are undergraduate and post graduate Aviation related program, Aviation Maintenance Engineering (Avionic and Mechanical) couple with European Aviation Safety Agency EASA, Aviation management, Unmanned Aviation System/Vehicle. I am also a member of the Higher Education Academic Board of TAFE Queensland. One of the most significant projects that I oversee is the development of Fuel Cell Technology for 19 passenger Aircraft using Green Hydrogen, it is a multi-million project with Stralis (industry partner). We aim to fly the first Australian Hydrogen airplane in 2024. In addition, I look after Aviation Australia International Business and Partnership, specifically in ASEAN and ME regions. Our major partner is the Aviation Australia Riyadh College at Kingdom of Saudi Arabia KSA.

### **B. Pro Vice Chancellor (International and Partnership), 2018 -2021**

In my role as a PVC International and Partnership and Professor in Renewable Energy, I am responsible to manage all matters related to International Business, Partnership, International Ranking, HDR recruitment, and support DVC (R&I) in international research engagement. I was responsible to manage a budget of around 120 M AUD and 65 staff. In my role. In addition, I was responsible to manage around 8500 international students, they study with our three major TNE partners in Melbourne, Sydney and Adelaide and our international partners in Kuala Lumpur.

### **C. Executive Director (International & Development), 2013-2018**

As the Executive Director (International and Development) at the University of Southern Queensland, I oversee and direct all matters relating to the establishment and beneficial development of international relationships. This role encompasses the development of curriculum alignment, articulation, and partnerships (onshore and offshore) for all research and teaching programs offered by USQ, the development and implementation of an overall, international strategy, international policy and procedure for undergraduate and postgraduate programs, on-campus, online and external learning, and the development of the international HDR strategy. I was responsible to manage around

56 M AUD and 35 Staff. Our TNE international partners are in Malaysia, China, Vietnam, Indonesia, Hong Kong, Russia, New Zealand and several articulation programs in SEA and Middle East.

In addition, I maintained my professorial role at the faculty of engineering and surveying via research and development, HDR supervision and teaching and Learning. I led the bioenergy team at the National Center for Engineering in Agriculture and managed to secure around 4.5 M AUD, supervised 10 HDR student till completion, significant of quality publications in quality journal and established the Energy and Fuel lab (P7).

#### D. Director, International Sponsorship Engagement & Research Partnership (ISERP) 2010-2013

Following the outstanding success of my involvement with USQ International (2008- 2010), I was approached by the PVC (International) and offered a secondment position as Director of ISERP. During that time USQ had limited involvement in the Sponsor markets in the Middle East and SEA regions. I successfully developed these markets as follows:

- I developed and implemented mechanisms (Sponsor Indicator and Sponsor Student Group for HDR and PG student) to assist in the process of enrolling and reporting them. This has included the development and implementation of a new process which involved extensive consultation and training with Faculties, Office of Research and Graduate Studies (ORGS), Open Access College (OAC), Research Centers and the Student Services office.
- I initiated the engagement and conversation with the Ministry of Higher Education (MOHE) and sponsor bodies in various countries to include USQ on their approved Universities list by promoting the excellent USQ research programs in North Asia, Southeast Asia, Middle East and North Africa regions.
- I adopted innovative techniques such as joint/double award, joint supervisions, and blended mode via USQ online platform and articulation arrangements.
- The average annual revenue of this initiative was ranging between 4-6 million dollars and around 150 sponsored student commencements annually.

#### E. International Academic and Research Coordinator, USQ 2008-2010

Due to the significant role that I played in promoting the Faculty program internationally, the PVC (Research) and the Dean of Engineering and Surveying appointed me as International Academic and Research Coordinator in 2008. I was tasked to lead the development of its HDR profile, with a focus on building high quality, full-fee international doctoral student load. The outcome was that USQ experienced a significant increase in its HDR load not only in my faculty but across the entire University. My outstanding success in furthering both HDR and UG student load resulted in the increase of sponsored student income by over 140% from \$2.8 million in 2009 to \$6.97 million in 2012. These outcomes led the PVC (International) to invite me to the position of Director of ISERP in 2010.

#### F. Senior Lecturer, USQ Department of Mechanical Engineering, 2006-2008

In 2006, I moved to Australia permanently to work in the Department of Mechanical Engineering as full time senior lecturer involved in teaching undergraduate and postgraduate courses, HDR supervision, developing courses and revitalization processes, and serving as course coordinator.

#### G. Thermo-Fluid Unit, UNITEN Malaysia, USQ 1998-2006

In 1997-8 and (2004-2006), I was a team member of the project group to establish the university campus with the support of the mother company Tenaga Nasional Berhad (TNB). I was of the team leader the Thermo-Fluid Unit sit in the college of engineering into a new research culture and expansion of its research partnerships domestically through its research and development division (TNBRD). I invested a great deal of time and effort to establish the undergraduate and research laboratories, ICE, thermo-fluid, alternative energy and high-speed gun tunnel. The use of alternative

fuel in ICE research facility subsequently became part of the Centre for Energy and Power that established in 2004, to advance research in the area of renewable energy in partnership with TNBRD. Under my leadership, I managed to secure around RM2 million in research funds and consultation agreements. Partners included Tenem Hydro power plant Sabah, TNBRD, IRPA (government research source).

#### G. Concurrent work at USQ, Senior Research Fellow, 2001-2006

From 2001-2004 I had to return to Australia to conduct my research in the area of biotechnology and work as senior research fellow at USQ. This was part of my residency requirement in Australia. From 2004 through 2006, I was working between Australia and Malaysia to complete the tasks given by both USQ and UNITEN. This arrangement resulted in a number of research arrangements between the two institutions and the completion of two HDR students under joint supervision arrangements.

#### H. Lecturer (Malaysia) 1992-1999

In 1992, I was granted a scholarship by UKM to do my Master in the area of Compressed Natural gas for Diesel Engine. I spent two years working as a research assistant in the Engineering faculties. I was also involved in tutoring basic engineering courses and teaching technical drawing using Auto-cad.

In 1997, I accepted a senior lecturer position at UNITEK University which was a partner with UKM. I was involved in teaching undergraduate courses and developing new courses, laboratory setup, and tutorial and course moderation. I started my course coordinator role in 1997-1998.