

DR. MOHAMMAD HUSSEIN ALBEIRUTTY

Associate Professor, Mechanical Engineering Dept., King Abdulaziz University

Education

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
PhD	Mechanical Engineering	University of Washington-Seattle, USA	1987
MSc	Mechanical Engineering	University of Wisconsin-Milwaukee, USA	1981
BS	Mechanical Engineering	University of Wisconsin-Milwaukee, USA	1980

Academic Experience

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title (Chair, Coordinator, etc.)</i>	<i>Full or Part Time</i>
1995	Date	King Abdulaziz University	Assoc. Prof.		Full Time
1987	1995	King Abdulaziz University	Assis. Prof.		Full Time

Non Academic Industrial Experience (including Consultations)

<i>From</i>	<i>To</i>	<i>Company/Entity</i>	<i>Title</i>	<i>Position Description (Brief)</i>	<i>Full or Part Time</i>
2009	Date	Center of Excellence for Desalination Technology	Director	Research and Development	Full Time
1996	2000	Advanced Engineering Projects Establishment	Consultant	Contracting	Full Time
1992	1994	Yanbu Industrial college	Deputy Managing Director		Full Time

Funded Research Projects and Patents from the Past Five Years

1. Grant No. M.W.E-E4003, Ministry of water and electricity - K.S.A., Research project, *Effects of ambient temperature and shading of the condensers of the air-conditioning units on their performance*, 2010, (Role: Co-Investigator).

Current Membership in Professional Societies and Organizations

<i>Society/organization</i>	<i>Rank</i>	<i>Member Since</i>
1. Saudi Engineering Society	member	1975

Institutional and Professional Services (administration, committees, units, etc.)

1. Member Department's Lab. Committee
2. Member Department's Contracting Committee
3. Member Department's Student Advising Committee

Principal Publications/Presentations from the Past Five Years

1. Radhwan, A.M., M.H. Albeirutty and A. A.Khaled , The effect of shading the AC condenser on the power consumption - Experimental investigation - Part I: Split Type AC units, Under publication. (Role: Principle Investigator).
2. M.H. Albeirutty, Radhwan, A.M., and A. A.Khaled , The effect of shading the AC condenser on the power consumption- Experimental investigation - Part II: Window & Central Type AC units, Under publication. (Role: Co-investigator).
3. S. Al-Sharif, M. Albeirutty, A. Cipollina and G. Micale, Modeling flow and heat transfer in spacer-filled membrane distillation channels using open source CFD code, Desalination, 311, 103-112, 2013.
4. S. Al-Sharif, M. Albeirutty, A. Cipollina and G. Micale . A tool for modelling spacer-filled MD channels based on open source CFD code. International Workshop on Membrane Distillation and Related Technologies, Ravello- Italy, Oct. 2011.
5. S. Al-Sharif and M. Albeirutty, Modelling 3D momentum and scalar transport phenomena in spacer-filled membrane separation channels using OpenFOAM, 1st International Conference on Desalination and Environment: A Water Summit (ICODE), Abu-Dhabi- UAE, Oct. 2011.
6. M. Albeirutty and H. El-Dessouki, Challenges Facing the MSF in the GCC, ARWADEX, Riyadh-KSA, April 2011.