



**Morgan Kiani** (S'05–M'05–SM'17) is a Professor in the Engineering Department at Texas Christian University (TCU), where she leads educational and research efforts in modeling and diagnostics of electric machines and adjustable speed motor drives. She received a Ph.D. degree in Electrical Engineering from The University of Texas at Arlington, USA in 2009. She has authored a monograph and many scientific articles in her field of research. She has been a faculty advisor for the IEEE student chapter and Robotics student club at TCU. She is serving as an Associate Editor for IEEE Transactions on Transportation Electrification and IEEE Journal of Emerging and Selected Topics in Industrial Electronics.

Her research, scholarly activities, teaching and service in the engineering department at TCU, across IEEE Societies, IEEE Councils, and IES have allowed her to empower individuals to engage in activities that promote access to clean green energy and healthy living locally.

She has been an influential member of the Woman in Engineering within IES and introduces resources that can help women set higher education and career goals in STEM fields locally and globally.

She has been an active member in IEEE Industrial Electronics Society for over 17 years and has been serving in different positions and committees in IES, including but not limited to the Industrial Electronics Society Administrative Committee member - AdCom Member since 2019.

Dr. Kiani has also been an active member in the IEEE TAB, IEEE MGA, IEEE USA, IEEE Education and Humanitarian Committees too:

The 2024 IEEE Educational Activities Board - Faculty Resources Committee member.

The 2024 Editorial Board Member – IEEE Teaching Excellence Hub Steering Committee.

The 2024-2026 IEEE Humanitarian Technology Board Partnership Committee member.

The 2025 IEEE Humanitarian Technology Board member.

The 2023 IEEE TAB DEIC Working Group.

The 2024-2025 IEEE TAB Diversity, Equity, and Inclusion Committee member.

The 2025-2026 IEEE TAB Broadening Participation Committee member.

The 2025 IEEE SSIT Diversity, Equity, and Inclusion Committee Chair.

The 2026 IEEE SSIT Broadening Participation Committee Chair.

The 2024-2026 IEEE PES Woman in Power Representative in Region 5.

The 2024 IEEE Women in Engineering Awards Committee member.

The 2024-2026 IEEE Women in Engineering Humanitarian Committee member.

The 2026 IEEE Women in Engineering Technical Activity Committee member.

The IEEE Student Chapter Faculty advisor at TCU since 2016.

The 2024 HKN - Madni Family Scholarship - Chair of the Committee.

The 2020-now IES rep. in the IEEE Smart Village.

The 2020-2024 IES rep. in the IEEE Smart Village Governing Board.

The 2023-2026 IEEE Power Africa Conference Organizing Committee member.

Prof. Kiani joined MOVE Community Outreach, an IEEE USA initiative, after training in Summer of 2024, to augment these outreach opportunities.