CURRICULUM VITAE

Mohammad Suleiman Qatawneh *(Professor, Ph.D.)*
The University of Jordan
King Abdullah II School for Information Technology
Computer Science Department
Mobile #: +962795502200
Email: mohd.qat@ju.edu.jo
http://computer.ju.edu.jo/Lists/FacultyAcademicStaff/School_All_Staff.aspx

PERSONAL INFORMATION

- **Nationality:** Jordanian.
- **Material Status:** Married.
- **Number of Children:** Three.
- **Date of Birth:** November 11, 1964.

ACHIEVMENT IN ACCREDITATION AND QUALITY ASSURANCEPERS

During my administrative positions at King Abdullah II School for Information Technology (KASIT), I conducted a comprehensive revision for programs' study plans and initiated a quality assurance program.

The new study plans comply with local higher education accreditation commission rules as well as International standards such as ACM and IEEE. The reviewed programs include four graduate and three undergraduate level programs. The graduate level programs are: PhD in computer science, MSc in computer science, computer information systems, and web intelligence. The undergraduate level programs are: computer science, computer information systems, and business information technology.

The quality assurance program satisfies ABET standards and set rules for all academic and administrative tasks and procedures that are related to faculty members, staff, and students. The program controls teaching, research, examinations, graduation projects, programs evaluation, alumni, e-learning, labs, and faculty facilities.

ADMINISTRATIVE POSITIONS

- Vice president of the Aqaba University of Technology, Aqaba, 2015 – 2016.
- Dean of King Abdullah II School for Information Technology, The University of Jordan, 2012 – 2015.
- Vice Dean, King Abdullah II School for Information Technology, The University of Jordan, 2009 - 2012.
- Head of the Computer Science Department, The University of Jordan, 2007- 2009.
- Head of the Department of Computer Science, Al-Zaytoonah Private University, Jordan, 1998-2000.
- Head of the Department of Computer Information System, Al-Zaytoonah Private University, Jordan, 2001 -2004.

ACADEMIC POSITIONS

- Full Professor, Department of Computer Science, King Abdullah II School for Information Technology, The University of Jordan, 2012 – present.
- Associate Professor, Department of Computer Science, King Abdullah II School for Information Technology, The University of Jordan, 2008 – 2012.
- Assistant Professor, Department of Computer Science, King Abdullah II School for Information Technology – The University of Jordan, August 2007 – August 2008.

- Assistant Professor, Department of Computer Science, College of IT, Al-Zaytoonah Private University, February 1997 – August 2007.

RESEARCH INTERESTS

My research interests include Blockchain Technology, Digital Forensics, Internet of Things (IoT), Cloud Computing, Fog Computing, IoT Forensics, Security, Parallel & Distributed Computing.

ACHIEVEMENTS

- Establishing a Ph.D. program in computer science. The program became the first doctoral program in computer science offered by a Jordanian public university. See:http://computer.ju.edu.jo/Lists/OurPrograms/Postgraduate.aspx.
- Establishing master program in Web Intelligence. The program is the first who provide research opportunity in the field of web application.
  See:http://computer.ju.edu.jo/Lists/OurPrograms/Postgraduate.aspx.
- Establishing "Samsung Academy" that provides training on mobile and AV maintenance for students and local community. The academy contributes in tackling the problem of lacking job readiness for students, young men, and women from local community. See:http://ujnews2.ju.edu.jo/en/english/Lists/News/Disp_FormNewsUJsocial.aspx?ID=4650.
- Establishing "Samsung Laboratory" that provides training in many applications such as mobile applications and Android operating system. See:
  http://www.ju.edu.jo/Lists/AcademicNews/DispForm.aspx?ID=74&ContentTypeId=0x0100353D53CE71381A4596DE47C1EAD4034.

- Attracting national and international companies to support the development of King Abdullah II School infrastructure which resulted in the establishment of CISCO Academy, Samsung Lab, Samsung Academy and donations from other companies.

EDUCATION

- University of Kiev, Ukraine. Ph.D. in Computer Engineering. Thesis Title: Methods and Means of Efficiency Improvement for Large Scale Computing Systems with Tree- Hypercube Topology, 1996.
- University of Donetsk, USSR. Master in Computer Engineering. Thesis Title: Display Processor for Output of Vector Images, 1988.

