

**Candidate: Yadin David, Ed.D., CCE, FAIMBE, FACCE**

**• Impact:**

- Led the start-up of ACCE in 1990s and HTF in 2000s (serving as first president of both), revived IFMBE CED in the past 10 years (serving as Chair, 2009-2012, continuing as board member to present) – through which CE has much greater global recognition externally with health leaders and gaining consensus among global peers on the path forward internally within the profession. CED and ACCE now have ongoing dialogue with over 100 countries over CE-HTM issues. He also founded the Center for Telemedicine & e-Health Law in Washington DC, and served as its first president.

**• Influence:**

- Been a consistent CE best practice leader over the past 30+ years in technology management and CE-IT, through his visionary leadership, daily work, speaking, and writing, not only within the profession but regularly with the top stakeholders in government, industry, and healthcare executives. Recent examples: imagined and led from 2015-present the 1<sup>st</sup> global CE-HTM congress, the presentation of global CE success stories to WHO member countries' Ministers of Health, and the 1<sup>st</sup> Global CE day rippling all kinds of recognition-enhancing media from 30 countries around the world in one day.

**• Innovation:**

- **Some examples of his original thinking and creativity:**
  - Through his technical standards development field serving on the Accreditation Board for Engineering Technology (ABET), the Committee on Health Care Safety of The Joint Commission (TJC), the National Fire Protection Association (NFPA) and presently the US FDA advisory panel.
  - Through academic appointments with University of Texas (UT) School of Public Health, and previously with Baylor College of Medicine, UT Health Sciences & Tec de Monterrey Medical School in Mexico.
  - Through his various certifications and registrations: International Health Care Safety Professional, CCE, PE, and more recently, Fellow of the American Board of Forensic Engineering and Technology.
  - As evidenced through his 20+ US and global awards, and through his nearly 400 publications and presentations on leading CE issues over his 40-year career.
- **Some specific topics for which he was an early voice:**
  - OR hazards in the 1970s; Critical care monitoring in the 1980s
  - The rise of the CE profession in the 1990s, and its impact on medical device regulation & management
  - Safety & risk issues in the 1990s; The rise of Telemedicine & Telehealth in the 1990s
  - EMI/EMC in the 2000s; Disaster preparedness in the 2000s
  - CE education and internships in the 2000s; global CE professional development in the 2000s
  - Clinical alarm management; risk management in the 2000s; early CE-IT issues in the 2000s

- CE development in China in the 2010s; complying with IEC 80001 in the 2010s for risk management
- **Reach:** Simply put, Yadin's visionary leadership has galvanized our profession locally and globally, arguably impacting over half of the world's population in the past 40 years, and directly or indirectly, most of the world's healthcare leaders, and he's not done yet.

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### Perspectives from several well-known CE colleagues:

"I have known Yadin David since the 1980's when he was head of the Biomedical Engineering Department at Texas Children's Hospital and just starting in the field of Clinical Engineering. Even at that time he was looking at developing the field beyond his hospital.

Yadin has received numerous awards for his work as displayed in his CV and he has worked to develop the field of Clinical Engineering. I worked with him in the 1990's with the first Advanced Clinical Engineering Workshops in the US, Russia and other countries. Through these he helped to advance the field to other countries in the world.

He was the primary founder of the American College of Clinical Engineering and the Healthcare Technology Foundation as well as the first president of both. I was a follower of him in these ventures which were innovations in the field and he did an excellent job of leading.

I have worked with him on many projects with WHO and the Clinical Engineering Division of IFMBE and he has always been a leader and innovator. He became the chair of the CED/IFMBE when it was a dormant organization and revived it and helped develop it to the point that it is now fully functioning. This effort has expanded the field of Clinical Engineering all over the world.

Through contacts with Clinical Engineers in China, Yadin has developed Clinical Engineering Certification Program for China. He still continues to work with Clinical Engineering in China and has brought them to the point of using their resources to promote and support the field worldwide.

His recent innovation of having a world Clinical Engineering Day was a tremendous success with the support of Clinical Engineering groups all over the world."

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"I have known Dr. Yadin David eleven years ago, at that time, he was the Chair of the Clinical Engineering Division of the International Federation of Medical and Biological Engineering (IFMBE/CED).

He was already a great leader in the field of Clinical Engineering, I had studied with much interest his publications and his book ("Clinical Engineering", Yadin David et al., 2003, Ed. CRC Press) and I kept following his inspiring talks in many international conferences.

Since then, Dr. David has always been a guide for me and for all the community of Clinical Engineers worldwide. I have been working with him in the IFMBE/CED when I was collaborator and then secretary. In 2015, when I was elected chairman of CED, I involved him as CED co-opted member. His guidance and experience has been invaluable. He has been leading many projects. He designed the first International Clinical Engineering and Health Technology Management (Hangzhou, China, 2015) as well as the first Global Clinical Engineering Day. Both these initiatives have become a great success and a reference point for all the Clinical Engineers in the world.

Today he is very active and irreplaceable in keeping a vital relationship between IFMBE/CED and WHO."

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I have experienced the honor of working with Yadin since the 1980's on AAMI projects, in the 1990's beginning with the 1992 ACEW in Boston and later in the field of telemedicine, several more ACEW's and ACCE activities in the 2000's, and most recently, with him at the Healthcare Technology Foundation and IFMBE.

Yadin initiated and led a HTF's joint venture with AAMI to develop tools and training for risk management applied to networked medical technologies.

What separates Yadin from other clinical engineering professionals is his leadership and innovation to move the field forward. He has done this by working at the highest level of healthcare, government, industry, and academia while maintaining a communication with grassroots organizations. He has led the profession by addressing challenges, promoting clinical engineering, and mentoring many professionals in our field at all levels.

His contributions have addressed many challenges of the field over the past forty years, and he continue to provide significant leadership:

- Conceptualizing and advancing the 1<sup>st</sup> Global Clinical Engineering Day held on October 21, 2016 where CE leaders worldwide shared their work online over the entire day.
- Initiation and developing of the 1<sup>st</sup> International Clinical Engineering and Health Technology Congress.
- Leadership and vision as the first president of the American College of Clinical Engineering – ACCE.
- Author of several clinical engineering books, book chapters and over 400 articles and presentations.

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"I first met Dr. Yadin David during a CE forum organized by Dr. Zhou Dan in Shanghai in 2003. He was the main guest speaker then introducing and lecturing his best practice CE program and the program impressed all attendees.

Since then, in particular, after 2005 when he collaborated with Zhou Dan and created a certification program for Chinese clinical engineering, Yadin David along with his CE experts team visited China at least once a year, to promote and conduct the CCE program, to lecture the best CE practices and relevant high-profile topics in various Chinese CE activities hosted by CSCE(Chinese Society of Clinical Engineering, China Medical Association) and CCCE(Chinese College of Clinical Engineers, China Doctors Association) etc. The CCE program in China is a great success, 273 candidates in total demonstrated their competencies and succeed at the eight certification exams in last twelve years respectively with a program's passing rate about 50%-60%. It promotes and brings very positive impact for the CE professional development in China. In addition to this, he as a main co-author wrote several papers and published in relevant journals both international and Chinese to introduce Chinese CE development among global CE peers. Yadin David has a big-name in Chinese CE community."

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