Brief Statement > Rima Ajlouni

My interest in joining the Architectural Research Centers Consortium (ARCC) as (*at-Large)* board member, stems from my believe in the integral role of the organization in fostering a research culture that places the human condition at its center; encompassing all aspects of social, technical, and environmental considerations. I believe that my unique background, technical skills and diverse educational and professional experiences will allow me to be an effective member of the ARCC board, working to promote the development of new interdisciplinary research frontiers within the discipline and helping to facilitate new agendas for research in architecture and the built environment. As a regular ARCC contributor, reviewer and award recipient, my research interest lies in investigating computation, geometry, mathematics and digital technology in Architecture and Historic Preservation, with special focus on technical issues pertaining to Architectural education and practice. I was able to build a rich Interdisciplinary research portfolio that spans three major spheres; Art and Architecture, Engineering and Science. As technology becomes more powerful and diverse, it becomes incumbent on researchers to be able to utilize new technical innovations to answer ever more complex research questions. My involvement in the ARCC board, will allow me to promote research agendas that reflects this capability; focusing on three major areas:

- Architecture, Mathematics and Science
- Computation, Fabrication and Performative geometries
- Design Cognition and Environmental Psychology

As an ARCC board member, my goal is to help foster and promote new areas of transformative and interdisciplinary 'STEAM' research fields; crossing boundaries and providing pathways to new research frontiers in both the Architecture and related design and applied fields.