Islam H. El-adaway, Ph.D., P.E., CEng., F.ASCE, F.ICE

Islam H. El-adaway, a licensed Professional Engineer (P.E.) in the United States (US) and a registered Chartered Engineer (CEng.) in the United Kingdom (UK), is the Associate Dean for Academic Partnerships and the tenured Hurst-McCarthy Full Professor within the Department of Civil, Architectural and Environmental Engineering (CArEE) and the Department of Engineering Management and Systems Engineering (EMSE) at Missouri University of Science and Technology (Missouri S&T, formerly known as the University of Missouri - Rolla). Prior to that, he held tenured positions at the University of Tennessee - Knoxville and Mississippi State University, respectively. At Missouri S&T, he is the Founding Director of the Missouri Consortium for Construction Innovation (MO-CCI), which is a partnership focusing on research, student development, and professional education between Missouri S&T and the construction stakeholders (including as of now: McCarthy Building Companies, Arco Construction, Brinkmann Constructors, Clayco, Alberici, Paric Corporation, BJC HealthCare, Good Developments Group, Keeley Construction, North Point Development, and Greensfelder). Dr. El-adaway earned his Ph.D. in Civil Engineering from Iowa State University, and his M.Sc. and B.Sc. in Construction Engineering from the American University in Cairo.

Dr. El-adaway worked collaboratively to successfully create from scratch the construction engineering and management (CEM) infrastructure at all his institutions, especially on the research side. His scholarly efforts with his team members resulted in 245 peer-reviewed papers (138 journal papers and 107 conference papers), all of which were published and/or accepted in the most highly regarded journals and highly attended conferences in the CEM specialty area. This is not mentioning 12 and 3 journal and conference papers that are under review, respectively. He co-authored a book and 2 book chapters, and 2 other chapters that are under review. To this effect, Dr. El-adaway's work has been part of 32 funded research projects (24 which as the PI) totaling about $10 million. It is worth noting that Dr. El-adaway's research does not require any physical laboratory setting but rather utilize and rely on just personal computers and software packages. Associated funding agencies include the National Science Foundation (NSF), Department of Education, Department of Transportation, Construction Industry Institute, Sloan Foundation, Regional Transportation and Safety Research Centers, and other private entities. There are 3 proposals that are submitted, 3 that are under preparation, and 8 that are under discussion. Dr. El-adaway mentored 11 Ph.D. students, 7 M.Sc. students, and 2 undergraduate NSF scholars towards earning their respective degrees. His current research team supports 6 Ph.D. students and 1 undergraduate NSF scholar. About 85% of his team members received recognitions at the national, university, college, and/or department levels (including ones that are rarely awarded to graduate students). It is worth noting that his graduate research team included around 30% from underrepresented groups. Also, as a believer in the impact of both problem and service learning, he mentored around 60 undergraduate students (including 10 from minority groups) to be part of in-class research activities that resulted to-date in 17 peer-reviewed journal publications.

Dr. El-adaway serves as Associate Editor for the Journal of Management in Engineering (ASCE), Journal of Construction Management and Economics (Taylor & Francis), Journal of Civil Engineering Education (ASCE), and Journal of Practice

Periodical on Structural Design Construction (ASCE). Further, he is a Guest Editor for special issues of peer-reviewed journals by ASCE and Multidisciplinary Digital Publishing Institute (MDPI). Further, he is a repeated member of the Organizing and Scientific Committee for the ASCE's Construction Research Congress and other international conferences. Dr. El-adaway is a member of the Global Leadership Forum of Construction Engineering and Management (GLF-CEM) where he serves on the Key Performance Indicator (KPI) Committee.

Aside of any pending nominations, the efforts of Dr. El-adaway resulted to-date in the following honors:

- Internationally, he is a Fellow of the Institution of Civil Engineers (F.ICE) in the UK.
- Nationally, he is a Fellow of the American Society of Civil Engineers (F.ASCE) in the US, and his co-authored work with his graduate students was chosen: in March 2024 for the ASCE Editor's Choice by the Journal of Infrastructure Systems, in January 2024 for the ASCE Editor's Choice by the Journal of Management in Engineering, in October 2022 for the ASCE Editor's Choice peer-reviewed paper by the Journal of Energy Engineering, in July 2020 for the ASCE Editor's Choice peer-reviewed paper by the Journal of Management in Engineering, in 2020 for the ASCE Thomas Fitch Rowland Prize, in September 2018 for two ASCE Editor's Choice peer-reviewed papers by the Journal of Infrastructure systems as well as the Journal of Construction Engineering and Management, and in 2017 for ASCE Best Peer-Reviewed Journal Paper by the Journal of Management in Engineering. Also, he was selected 7 different times as an Outstanding Reviewer by ASCE and was invited by the National Academy of Engineering to attend its Frontiers of Engineering Education Symposium as one of the most innovative engineering educators.
- Regionally, he is selected as a 2019 Top Young Professional by the Engineering News Record, and a recipient of a 2014 Young Faculty Research Award by the American Society of Engineering Education
- Institutionally, he was selected to receive Distinguished Alumni Award, Campus Faculty Research Award, two Outstanding Contributions to Graduate Studies Certificates, Outstanding Teaching Recognition Award, Academy of Distinguished Teachers Award, the David Carlisle Hull Faculty Leadership Award, Young Faculty Research Award, and the Chip Crane State Pride Award.