TAUGHT COURSES

- Digital Forensics
- Internet of Things.
- Blockchain Technology.
- Cloud and Fog Computing.
- Information Security.
- Distributed Systems
- Operating Systems.
- Computer Networks.
- Distributed Operating Systems (Master Program).
- Distributed Systems (PhD Program).
- Blockchain and IoT (Master & Ph.D. Programs)
- Parallel & Distributed Systems.
- Graduation Projects.

STATEMENT OF RESEARCHTAUGHT PHILOSOPHY

In the twenty-first century of the all-pervasive Internet, when the annual global IP traffic is expected to exceed the threshold of a Zettabyte (1021 bytes), the need for efficient networking policies, protocols, and algorithms cannot be over emphasized.

The number of objects on the Internet of Things (IoT) will exceed 50 billion by 2020, this according to Cisco. By 2022, 1 trillion networked sensors will be embedded in the world around us, with up to 45 trillion in 20 years. Thus creating an urgent need for highly scalable, robust, and efficient algorithms to deal with several IoT challenges such security, privacy, reliability, interoperability, energy consumption, etc.

An Internet of things can be viewed as an information systems made up of things, networks, data, and services. The things may be sensors, traditional computers, cameras, home appliances, tablets, smart phones, vehicles, humans, etc. that are connected over a network which can be wired or wireless. These things may gather, process, and upload a huge amount of data to the internet and used to initiate service.

The wireless sensors are the backbone of the IoT, because they are widely used in several applications such as military, healthcare, education, environment, etc. However, sensors are resource-constrained devices with limited battery power, memory size, communication bandwidth, and processing performance which involve shortcomings regarding reliability, security, privacy, energy consumption, management, etc. Therefore, A Blockchain technology can be a panacea for such challenges.

As previously mentioned, IoT is broadly used in many fields, the Security, privacy, etc. of IoT are becoming especially important and will take great effects on the industry of IoT. My recent researches focus on implementing and designing a lightweight key distribution protocols for IoT, lightweight techniques using BlockChain to enhance IoT security at different levels (physical, fog and cloud) to enhance IoT security, and developing energy consumption techniques. Therefore, my recent research in IoT

Another research field that I am currently working on is the cloud forensics with my Ph.D. & master students. We are focusing on developing new frameworks for cloud and fog IoT architecture and proposing a new forensics

mapping algorithm in order to enhance the time needed for evidence acquisition process.

STATEMENT OF SERVICE PHILOSOPHY

In my opinion, service is an opportunity to build a strong relationships and partnership – both within the department and between the department and the university and community. I strongly believe that the service is an important aspect of academic life which is never taught in a classroom, therefore, it is required for collaboration, learning, knowledge sharing and creativity.

Departmental Service: Departmental service: my previous departmental service was mostly focused on developing courses and curriculums. Also, I was active in representing my department at conferences, Scientific Research and Seminars Committee. Additionally, I always made myself available to contribute to the work of other committees, especially when the help request falls within my area of expertise or when the committee is overloaded with work. Because ı believe that the key attributes for successful service are willingness to help, share knowledge, collaborate and be involved with collective concerns and institutional development.

University service: I always looked at the university service as an opportunity to build cross-sectional networks and increase the department and college visibility (I was the chairperson of the computer science department for three years and The dean of the college of IT for three years).

Community Service: I strongly believe that one of the main roles of academics is to have an impact on their communities – especially when the community initiatives fall within my area of expertise. Partnerships with schools, colleges, other universities, governmental bodies/agencies and community organizations and influential individuals, help in strengthening the community, increasing the university visibility and elevating intrinsic rewards of academics.

Professional Service: Another important area of academic impact is contributing to the professional community. I have been an active member of several professional committees such as Appointment and Promotion Committee, Executive Committee of the e-government diploma Committee, member of the university of Jordan council, member of the Committee of computer center, Member of the committee for the development of the university, etc.

STATEMENT OF TEACHING PHILOSOPHY

As a computer science professor, I believe that students should develop a strong theoretical foundation, see the value of what is being taught, and learn to embrace opportunities for working in a constructive, interactive and collaborative environment. I believe that an important skill that students should develop is intuition for problems, which is gained through a solid understanding of theoretical computer science. I endeavor for students to be able to identify the character of problems for which they are developing an algorithm.

When I teach a computer science class, I usually have three different goals. First, I want to make sure that students understand the fundamental concepts I am explaining. To do so, I usually prepare different examples and discussion scenarios that challenge their understanding and make sure that students not only understand the examples but also the concepts behind these examples.

