

1. **Name:** Mohammed A. Alkous

2. **Academic Rank** Assistant Professor

3. Degrees:	Field	Institution	Date
Ph.D.	Communications	George Washington University	1992
M.Sc.	Communications	George Washington University	1985
B.Sc.	Elect. Eng.	George Washington University	1982

4. **Number of Years of Service on this faculty:** Twenty years

Associate Dean for the College of Engineering (Male Student Affairs)	1998 - 2003
Assistant Professor	1992-present
Teaching Assistant	1983-1991

5. **Other Related Experience**

Head	Teaching Assistant Academic Affairs – UAE University	1993-1995
Teaching Assistant	UAE University – College of Engineering	1983-1991

6. **Consulting and patents:**

Consulting activities	Information technology Fund	2010-present
	United Arab Emirates Armed Forces digital wireless radio project	1996-1999
	Head of the UAE University Network Projects Committee (Design & Tendering)	2002-2004
	Head of the UAE University Network Receiving Committee	2004-2006
	Free consultations for UAE national youth enterprises that are related to communications	2004-present
Reviewer	IEEE Journal on Selected Areas in Communications	September, 1996
Session chair	IEEE International Conference on communications ICC'93 Geneva, Switzerland	May, 1993

7. **States in which registered:** United Arab Emirates (Sharjah)

8. **Principal Publications of the last five years:**

1. Alkous, M., On the Angle of Arrival in Indoor Multipath Propagation, 2008 IEEE Military Communications Conference, San Diego, CA, USA, November 17-19, 2008.
2. Alkous, M., A and Helgert, H. J., A Statistical Scattering Model based Approach to NLOS Mitigation in TOA Location Systems, IEEE ICC 2009 Dresden, Germany, June 14 - 18, 2009.
3. Alkous, M., A and Helgert, H. J., Joint TOA/AOA Nonlinear Constrained Minimization Method for Locating Wireless Devices in Non-Line-of-Sight Environment, International Journal of Electronics and Communications, 2011.

4. Alkous, M., A Statistical Scattering Model based Approach to NLOS Mitigation in TOA Location System, IEEE International Conference on communications, June 2012 Ottawa, Canada.

9. Membership of Scientific and Professional Societies:

The Institute of Electrical and Electronics Engineers (IEEE), (Senior Member)
 IEEE Communication Society, (Member)
 IEEE Vehicular Technology Society, (Member)
 UAE Society of Engineers, (Member)
 New York Academy of Sciences, (Member)

10. Honors and Awards:

IEEE Award for excellence in scientific achievements	1996
Sheik Rashid Award for Scientific Achievements	November 1992
Honors List, George Washington University	1979 -1983

11. Institutional and Professional service in the last five years:

Associate Dean for the College of Engineering (Male Student Affairs)	1998 - 2003
Department Teaching Assistants Committee (Head)	1998 - present
Department and College Outstanding Students Committees	1998 - 2003
College Student Advising and Class Scheduling Committee (Head)	1998 - 2003
College Engineer's day and the Engineer's exhibition Committees (Head)	1998 - 2003
College ABET Committee- Member	1998 - 2003
University Senate - Member	1998 - 2005
University Central Committee for Class Scheduling and Exams, Member	1998 - 2003
University Staff affairs Committee – Member	1998 - 2006
University Central Library Committee - Member	1998 - 2006
Academic advisor for the 1998 students	1998 - 2003
Academic advisor for the 2002 students	2003 – 2008
Academic advisor for the 2009 students	2010 - present

12. Professional development activities in the last five years:

Participation in the Annual International Conference of the UAE
 Institute for Strategic Studies in Abu Dhabi, March, 2004, 2005, 2006.
 Participated in an intensive workshop at MIT, Coded Modulation for Fading Channels, August 2008