

**Abdulsalam, Mohammed**

Professor, Chemical and Materials Engineering Department, King Abdulaziz University

**Education**

<i>Degree</i>	<i>Field of Study</i>	<i>Institution</i>	<i>Year</i>
PhD	Chemical Engineering	Arizona State University	1991
MS	Chemical Engineering	Univ. of South California	1987
BS	Chemical Engineering	King Abdulaziz University	1985

**Academic Experience**

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title</i>	<i>Full or Part Time</i>
1985	1986	King Abdulaziz University	Research assistant		
1986	1987	University of South Cal.	MS student		Full Time
1987	1991	Arizona State Univ.	PhD Candidate		Full Time
1991	1999	King Abdulaziz University	Assist. Prof.		Full Time
1999	2007	King Abdulaziz University	Assoc. Prof.		Full Time
2007	Present	King Abdulaziz University	Professor		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>
2008	Present	Jeddah Municipality (Amana)		Consultant (Enviro)	Part Time

**Funded Research Projects and Patents from the Past Five Years**

1. Sole Investigator: Measurement of Radioactivity of Local Ambient Air Quality, in cooperation with Research Triangle Institute (RTI, U.S.A.) pending 2009.
2. Principal Investigator: Prepare an RFP for the Establishment of an Environmental Master Plan for the City of Jeddah in cooperation with UNDP, pending 2009.

**Certifications and Professional Registrations**

None

**Current Membership in Professional Societies and Organizations**

	<i>Society/organization</i>	<i>Rank</i>	<i>Member Since</i>
1.	The Electrochemical Society	Active Member	1996-
2.	President and founder, Saudi Chemical Society chapter (western province), Saudi Arabia.	Member	2000
3.	Member, National Association of Corrosion Engineers (NACE), USA	Member	1987-
4.	Member, The Minerals, Metals & Materials Society (TMS), U.S.A.	Member	1995-

**Honors and Awards**

None

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

1. Coordinator of the industrial relations committee at the Chemical and Materials Engineering

- Department. King Abdulaziz University
2. Member of the social committee for the Fourth Saudi Engineering Conference
  3. Director, Academic Assessment Unit (AAU), President's office.
  4. Chairman Chemical & Materials Engineering department 2001– to 2003
  5. Member of the Scientific Research and Technology unit of the Deanship of Scientific Research
  6. Steering Committee (Chairman) for Executing Assessment plan for all University Colleges, 2005

**Principal Publications/Presentations from the Past Five Years**

1. Halema A. Alrafaie, Huda Alghamdi, and Mohammed I. Abdulsalam, Yahya T. Al-Janabi and Arnold L. Lewis, "Study of Crevice Corrosion on Type 254 SMO Stainless Steel in Chloride Solutions", Paper No. 10098, 13th Middle East Corrosion Conference, NACE International, Bahrain, Feb. 14-17, 2010.
2. Mohammed I. Abdulsalam, Hani M. Aburas, and Mohamed A. Zytoon, "Assessment of Ambient Air Quality in the City of Jeddah", Jubail International Environment Conference, Royal Commission for Jubail and Yanbu (RCJY), Jubail Industrial City, Saudi Arabia, 5-6 June 2011.
3. Mohammed I. Abdulsalam, Huda Alghamdi, Sanaa T. Arab, and Yahya T. Al-Janabi, "Susceptibility of Super Austenitic Stainless Steel Alloys to Crevice Corrosion in Chloride Solutions", EUROCORR 2011: European Corrosion Congress, Stockholm, Sweden, 4-8 September 2011.
4. Hani M. Aburas, Mohamed A. Zytoon and Mohammed I. Abdulsalam, "Atmospheric Lead in PM2.5 after Leaded Gasoline Phase-out in Jeddah City, Saudi Arabia", Clean – Soil, Air, Water, 39 (8), 711–719 (2011).
5. B. G. Ateya, M. I. Abdulsalam and H. W. Pickering, "Scaling of the Geometric Dimensions in Crevice Corrosion", in preparation.

**Recent Professional Development Activities** (*Workshops, training, etc.*)

1. Sabbatical leave program - University of South Florida 2012-2013.
2. Attended Workshop on "Towards Outstanding Administration and Leadership", Institute of Public Administration (IPA), Jeddah, 2006.
3. Invited researcher, Institute of Metal Research Chinese Academy of Sciences (IMR), Shenyang, China, summers of 2007, 2008.
4. Attended a short course on: "Advanced GIS Project Management", certificate, ESRI Lebanon, August 2008.
5. Attended a short course on: "Establishing and operating urban observatories", certificate, Arabian Knowledge, Amman Jordan, July 2008.
6. Invited speaker, co – Adel Faqeh Mayor of Jeddah: Jeddah Environmental Master Plan, Jeddah Environmental Forum, April, 2008.