The second goal is to make sure that they can apply their understanding of these fundamental concepts on other examples. Third, students should be able to see the big picture and know how to apply what they learn to real-life situations. I am currently a full professor in the department of computer science at the University of Jordan. Over the past twenty-three years, I have taught a variety of courses. I have taught undergraduate and graduate courses in the following areas:

1. High performance Computing area for graduate students (Master and PhD): I have taught Blockchain technology, Cloud computing, Fog computing, IoT, Cluster Distributed Systems, Security, and parallel Computing.

2. Digital forensics.
3. Computer Systems and Networks: I have taught Operating Systems, Computer Networks, and security for under graduate, and distributed operating systems for master and PhD programs.

My teaching evaluations showed that students appreciated my enthusiasm and knowledge of my topic, as well as my ability to lead tutorial discussions in an inclusive manner.

PUBLICATIONS

1. Mohammed Khanafseh, Mohammad Qatawneh, Wesam Almobaideen, A Survey of Various Frameworks and Solutions in all Branches of Digital Forensics with a Focus on Cloud Forensics, (IJACSA) International Journal of Advanced Computer Science and Applications, Volume 10(8), 2019.
2. Reem Saadeh, Mohammad Qatawneh, PERFORMANCE EVALUATION OF PARALLEL BUBBLE SORT ALGORITHM ON SUPERCOMPUTER IMAN1, International Journal of Computer Science & Information Technology (IJCSIT), Volume 11(3), 2019.
3. Wesam Almobaideen, Mohammad Qatawneh, Orieb Abualghanam, Virtual Node Schedule for Supporting QoS in Wireless Sensor Network, 2019 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT), 2019.
4. Ahmad Bany Doumi, **Mohammad Qatawneh**, Performance Evaluation of Parallel International Data Algorithm On IMAN1 Super Computer, International Journal of Network Security & Its Applications (IJNSA), Volume 11 (1), 2019.
5. Sanad AbuRass, **Mohammad Qatawneh**, Performance Evaluation of AES algorithm on Supercomputer IMAN1, International Journal of Computer Applications, Volume 179,48. 2018.
6. AL-Azzam Saad, **Mohammad Qatawneh**, Parallel Processing of Sorting and Searching Algorithms Comparative Study, Modern Applied Science, volume 12, 4, 2018.

7. Heba Harahsheh, **Mohammad Qatawneh**, Performance Evaluation of Twofish Algorithm on IMAN1 Supercomputer, International Journal of Computer Applications, volume 179,20, 2018.
8. Areej Al-Shorman, **Mohammad Qatawneh**, Performance of Parallel RSA on IMAN1 Supercomputer, International Journal of Computer Applications, volume 180,37, 2018.
9. Asassfeh Mahmoud Rajallah, **Mohammad Qatawneh**, Feras Mohamed AL-Azzeh, PERFORMANCE EVALUATION OF BLOWFISH ALGORITHM ON SUPERCOMPUTER IMAN1, International Journal of Computer Networks & Communications (IJCNC), volum 10,2, 2018.
10. Amaal Shorman**, Mohammad Qatawneh**, Performance Improvement of Double Data Encryption Standard Algorithm using Parallel Computation, International Journal of Computer Applications, volume 179, 25, 2018.
11. Mais Haj Qasem, **Mohammad Qatawneh**, Parallel Hill Cipher Encryption Algorithm, International Journal of Computer Applications, volume 179, 19, 2018.
12. Enas Rawashdeh, **Mohammad Qatawneh**, Hussein A. Al Ofeishat, A NEW PARALLEL MATRIX MULTIPLICATION ALGORITHM ON HEX-CELL NETWORK (PMMHC) USING IMAN1 SUPERCOMPUTER, International Journal of Computer Science & Information Technology (IJCSIT), volume 9, 2, 2017.
13. Mais Haj Qasem, **Mohammad Qatawneh**, Parallel Matrix Multiplication for Business Applications, Proceedings of the Computational Methods in Systems and Software, 2017.
14. Orieb AbuAlghanam, **Mohammad Qatawneh**, Ammar Huneiti Hussein A. al Ofeishat, Omar Adwan, A New Parallel Matrix Multiplication Algorithm on Tree-Hypercube Network using IMAN1 Supercomputer, International Journal of Advanced Computer Science and Applications, volume 9,12, 2017.
15. Sherin W. Hijazi, **Mohammad Qatawneh**, Study of Performance Evaluation of Binary Search on Merge Sorted Array Using Different Strategies, I.J. Modern Education and Computer Science, 12, 2017.
16. Ola M Surakhi, **Mohammad Qatawneh**, A Hussein, A Parallel Genetic Algorithm for Maximum Flow Problem, International Journal of Advanced Computer Science and Applications, volume 8,6, 2017.

