

1. Name and Academic Rank:

Osama Abuzeid
Professor –full time

2. Degrees with fields, institution and date:

Ph.D. Mechanical Engineering, University of Salford, UK, 1982.
M. S. Mechanical Engineering, Cairo University, 1977
B.S. Mechanical Engineering, Cairo University, 1973.

3. Years of Service on UAEU, Mechanical Engineering

Department:

Years of service: 27
Chair, College Promotions Committee 2001-2007.

4. Academic Ranks:

Full professor, UAE University, Mechanical Engineering	1996-Present
Associate Professor, UAE University, Mechanical Engineering	1988-1996
Assistant Professor, UAE University, Mechanical Engineering	1987-1988
Assistant Professor, Cairo University, Mechanical Engineering	1982-1987

5. Consulting:

Contracting and other companies in Egypt.	1984-1987
Ministry of Education (Vocational technical schools), Armed Forces, UAE.	1991-1993
Gulf Sail Engineering, PO Box 30799, Abu Dhabi, UAE.	2006-2007
Gulf Sail Engineering, PO Box 30799, Abu Dhabi, UAE.	2007-2008
Oil Lab & Marine Surveyors CO. LLC, P.O. Box 6400, Sharjah, UAE.	2008-2009
Dubai Maritime City, Dubai, UAE.	2009-2010

6. Publications in the last five years:

Journals

1. A.M. Gaouda, A.M. Abdrabou, O.A. Abuzeid and Farag K. Omar “Modelling Nonconductive Coating Based on EIS and WMR Tools,” Frontiers in Aerospace Engineering (FAE), Science and Engineering Publishing Company, Volume 2, Issue 2, May, 2013.
2. O.A. Abuzeid, A. I. Aljoboury, M. Abou Zour “ Effect of Corrosion Inhibition on the Stress Corrosion Cracking of UNS S31603 Austenitic Stainless Steel”, Advanced Materials Research, Vol. 476, Trans Tech Publications, pp 256-262, 2012.
3. A.M. Gaouda and A.M. Abdrabou, O.A. Abuzeid and Farag K. Omar, “Integrating EIS and Wavelet Multi-resolution Analysis; Part 1: Enhancing Monitoring of Nonconductive Coatings”, Applied Mechanics and Materials, Vols. 110-116, pp:1065-1071, 2012.
4. A.I. Aljoboury, A.-H.I. Mourad, A. Alawar, M. Abou Zour and O.A. Abuzeid, “Stress corrosion cracking of stainless steels recommended for building brine recirculation pumps”, Journal of Engineering Failure Analysis, Elsevier, 17 ,pp: 1337–1344, 2010.
5. Y.A. Alzafin, A.-H.I. Mourad, M. Abou Zour, O. A. Abuzeid, “Stress Corrosion Cracking of Ni-resist Ductile Iron Used In Manufacturing Brine Circulating Pumps of Desalination Plants”, Journal of Engineering Failure Analysis, Elsevier, 16, pp: 733-739, 2009.



Book Chapter:

First and corresponding author of book chapter No.5 in book “Environmental and Industrial Corrosion - Practical and Theoretical Aspects”. Edited by Benjamin Valdez Salas and Michael Schorr, ISBN 978-953-51-0877-1, Hard cover, 168 pages, Publisher: InTech, December 12, 2012 , DOI: 10.5772/45617.

Conferences:

1. Stress Corrosion Cracking Of Welded Stainless Steels Used In The Fabrication Of Brine Recirculation Pumps, O.A. Abuzeid, A. I. Aljoboury, M. Abo Zour, presented at the Sixth International Conference on Engineering Failure Analysis, Elsevier, 6-9 July, 2014, Lisbon, Portugal.
2. Characterization of two types of stainless steels recommended for manufacturing brine recirculation pumps, O.A. Abuzeid, A. I. Aljoboury, A.-H.I. Mourad, A. Alawar, M. Abo Zour, Proceedings of the ASME 2010 10th Biennial Conference on Engineering System Design and Analysis ESDA 2010, July 12-14, 2010, Istanbul, Turkey.
3. Stress corrosion cracking of Ni- resist ductile iron used in manufacturing brine circulating pumps of desalination plants, O.A. Abuzeid, A- H.I. Mourad, Y.A. Alzafin, and M. Abou Zour, Proceedings of the Ninth Annual Research Conference, Al-Ain, April, 2008.
7. **Scientific and professional societies:**
Egyptian Foundry Society.
Egyptian Corrosion Society.
Egyptian Tribology Society.
The American Society of Mechanical Engineers, ASME, Membership # 7793243.
8. **Honors and awards:**
Individual Research Grant # 05-05-7-11/09, Scientific Research Council, UAE University, AED 17k, 2009.
PI of an externally funded research project funded by the Japan Cooperation Centre, Petroleum JCCP, AED 287 k, 2013.
PI of an externally funded research project funded by the Japan Cooperation Centre, Petroleum JCCP, AED 3.8 million, 2014-2017.
9. **Institutional and professional services in the last five years:**
Serving and chairing different departmental committees. This includes chairing ABET committee- chairing focus group committee – Mid study exam committee – CQI committee – Aerospace Engineering committee- faculty evaluation committee of the department of Mechanical Engineering, and others.
Chair of the Faculty of Engineering PET Committee- Chair of the faculty evaluation committee for the department of Architecture Engineering- Member of the College Promotion Committee.
Working on some items of goal No. 6 in the department strategic plan 2009-2013.
10. **Professional development activities in the last five years:**
Reviewer of several regional and first class International Journals such as Journal of Industrial Cooperation in the Arabian Gulf- Journal of Materials Processing Technology and Journal of Engineering Failure Analysis, Elsevier- Reviewer of Journal of Manufacturing Science and Engineering, The American Society of Mechanical Engineers (ASME). Evaluator for several faculty promotion cases at regional universities.