1. **Name**

Yousef H. Zurigat

1. **Education – degree, discipline, institution, year**

* Ph.D., Mechanical Engineering, Oklahoma State University, 1988
* M.Sc., Mechanical Engineering, Oklahoma State University, 1984
* B.S., Aeronautical Engineering, Kiev Institute for Civil Aviation Engineers, 1976

1. **Academic experience – institution, rank, title, when, full time or part time**

* University of Jordan, Vice-Dean for Quality Assurance and Accreditation, Sept-2017-present, full time
* American University of Sharjah, Visiting Professor, Sept. 2007-2009 & Extension Professor Sept. 2012-Sept 2017, full time
* Khalifa University (KUSTAR), Adjunct Professor, Fall 2013.
* Sultan Qaboos University, Associate Professor, 1999-2003 & 2009-2012, full time
* University of Jordan, Assistant Professor, 1990-1997, Associate Professor, 1997-1999, and 2003-2005, Full Professor, 2005-2007, full time
* Virginia Polytechnic Institute & State University, Postdoc researcher, 1989-1990, full time
* Oklahoma State University, Adjunct Assistant Professor, 1988-1989, half time
* Oklahoma State University, Research Associate, 1987-1989, half time
* Oklahoma State University, Research Associate, 1984-1987, quarter time

1. **Non-academic experience – company, title, position, when, full time or part time**

* NASA Langley Research Center, Consultant, Summers of 1992-1995, full time
* Aeronautical Engineer, Royal Jordanian Air Force, 1976-1981

1. **Certifications or professional registrations**

* Jordanian Engineers Association

1. **Current membership in professional organizations**

* None

1. **Honors and awards**

* Gold Award in Intersolar Young Leaders Innovation Challenge, 2016 (advisor)
* Awarded many research and consultancy contracts in excess of 2 million dollars
* DFG research award, Germany (2005); DAAD research award, Germany (1997)
* Ministry of Education Scholarship Award for undergraduate study, 1969

1. **Service activities (within and outside of the institution)**

* American University of Sharjah: Conducted 3 short courses for the industry on heat exchangers, pumps and boilers
* University of Jordan: University Research Council (member)
* University of Jordan: Department Head
* College ABET committee (University of Jordan and Sultan Qaboos University SQU)
* University Energy Conservation and Management Committee member (SQU)
* Reviewer of several international and regional Journals and conferences

1. **Principal publications and presentations from the past five years**

* Ghazal, A. and **Zurigat**, Y.H. (2017), Numerical Simulation of Integrating PCM in Multilayer Wall Construction in UAE, *7th Int. Conference on Modeling, Simulation, and Applied Optimization – 2017, American University of Sharjah, Sharjah, UAE.*
* Zurigat, Y.H., Al-Azri, N. and Al-Rawahi, N. (2016), Bioclimatic chart and comfort zone cooling potential for Sharjah/UAE, *International Conference on Applied Mechanics and Industrial Systems (ICAMIS), Sultan Qaboos University, Muscat, Oman, 6-8 Dec-2016.*
* Al-Azri, N., Zurigat, Y.H. and Al-Rawahi, N., (2016), Bioclimatic Charts for Oman Using Dry Bulb and Dew Point Temperatures,  *International Conference on Applied Mechanics and Industrial Systems (ICAMIS),* Sultan Qaboos University, Muscat, Oman, 6-8 Dec-2016.
* Jaradat, M., Tauseef, M.  Altaf, Y., Saab, R., Adel, H., Yousuf N. and Zurigat, Y. (2015),  A Fully Portable Robot System For Cleaning Solar Panels, Paper #: 1570219720,  *2015 International Symposium on Mechatronics and its Applications IEEE ISMA'15*, American University of Sharjah, December 8-10, 2015.
* Glade, H., Zurigat, Y.H., Ehlting, N., Will, S. and Theodoridis, G. (2015), Field Experience and Data for Validation of CFD Studies of MSF Desalination Condensers, Third International Conference on Water, Energy and Environment (ICWEE), March 24-26, Sharjah, United Arab Emirates.
* Theodoridis, G., Zurigat, Y.H., Glade, H. (2015), CFD Capabilities for Flow and Condensation Heat Transfer Simulations in MSF Condensers, *Third International Conference on Water, Energy and Environment (ICWEE)*, March 24-26, Sharjah, United Arab Emirates.
* Al-Rawahi, N.Z., Zurigat, Y.H. and Al-Azri, N.A. (2014), Investigating different diffuse solar radiation models to analyze solar radiation on inclined surfaces in Oman, *Int. J. of Sustainable Energy*, pp. 1-17. http:*//*dx.doi.org*/*10.1080*/*14786451.2014.950961
* Alkhalidi, A., Zurigat, Y., Dawoud, B., Aldoss, T. and Theodoridis, G. (2013), Condenser Designs for Greenhouse Desalination, *Int. J. of Sustainable Water and Environmental Systems,* v. 5, no. 1, pp. 1-6.
* Al-Azri, N., Zurigat, Y.H., Al-Rawahi, N. (2013), Development of bioclimatic chart for passive building design, *International Journal of Sustainable Energy*, DOI: 10.1080/14786451.2013.813026.
* Al-Azri, N., Zurigat, Y. H., and Al-Rawahi, N. (2013), Selection and assessment of passive cooling techniques for residential buildings in Oman using a bioclimatic approach. *The Journal of Engineering Research*, vol. 10, no. 2, pp. 53-65.
* Zurigat, Y.H. (2012), Heat Transfer of Enhanced Oil Recovery Steam Injection Wellbore: A Literature Review, *Oil and Gas Technology J.*,no. 6, Sept. 2012, pp. 49-55.
* Al-Rawahi, N., Zurigat, Y.H. and Al-Azri, N. (2011), Prediction of hourly solar radiation on horizontal and inclined surfaces for Muscat Oman, *The Journal of Engineering Research,* vol. 8, no. 2, pp. 19-31.

1. **Most recent professional development activities**

* Attended 4 conferences