17. Mohammed Y. Alkhanafseh, **Mohammad Qatawneh**, Hussein A. al Ofeishat, A Parallel Chemical Reaction Optimization Algorithm for MaxFlow Problem, International Journal of Computer Science and Information Security, volume 15,6, 2017.
18. Maha Saadeh, Huda Saadeh, **Mohammad Qatawneh**, Performance Evaluation of Parallel Sorting Algorithms on IMAN1 Supercomputer, International Journal of Advanced Science and Technology, Volume 95, 2016.
19. Maha Saadeh, Azzam Sleit, **Mohammed Qatawneh**, Wesam Almobaideen, Authentication techniques for the internet of things: A survey, Cybersecurity and Cyberforensics Conference (CCC), 2016.
20. **Mohammad Qatawneh**, New efficient algorithm for mapping linear array into hex-cell network, International Journal of Advanced Science and Technology, Volume 90, 2016.
21. **Qatawneh Mohammad**, Ahmad Alamoush, Sawsan Basem, Maen M. Al Assaf, Mohammad Sh. Daoud, EMBEDDING BUS AND RING INTO HEX-CELL INTERCONNECTION NETWORK, International Journal of Computer Networks & Communications (IJCNC), volume 7,3, 2015.
22. Maen M. Al Assaf, Ali Rodan, **Mohammad Qatawneh,** Mohamed Riduan Abid, A comparison Study between Informed and Predictive Prefetching Mechanisms for I/O Storage Systems, Int. J. Communications, Network and System Sciences,8, 2015, pp. 181-186.
23. **Qatawneh Mohammad**, Hebatallah Khattab, New Routing for Hex-Cell Network, International Journal of Future Generation Communication and Networking, Vol.8 ,No.2, 2015**.**
24. **Qatawneh Mohammad,** Ahmad Alamoush, Sawsan Basem, Maen M. Al Assaf, Mohammad Sh. Daoud, Embedding Bus and Ring into Hex-Cell Interconnection Network, International Journal of Computer networks and communications, Vol.7 No. 3, 2015.
25. **Mohammad Qatawneh**, Ahmad Alamous, Ja'far Alqatawna, Section Based Hex- Cell Routing Algorithm (SBHCR), International Journal of Computer Networks and Communications, Vol. 7, No. 1, 2015.
26. Wesam Almobaideen, Dimah Al-Khateeb, Azzam Sleit, **Mohammad Qatawneh**, Khadejeh Qadadeh, Rasha Al-Khdour, Hadeel Abu Hafeeza, Improved Stability Based Partially Disjoint AOMDV, Int'l

