

## **Brief Biography of Louay M. Chamra**

Louay M. Chamra, the Dean and Professor at the School of Engineering and Computer Science at Oakland University, has made a remarkable impact in the realm of engineering education and administration. His academic journey, beginning with a Bachelor of Science in Mechanical Engineering from The University of Texas at Austin, followed by a Master of Science from the University of Portland, and culminating in a Ph.D. from The Pennsylvania State University, has set the foundation for his distinguished career.

Since his appointment at Oakland University in October 2009, Chamra has been a catalyst for transformative change. He has overseen the introduction of innovative programs in Artificial Intelligence, cybersecurity, robotics, and energy, and has been a driving force in student success initiatives such as the creation of a student retention center and career services. His leadership has been instrumental in securing over \$30 million in external support, elevating the school's growth and prominence. Chamra's dedication to leadership development is further demonstrated by his participation in the Becoming a Provost Academy, a program designed to nurture future academic leaders.

Chamra has also significantly advanced faculty research, contributing to a surge in research awards and the establishment of pivotal centers like the Augmented Reality Center and The Cyber Security Center. His commitment to diversity and international collaboration is evidenced by his efforts to increase the international student population and establish various exchange programs, specifically targeting underrepresented minorities and women in STEM. Prior to Oakland University, Chamra made significant contributions at Mississippi State University, where he held key roles including the PACCAR Chair and Department Head of Mechanical Engineering. His tenure there was marked by growth in research funding, scholarly output, diversity enhancement, and doctoral student development.

Chamra's contributions to the engineering community have been recognized through several awards, including the Engineering Society of Detroit Outreach Partner of the Year Award in 2022 and the Distinguished Service Award in 2019. He maintains active involvement in the engineering community through membership in various prestigious boards and societies. In addition to his administrative and teaching roles, Chamra is an accomplished author, having published a book titled "Micro-CHP Power Generation for Residential and Small Commercial Buildings" and several book chapters. He is also the holder of a U.S. patent for a "Heat Exchange Tube with Embossed Enhancement."

Louay M. Chamra's career stands as a testament to his unwavering dedication to advancing engineering education and research. His leadership continues to inspire the next generation of engineers and academics, shaping the future of engineering and technology.