

**Brief Statement > David Mwale Ogoli**

This application to be on the ARCC Board is, in part, a commitment to the study and practice of architectural design through innovative building control systems that enhances thermal, acoustic and visual comfort, and energy-efficiency by integrating the function of architectural aesthetics, advanced technologies and passive solar strategies. My current and experience is one that has preeminently emphasized teaching/learning. This pedagogical approach is supported by research and practice of architecture with distinction on sustainable design and building control systems. Specifically, I am an instructor/researcher in environmental technology, sustainable design, active and passive heating and cooling systems for buildings, daylighting in architecture, architectural acoustics, life-safety systems, and computer-aided modelling & simulation. Being on the ARCC Board will offer an increased avenue to share scholarly and creative activities with other Member Schools by supporting research, publications, professional presentations, grants, consultation, and creative works, among others. It is my personal belief that faculty must maintain engagement in scholarly and creative activities generate benefits for the faculty member as well as the University. Such activities may: (a) complement teaching; (b) contribute to the advancement of the field and, more broadly, to human achievement; (c) promote currency in the knowledge, methodology, and the spirit of inquiry available to students and faculty alike; (d) increase opportunities for students in academic and professional disciplines; (e) enhance the professional growth of the faculty member; (f) contribute to the overall quality of the department/program/school and the University; and (g) advance the reputation of the University. An area of personal strength that I will bring to ARCC is the knowledge of applied architectural research because it deepens better understanding of key architectural issues of life and contributes to the existing body of knowledge.