

## Biography:



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Ihab Elzeyadi is an architect and building scientist. His research focus on Indoor Environmental Quality (IEQ) and Occupant's well-being in the built environment. Dr. Elzeyadi has been engaged in the design, construction, and research of high-performance buildings for more than 25 years. His group investigates applied research related to occupant's comfort, health, and well-being in high performance buildings. Professor Elzeyadi conducted post-occupancy evaluations (POE), and building performance evaluations (BPE) of more than 200 buildings, 150 of them are LEED™ and LBC rated across the design, construction, and occupancy lifespan. In addition, he has provided design assistance for more than eight million S.F. of commercial buildings. Elzeyadi is the faculty advisor to the Solar Decathlon Design Competition 2020 first prize winning team in both the Elementary Schools Division and the Grand Jury Award. He led student design teams to winning entries in multiple design competitions including ACSA/AIA COTE Top 10 student Awards, RIBA Energy Revolution and UIA Prize. Elzeyadi has published more than 90 peer-reviewed papers, 7 chapters in peer-reviewed edited books, 1 book, and 1 pending US patent. Various grants and awards exceeding \$5.6 M in funding supported his research projects.

## Statement of Interest to Join ARCC Board

It is my pleasure to submit this self-nomination to join the ARCC board at these un-precedent times. ARCC has been a constant over the past 25 years of my career as an architectural educator, researcher, and prior to that as a graduate student in architecture. My connection with ARCC started with presenting and engaging in scholarly activities at its annual meeting and conference and continue to grow with every conference I attend and papers I review part of the conference technical review committee. The annual conference is a premiere event where we share our research and exchange not only across different schools of architecture but across the sub-fields of our discipline such as building science, history and theory, design computing, design studies, design-build, and environment-behavior studies. As the ARCC representative for the University of Oregon for the last two years, I got more involved in other aspects of ARCC's impact and mentorship to graduate students in the form of the King medal nominations and other ARCC awards. To me, ARCC represents much more than a conference. ARCC is a unique organization of exchange, research excellence, and leadership.

We are witnessing a historical state of social and spatial injustice, an environmental pandemic, and an on-going climate crisis. ARCC role is much larger than a convener of conferences or a repository of research, but is set to have a powerful impact to these collective issues. As Sim Van Der Ryn once said: "The world's problems are problems of design." How can we design our world to combat climate, social, and spatial injustice? What role can architectural research play to facilitate and empower a dialogue for change? How can we construct a career for our students of many modalities and activism through which the built environment is conceptualized and conceived with a powerful healing framework? These obtuse questions do not necessarily have a direct answer. They are topics for growth and debates as they are topics of design activism and change both measurable and immeasurable. I am excited to work with the ARCC board to facilitate this dialogue and with the architectural research community to inquire of its possible applications. It will be an honor to serve on the ARCC board. I am happy to be an agent of change and resilience in the face of climate and social uncertainties.