J. of Communications, Network and System Sciences Vol.6 No. 5, 2013.

27. Tawfiq Khalil Omar Adwan, Azzam Sleit, **Mohammed Qatawneh**, Ammar, Implementing a Total Healthcare Enterprise Resource Planning System, International journal on information (INFORMATION-TOKYO), Vol. 16, No.6, 2013.
28. **Mohammad Qatawneh**, Yacoub Massad, Mohammad Musaddaq, Tewfik Khalil, Azzam sliet, A Uniform Noise Median Filter Based on a New Type of Filtering Window. Information: an international interdisciplinary journal. Vol.15, No. 2, 2012.
29. **Mohammad Qatawneh**, Multilayer Hex-Cells: A New Class of Hex-Cell Interconnection Networks for Massively Parallel Systems. International journal of Communications, Network and System Sciences**,** 4**(**11) 2011.
30. **Mohammad Qatawneh**, Hamed Bdour, Shrouq Sabah, Rana Samhan, Azzam sliet, Ja'far Alqatawna, Wesam al-Mobaideen. An alternative Routing Algorithm for Hex-Cell network. Information: An International. Information: an international interdisciplinary journal, 14(10). Pp. 3499-3514, 2011.
31. Hasan Al-Hasan, **Mohammad Qatawneh**, Azzam Sleit, Wesam Almobaideen, EAPHRN: Energy-Aware PEGASIS-Based Hierarchal Routing Protocol for Wireless Sensor Networks. Journal of American Science, 7(8), 2011.
32. Wesam Almobaideen, Khaled Hushaidan, Azzam Sleit, **Mohammad Qatawneh**, A Cluster-Based Approach for Supporting QoS in Mobile Ad Hoc Networks. International Journal of Digital Content Technology and its Applications. Volume 5, Number 1, January 2011.
33. **Mohammad Qatawneh**., Embedding Binary Tree and Bus into Hex-Cell Interconnection Network. The Journal of American Science, 7(12), 2011.
34. **Mohammed Qatawneh**, Azzam Sleit, Moh'd Belal Al- Zoubi, Ayman Fetyani and Saleh Al-Sharaeh. An Efficient Generalized Multi-Fault Tolerant Mapping Algorithm onto a 3-D Tours Interconnection topology. World Applied Sciences Journal 12 (1): 106-113, 2011.
35. Azzam Sleit, Abdel latif Abu dalhoum, **Mohammad Qatawneh**, Maryam Al- Sharief, Rawa'a Al-Jabaly and Ola Karajeh, Image

Clustering using Color, Texture and Shape Features. KSII TRANSACTIONS ON INTERNET AND INFORMATION SYSTEMS VOL. 5, NO. 1, January 2011.

36. Mohammad alshraideh**,** **Mohammad Qatawneh**, Wesam Almobaiden, Azzam Sleit. Program-Operators to Improve Test Data Generation Search. WSEAS TRANSACTIONS on COMPUTERS, Issue 8, Volume 9, August 2010.
37. **Mohammad Qatawneh**, Bdour Hamed, Wesam AlMobaideen, Azzam Sleit, Amal Oudat, Wala'a Qutechat, Roba Al-Soub, FTRH: Fault-Tolerance Routing Algorithm for Hex-Cell Network. IJCSNS International Journal of Computer Science and Network Security, VOL.9 No.12, December 2009.
38. **Mohammad Qatawneh**, Azzam Sleit and Wesam Almobaideen, Parallel Implementation of polygon Clipping Using Transputer. American Journal of Applied Sciences 6 (2): 214-218, 2009.
39. Azzam Sleit, Wesam Almobaideen, **Mohammed Qatawneh**, Ala'a Barakat, Heba Saadeh, A Query Answering Surveillance System for Detecting and Tracking Moving Objects Using Bounding Rectangles, Journal of Digital Information Management q Volume 7 Number 1, February 2009.
40. Amjad Hudaib, Khalid Kaabneh, **Mohamad Qatawneh**., Modified on-Demand Multicasting Routing Protocol for Ad hoc Network. Issue 2, Volume 6, February 2009.
41. Azzam Sleit, Wesam AlMobaideen, **Mohammad Qatawneh**., Efficient Processing for Binary Submatrix Matching, American Journal of Applied Sciences 6 (1): 78-88, 2008.
42. Maram Al-Zaidi, **Mohammad Qatawneh**, Emad Salah, Performance Comparison of MAODV and ZBMRP, Proceedings of the 2009 International Conference on wireless Networks, ICWN 2009, July 13-16, Las Vegas Nevada, USA, 2 Volumes. 2009.
43. Fawaz A. M. Masoud, Qatawneh **Mohammad**, Wesam Almobaideen, Alshraideh Mohammad, Nabil Abu-Hashish, Oraib Megdady, Shatha Al-Asir, shorouq AlAdaileh., Interactive RPC Binding Model, European Journal of Scientific Research, 27(1), pp.112-119. 2009.

