

HOUSSAIN KETTANI, PH. D.

SUMMARY

Over twenty years of teaching experience in undergraduate and graduate education in electrical, computer and information systems engineering and computer science. Outstanding interdisciplinary research as demonstrated by over eighty refereed publications and over four hundred citations by researchers all over the world. A demonstrated track record of securing external funding of over two million dollars for research and education from US federal agencies such as NSF, DOE, DOD, and NRC. Excellent networking and communication skills to better serve under-represented minority students in STEM disciplines.

ACADEMIC EDUCATION

University of Wisconsin, Madison, WI, USA

- Doctor of Philosophy (Ph.D.) in Electrical Engineering, 2002
- Master of Science in Electrical Engineering, 2000

Eastern Mediterranean University, Famagusta, Cyprus

- Bachelor of Science (High Honor) in Electrical and Electronic Engineering, 1998

ACADEMIC POSITIONS

Dakota State University, Madison, SD, USA

- Professor, Beacom College of Computer and Cyber Sciences, 2018 – Present

Florida Polytechnic University, Lakeland, FL, USA

- Professor, Department of Computer Science and Information Technology, 2016 – 2018

Fort Hays State University, Hays, KS, USA

- Professor (Tenured), Department of Computer Science and Information Systems Engineering, 2014 – 2016
- Director, Information Enterprise Institute (IEI), a national center of academic excellence in information assurance and cyber defense (CAE IA/CD) certified by the National Security Agency (NSA) and the Department of Homeland Security (DHS), 2014 – 2016
- Founding Director, Computer Science and Information Systems Engineering Program, 2014 – 2015
- Founding Director, Information Systems Engineering Program, 2012 – 2014
- Professor, Department of Informatics, 2012 – 2014

Polytechnic University, San Juan, PR, USA

- Professor, Department of Electrical and Computer Engineering and Computer Science, 2009 – 2012
- Founding Director, Partnership Development Office, 2009 – 2012
- Founding Director, Nuclear Education Fellowship Program, 2009 – 2012
- Coordinator, Electrical Engineering Graduate Program, 2008
- Associate Professor, Department of Electrical and Computer Engineering and Computer Science, 2007 – 2009

University of Technology at Malaysia, Skudai, Johor, Malaysia

- Associate Professor (External Supervisor/Academic Advisor), Faculty of Computer Science and Information Systems, 2006 – 2008

Jackson State University, Jackson, MS, USA

- Assistant Professor, Department of Computer Science, 2003 – 2007

University of South Alabama, Mobile, AL, USA

- Assistant Professor, Department of Electrical and Computer Engineering, 2002 – 2003

University of Wisconsin, Madison, WI, USA

- Teaching and Research Assistant, Department of Electrical and Computer Engineering, 1998 – 2002

Eastern Mediterranean University, Famagusta, Cyprus

- Teaching and Research Assistant, Department of Electrical and Electronic Engineering, 1997 – 1998

SUMMER RESEARCH APPOINTMENTS

Oak Ridge National Laboratory, Oak Ridge, TN, USA

- Visiting Research Faculty, Statistics and Data Science Group, Computer Science and Mathematics Division, 2011
- Visiting Professor, Joint Institute for Computational Sciences, The University of Tennessee, Knoxville, and ORNL, 2010
- Visiting Research Faculty, Statistics and Data Science Group, Computer Science and Mathematics Division, 2009
- Visiting Research Faculty, Computer Science Research Group, Computer Science and Mathematics Division, 2007
- Distinguished Visiting Scientist/Faculty, Statistics and Data Science Group, Computer Science and Mathematics Division, 2006
- Visiting Research Faculty, Statistics and Data Science Group, Computer Science and Mathematics Division, 2005

University of Alaska, Fairbanks, AK, USA

- Visiting Research Professor, Arctic Region Supercomputing Center, 2008

Los Alamos National Laboratory, Los Alamos, NM, USA

- Staff Research Assistant, Computing, Information, and Communications Division, 2000

AWARDS & HONORS

- **Chair & Keynote Speaker**, the International Conference on Computing and Data Analysis (ICCCA), Lakeland, Florida, May 2017
- **Chair & Keynote Speaker**, the International Conference on Humanity and Social Sciences (ICHSS), Macau, May 2017
- **Chair & Keynote Speaker**, the International Conference on Information Systems Engineering (ICISE), Charleston, South Carolina, April 2017
- **Chair & Keynote Speaker**, the International Conference on Network Security (ICNS), Kyoto, Japan, December 2016.
- **Chair & Keynote Speaker**, the International Conference on Software and Information Systems (ICSIS), Las Vegas, Nevada, May 2015
- **Chair & Keynote Speaker**, the International Conference on Software and Information Engineering (ICSIE), Dubai, UAE, May 2015
- **Chair & Keynote Speaker**, the International Conference on Electronics Engineering and Power Engineering (CEEPE), Guilin, China, May 2015
- **Chair & Keynote Speaker**, the International Conference on Information Systems Engineering (iCISE), Hays, Kansas, May 2014
- **Fellow**, Science and Engineering Institute (SCIEI), 2012
- **Fellow**, International Association for Information Technology, Communication and Development (IAITCD), 2012
- **Fellow**, International Association of Computer Science and Information Technology (IACSIT), 2012

REFEREED SCIENTIFIC PUBLICATIONS (SAMPLE OUT OF OVER 60)

- Kettani, H. (2019). *The World Muslim Population, Spatial & Temporal Analysis*. Singapore: Pam Stanford Publishing Pte Ltd.
- Cannistra, R.M. & Kettani, H. (2018). Cyber Threats to Smart Digital Environments. *Proceedings of the International Conference on Smart Digital Environment (ICSDE'18)*, Rabat, Morocco.
- Wainwright, P. & Kettani, H. (2018). Analysis of the ENISA Threat Landscape Report. *Proceedings of the International Conference on Smart Digital Environment (ICSDE'18)*, Rabat, Morocco.
- Kettani, H. (2017). Towards Exascale Computing. *Proceedings of the International Conference on Reliability, Infocom Technology and Optimization (ICRITO'17)*, Noida, India.
- Kettani, H. (2017). Advances in High Performance Computing and Their Impact on Smart Cities. *Proceedings of the International Conference on Smart Digital Environment (ICSDE)*, Rabat, Morocco.
- Kettani, H. (2017). Muslims. In T. Ownby, C.R. Wilson, A.J. Abadie & J.G. Thomas (Eds.), *The Mississippi Encyclopedia* (p. 900). Oxford, MS: University Press of Mississippi.
- Kettani, H. (2016). History and Prospect of Muslims in Western Europe. *Journal of Religion and Health*, 55(3), 1-36.
- Kettani, H. (2014). *The World Muslim Population, History & Prospect*. Singapore: Research Publishing Service.
- Kettani, H. (2014). History and Prospect of Muslims in South America. *Social Indicators Research*, 115(2), 837-868.
- Kettani, H. (2013). History and Prospect of Muslims in Central America. *European Online Journal of Natural and Social Sciences*, 2(2), 288-297.
- Kettani, H. & Gubner, J.A. (2012). On the Detection of LRD Phenomena. *Proceedings of the International Conference on Computing, Networking & Communications (ICNC)*, Maui, HI, 320-326