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Abdul M. Khaliq

Professor Abdul Khaliq has compiled a wide-ranging record of research activities. He has published 42 articles in refereed journals and is frequently cited in the publications of others. He has presented at national and international conferences, held several post-doctoral fellowships, and serves on the editorial board of two international journals.

Professor Khaliq's area of expertise is computational mathematics and modeling. He studies computational techniques to provide answers to scientific questions, using intelligent design and theoretical formulation and analysis to tame the raw power of computation. Since computational techniques have applicability in many areas, he has published in the journals of many different disciplines, such as the Journal of Computational Physics and Computers and Chemistry. His topics range from the practical sounding: "An Explicit Finite-Difference Model for Tidal Flows in the Arabian Gulf," to those that make some of us very glad we stopped at calculus.

Computational mathematics is a growing area within the discipline of mathematics and Professor Khaliq's active research has made him a leader in this field. It is fitting, then, that we recognize him as the Outstanding Faculty Member in Research.