Dr. Mohammed M. Abu Shquier

President Assistant of IT Affairs

Manager of E-learning and Open-source Unit

Biography	

Dr. Mohammed M. Abu Shquier, the Assistant President of Jerash University, the Manager of Planning and Development Unit and the Manager of E-Learning and Open Sources Center, before, he acted the position of the Dean of the Faculty of Computer Science and Information Technology / Jerash University, he also worked as an Assistant professor at the University of Tabuk, KSA for the past five years. Before that he worked as a head of Computer Science Dept. at Jerash University, Jordan. He also worked for two years as a senior lecturer at the American Degree Program (ADP) in Taylors University (Subang Jaya) / Malaysia. Abu Shquier received his Masters degrees from the school of Computer Science at The University of Science Malaysia in Peneng (USM), and he received his Ph.D from the National University of Malaysia in Bangi (UKM). Abu Shquier research focuses on developing Novel Arabic Machine Translation (Rule and Statistical Based). He also interested in conducting research in the areas of Computational Linguistics, Informaiton Retrieval and Arabic Natural Language Processing in general. In addition to that he had conducted good research in the area of Arabic Morphology, Syntactic and Symantic. He has published a number of papers in excellent international journals and conferences. Abu Shquier has more than 10 years of experience in teaching under-graduate and post-graduate students with different majors.

General Informaiton

Full Name: Mohammed M. S. Abu Shquier	✓ President Assistant of IT Affairs.
Department: Computer Science	✓ General Director of E-Learning and Open-Source Center.
Faculty: Computer Science and Information Technology	✓ Manager of Planning & Development Unit. Faculty of Computer Science and Information Technology.
Current Academic Rank : Associated Professor	Jerash University Fax:96226350520 P.O.Box 311, 26150 Jerash Email: shquier@jpu.edu.jo Tel: 0096226350521 - Ext: 555

Academic Qualifications

تاريخ التخرج Date of Grad	الجامعة Institution	التخصص Major	الدرجة العلمية Degree
2008	جامعة ماليزيا الوطنية National University of Malaysia (UKM)	الذكاء الإصطناعي / معالجة اللغات الطبيعيه Computer Science / NLP	دكتوراة PhD
PhD Thesis Title: Word Agreement and Ordering in English-Arabic Machine Translation: A Rule-Based Approach.			
2003	جامعة العلوم الماليزية Science University of Malaysia	تكنولوجيا المعلومات Information Technology	ماجستير MSc
2001	جامعة العلوم والتكنولوجيا الاردنية Jordan University of Science and Technology	علوم الحاسوب / الرياضيات التطبيقية Computer Science / Applied Math	بكالوريوس Bachelor

Employment Record After PhD	

العمل الإداري (Managerial Experience)

الوصف الوظفي Work Description	الجامعة University	الفترة الزمنية Period
مساعد رئيس الجامعة للشؤون التقنية Assist. President of Jerash University	جامعة جرش Jerash University	Present - 2019/6/21
مدير مركز التعليم الإلكتروني والمصادر المفتوحة Manager of E-Learning and Open Sources	جامعة جرش Jerash University	Present - 2019/6/21
مدير دائرة التنمية والتخطيط Planning Unit & Manager of Development	جامعة جرش Jerash University	Present - 2019/6/21
ق.أ. عميد كلية علوم الحاسوب وتكنولوجيا المعلومات Dean of the Faculty of Computer Science and IT	جامعة جرش Jerash University	2018/10/25 - 2015/9/13
مدير دائرة الخدمات الإلكترونية / مركز الحاسوب Manager of E-Services Unit / Computer Center	جامعة جرش Jerash University	2017/11/25 - 2016/10/13
مستشار وكيل الجامعة للشؤون الأكاديمية Consultant of Vice President for e-Services	جامعة تبوك University of Tabuk	2011/10/1 – 2010/10/1
مدير وحدة التعليم الإلكتروني والتعلم عن بعد Manager of Distance and e-Learning Unit	جامعة تبوك University of Tabuk	2015/9/9 – 2010/10/1
مدير وحدة الخطط والمناهج الدراسية Manager of Curriculum Unit	جامعة تبوك University of Tabuk	2015/9/9 – 2013/8/18
مدير دائرة الخدمات و الموقع الإلكتروني Manager of website and e-Services Unit	جامعة تبوك University of Tabuk	2015/9/9 – 2010/11/1
مدير وحدة الأنشطة العلمية Manager of Academic Activities Unit	جامعة تبوك University of Tabuk	2015/9/9 – 2013/9/1
رئيس مؤتمر WCIS Chair of WCIS Conference	جامعة تبوك University of Tabuk	2015/9/9 – 2012/10/1
رئيس قسم علوم الحاسوب Head of Computer Science Department	جامعة جرش Jerash University	2010/9/30 – 2009/9/13

التدريس (Teaching)

الوصف الوظفي Work Description	الجامعة University	الفترة الزمنية Period
استاذ مشارك في قسم علوم الحاسوب Associate Professor in Computer Science	جامعة جرش Jerash University	Present - 2016/9/13
استاذ مساعد في قسم علوم الحاسوب Assist. Professor in Computer Science	جامعة تبوك University of Tabuk	2015/9/9 – 2010/10/1
استاذ مساعد في قسم علوم الحاسوب Assist. Professor in Computer Science	جامعة جرش Jerash University	2010/9/30 – 2009/9/13
استاذ مساعد في قسم علوم الحاسوب Assist. Professor in Computer Science	جامعة تيلور الماليزية Taylor University	2009/9/1 – 2007/8/24
محاضر في قسم علم الحاسوب Lecturer at the Computer Science Department. (Part Time)	جامعة العلوم والتكنولوجيا JUST	2007/1/20 – 2006/9/20
محاضر في قسم الحاسوب Lecturer in Computer Science Dept.	جامعة جرش Jerash University	2005/7/30 – 2003/10/1