44. Azzam Sleit, Wesam AlMobaideen, Mohamad Smadi, **Mohammed Qatawneh,** JCAM: The Joined Clustered Access Method, 978-1-4244-2624-9, IEEE, 2008.
45. **Mohammad Qatawneh**, Wesam Almobaideen, Azzam Sliet, Emad Qaddura, Orayb Meqdady, Shatha Kamel Al-Asir., PFR: Priority-based Fragments Retransmission for IEEE 802.11 Ad-hoc Wireless Networks, European Journal of Scientific Research, 2008.
46. Azzam Sleit, Wesam Almobaideen, **Mohamad Qatawneh**, Shatha Al-Asir, Oraib Al-Megdadi, Recognizing Objects by Detecting Multiple Moving Parts, The Journal of American Science, 4(4), 2008.
47. **Mohammad Qatawneh**, Yahya, A. A., Automatic Vehicle Tracking Software Model and Geographic Information System, Abhath Al-Yarmouk Journal, Pure Science and Engineering Series, Jordan-Irbid, Vol. 17, No. 1 2008.
48. Ahmad Sharieh, **Mohammad Qatawneh**, Wesam Almobaideen, Azzam Sleit., Hex-Cell: Modeling, Topological Properties and Routing Algorithm, European Journal of Scientific Research, 2008.
49. Wesam Almobaideen, **Mohammad Qatawneh**, azzam sliet, Imad Salah and Saleh Al-sharaeh. Efficient Mapping Scheme of Ring Topology onto Tree- Hypercubes, Journal of Applied Sciences 7 (18): 2666-26770, 2007.
50. **Qatawneh, M**., Adaptive Fault Tolerant Routing algorithm in Tree-Hypercube Multicomputer, Journal of Compute Science 2(2): 124-126, 2006.
51. **Qatawneh, M**., Embedding Linear array onto tree-hypercube network, European Journal of Scientific Research, Vol. 10, No. 2, 2005.

RESEARCH SUPERVISIONS

Ph.D. Theses

	Thesis
1	Lightweight key distribution protocol for Internet of Things.
2	Blockchain for IoT Security and Privacy.
3	Forensics for cloud-IoT architecture.

4	Data Analytics Framework for Blockchain: Hyperledger Fabric.

MSc. Thesis

	Thesis
1	Blockchain Technology for Preventing Counterfiet in Health Insurance
2	Secure Digital Certificate System Based on Blockchain Technology.
3	Blockchain Technology to Reduce the Risk in Jordanian Financial Institutions.
4	Blockchain Technology for Preventing Counterfiet in Health Insurance
5	Hybrid Blockchain System for Reducing Fraud in Used-Vehicles Market.
6	A New Real Estate System Based On Blockchain Technology.
7	An Algorithmic Approach for Detecting Matrix Containment.
8	An Investigation of the Optimal Number of Cells in Active Set for UMTS.
9	TCP Fast Retransmit Performance Investigation Over AOMDV.
10	Performance Comparison of MAODV and ZABMRP.
11	Efficient Power-aware Data gathering in Wireless Sensor Networks (EPD).
12	Contention and Power Aware Routing Protocol for Mobile Ad hoc
13	Object Recognition Based on Dominant Points Identification.
14	Digital Image Enhancement Using Cellular Automata.
15	A New Approach for Mobile IP Routing Technique.
16	A New Approach for Mobile IP Routing Technique.
17	Embedding Static Networks into Hex-Cell Topology.

BOARDS, COUNCLES, JOURNALS AND STANDING COMMITTEES

- Ph.D. External Examiner.
- MSc theses External Examiner.

- Member of the Scientific Research, Conferences and Seminars Committee at King Abdullah II School for Information technology.
- Head of Higher Studies Committee.
- Member of the Appointment and Promotion Committee.
- Member of the Strategic Plan Committee.
- Member of the Curriculum Planning Committee.
- Member of the Scientific Research, Conference, Seminars, and Expositions Committee.
- Member of the Department Board.
- Member of the Training Committee.
- Member of the
- Head of the M.Sc. Theses Examination Committees.
- Member of the Graduation Projects Committees.
- Member of Training Committee.
- Member of the Committee for the Development of the University Network.
- Member of the Committee of Computer Center – The University of Jordan.
- Member of the Council of the Faculty of IT – The University of Jordan, 2007- 2015.
- Member of the University of Jordan Council, 2012- 2015.
- Member of the Executive Committee of the ICTE diploma committee, King Abdullah II School for Information Technology, the University of Jordan, 2007- 2015.
- Member of the Executive Committee of the e-government diploma committee, King Abdullah II School for Information Technology, The University of Jordan, 2007- 2015.
- Member, Appointment and Promotion Committee, The Faculty of IT 2007- 2015.
- Member, Appointment and Promotion Committee, The University of Jordan, 2013- 2015.

- Member of the steering committee of the IEEE Jordan Conference on Applied Electrical Engineering and Computing Technologies (AEECT), 2013

Award for Distinguished Researcher for 2012 - University of Jordan