Scientific and Research Work

Articles Published or Accepted for Publication

Scientific Journals (Recent Articles are all listed at Google Scholar)

Published Articles

Arabic-to-Malay Machine Translation using Transfer Approach	International Journal of Computer and Information Science
Novel approach in multilingual and mixed English-Arabic test collection	International Journal of Computing Science and Mathematics 11 (3), 291-304
MGA-TSP: modernized genetic algorithm for the travelling salesman problem	International Journal of Reasoning-based Intelligent Systems 11 (3), 215-226
Adapting eSpeak to Arabic language: converting Arabic text to speech language using eSpeak	International Journal of Reasoning-based Intelligent Systems

Fully automated Arabic to English machine translation system: transfer-based approach of AE-TBMT	International Journal of Information and Communication Technology
Arabic phonemes recognition using hybrid LVQ/HMM model for continuous speech recognition	International Journal of Speech Technology - Springer
Students performance between classical and online education: a comparative study	International Journal of Continuing Engineering Education and Life Long Learning
Novel Prefix Tri-Literal Word Analyser: Rule-Based Approach	Journal of Computer Science
A Various Issues in Image Steganography that Using LSB Technique	International Journal of Computer Networks and Communications Security
Computational Approach to the Derivation and Inflection of Arabic Irregular Verbs in English-Arabic Machine Translation	International Journal of Advancements in Computing Technology
A Technique to Enhance the Process of Handling Gender Agreement Requirement in English-Arabic Machine Translation	International Journal of Current Engineering and Technology
Words ordering and corresponding verb-subject agreements in English-Arabic machine translation: Hybrid-based approach	International Journal of Soft Computing And Software Engineering (JSCSE)
Adopting new rules in rule-based machine translation	2010 12th International Conference on Computer Modelling and Simulation
Rule–based approach to tackle agreement and word–ordering in English–Arabic machine translation	European & Mediterranean Conf. Informatics Sys.(EMCIS)
Word agreement and ordering in English-Arabic machine translation	2008 International Symposium on Information Technology
Handling agreement in machine translation from English to Arabic	1st International conference on digital communications and computer applications (DCCA2007). JUST
Arabic irregular verbs: inflection and derivation for English-Arabic Machine Translation	MCIC-2014
Novel Prototype for Handling Arabic Natural Language Processing: Smart Morphological Analyzer	2019 Second International Conference on Artificial Intelligence for Industries (AI4I)
Arabic to English Machine Translation	Proceedings of the New Trends in Information Technology (NTIT)
Adopting new rules in rule-based machine translation	2010 12th International Conference on Computer Modelling and Simulation

(Units and Councils Memberships)

العضوية Memberships	الفترة الزمنية Period
Director of E-Learning and Open-Source Unit, Jerash University, Jordan	**Present – 2015**
Member of University Study Plans Development Committee, Jerash University, Jordan	**Present – 2015**
Vice President Consultant, University of Tabuk, KSA	**2011 – 2010**
Manager of Distance and e-Learning Unit, University of Tabuk, KSA	**2015 – 2013**
Manager of Curriculum Development Unit, University of Tabuk, KSA	**2015 – 2013**
Manager of E-Learning Center, Taylors University, Malaysia.	**2007-2009**

الإستشارات والنشاطات الخارجية (Consultation External Activities)

طبيعة الفعالية Activity Description	الفترة الزمنية Period
Coordinator and Program Chair for the first and Second workshop on Computers and Information Sciences: Arabic Natural Language Processing (WCIS 2015) and (WCIS 2013) http://www.utfcit.com/wcis/ar	**2015 - 2013**
Conducting workshop on web development using Liferay at the school of Computers and Information Technology, Tabuk, KSA. / Presenter	**2014**
Conducting E-Learning Services at the school of Computers and Information Technology. / Presenter	**2014**
Technology, Improving Research innovation and creativity (QTech). / & King Abdulaziz City for Science Presenter	**2013**

Postgraduate Research Assistants. (Co-supervisor) Moyad Alawneh, (AI Major), "Example-Based of Noun-Phrases Machine Translation ", 2008-2011. UKM, Malayisa.

Funding (Not including Consulting)
- University of Tabuk, Developing a blended e-Learning System at the University of Tabuk, SR40,000
  - National University of Malaysia, SEAS Information Retrieval Grant, April 20, 2007, $9000.0

- American Degree Program – Taylor's University. ADP Forum Grant, June, 2008. $10,000.

University of Tabuk and Community Service

First and Second Internationl Workshop on Computers and Information Sciences

- Coordinator and program chair.
- Chair of Technical Program.
- Chair of Scientific Committee.
- Member of Steering Committee. (please refer to http://utfcit.com/wcis/ar)

College of Computers and Information Technology

- Faculty member
- Web Developer/Master (PHP, ASP.net, SQL)
- Chair of Curriculum's development committee (IT dept.)

· **University of Tabuk/ Faculty of Computers and IT**

- General Manager of the Distance and E-learning unit.
- Web Developer/Master (PHP, ASP.net, SQL).
- Developer of the Alumni project (http://utfcit.com/alumni).
- Developer of the Openconf Project (http://utfcit.com/wcis).
- Developer of the ANLP project (http://utfcit.com/anlp)
- Developer for many other ongoing e-projects.

Research Interest

- Distance Learning management systems.
- Computational Linguistics.
- Arabic Natural Language Processing.
- Artificial Intelligence.
- Knowledge discovery in Web services
- Information Retrieval.
- E-Learning.