

**Professor Khaldoun Batiha**  
**Professor of Computer Science**  
**Dean of Admissions & Registration**  
**Philadelphia University**



**P. O. Box:** (1) Philadelphia, 19392 Amman- Jordan

**Work:** +962-2-6374444 / Ext. 2629

**Mobile:** + (962) 772359677

**Fax:** +96264799041

**E-mail:** kh\_batiha@ Philadelphia.edu.jo

#### **Personal information**

<b>Place &amp; Date of Birth</b>	Irbid, Jordan, 1st Dec 1967
<b>Marital Status</b>	Married
<b>Nationality</b>	Jordanian

#### **Educational Qualifications**

<b>1991 - 1995</b>	PhD in Computer Engineering: Computer Networks Vinitsa University, Ukraine
<b>1985 - 1991</b>	B.Sc. and Diploma in Computer Engineering Vinitsa University, Ukraine

#### **Professional Experiences**

<b>1st Jul 2007 – present</b>	Philadelphia University, Amman – Jordan Dean of Admission & Registration.
<b>1st Sep 2014 – 31st Aug 2015</b>	Philadelphia University, Amman – Jordan Dean of the Accreditation and Quality Assurance.
<b>1st sep 2009 – 31th Aug 2014</b>	Philadelphia University, Amman – Jordan Dean of the Faculty of Information Technology.
<b>1st Oct 2001 – 30th Aug 2004</b>	Philadelphia University, Amman – Jordan Head of Business Networking and Systems Management Department

**16th Sep 1998 – 31th Aug 2001** Irbid University, Irbid – Jordan  
Head of Computer Science Department

**Main duties:**

- Teaching computer networks, computer architecture, microprocessors, programming languages, digital design, and systems operations.
- A developer of e-learning course (Distributed Information System) within the Avicenna Virtual Campus Project, Philadelphia University.
- Establishment of short – term and long-term plans
- Assuring the quality of the graduates.
- Ongoing assessment of quality improvement of the graduates.
- Participating in designing broad goals and objectives of the University.
- Budget preparation.
- Handling short-term and long –term consultations to foreign institutions over networking and programming; cost estimations; quality control; managing computer networking institutions.
- Participating in committees over staff appraisal.
- Problem solving, and handling student complaints particularly in manipulating teaching styles.
- Establishment of training programs.

**Language skills**

- Arabic Language
- English Language

## Research Interests

- Khaldoun Batiha, Jabbar Yousef. **"The Representation of Lexicon Using BAM Supporting MT.** " Zarka Journal for Research and Studies, Vol. 3 No. 2 2001.
- Ali S.; Yusif J.; Batiha K. **"Software Package Supporting Ship Stability by Using Catastrophe Theory"**, Damascus University Journal for Engineering Sciences, VOL. – 18-No 1-2002.
- Rababa M.; Batiha K.; Yusif J. **"Real Time Arabic Character Classifying System"**, Irbid University for Researches Journal, Vol.7 No 1-2004.
- Batiha Khaldoun. **"Improving Economic Secure Transaction Based on Useful and Avanced Wireless Technology"**. Yarmouk Journal, Basic Sciences and Engineering, Vol.14 No.2 2005.
- Mamoun S.A.R; M.B. Khaldoun; HY. Jabar. **(Toward Information Extraction System Based Arabic Language"**, International Journal of Soft Computing, Vol. 1 No1 -2006.
- Batiha Khaldoun. **"An EBA – Web based Application for Banking Information System;** Journal of Computer Science Vol . 2 No1-2006
- Batiha Khaldoun. **"A Robust Steganalysis on Digital Images;** Proceedings of the Eighteenth Midwest Artificial Intelligence and Cognitive Science; Conference, 2007
- Batiha B. Noorani M.S.M., Hashim I. Batiha K. **"Numerical Simulations of Systems of PDEs by Variational Iteration Method"**, Physics Letters A, 2007
- Batiha Khaldoun. **"Approximate Analytical Solution for the Zakharov– Kuznetsov Equations with Fully Nonlinear Dispersion"**; Journal of Computational and Applied Mathematics, Volume 216, Issue 1, 15 June 2008, Pages 157-163.
- Amer N. AbuAli, Ismail Ghazi Shayeb, Khaldoun Batiha, Haifa Y. Abu Aliudos. **The Benefits of Using Internet Protocol Version 6 ( IPv6);** International Review on Computers and Software (I.RE.CO.S.) Vol. 5, N.6 November 2010
- Kasim M. Al-Aubidy,Khaldoun Batiha,&Hesham Y.Al-Kharbshh. **Fuzzy-Based Gang Scheduling Approach for Multiprocessor Systems;** 2012-9<sup>th</sup> International Multi –Conference on System ,Signals and Devices
- Khaldoun Batiha, Khaled Batiha, Amer AbuAli, **The Need for IPv6;** International Journal of Academic Research Vol.3. No.3 May 2011, II Part

- B. Batiha and K. Batiha. "**An Analytic Study of the (2+1) – Dimensional Potential Kadomtsev- Petviashvili Equation**". Journal of Advances in Theoretical and Applied Mechanics, Vol. 3, no11, 2010, no. 11,513 -520
- Amer AbuAli , Haifa Abu-Addose, Khaldoun Batiha, Mofleh Al Diabat
- **A Comparative Study of Techniques Used for Evaluating Web Page Quality Of The Public Organizations in Jordan –Amman**;International Journal of Academic Research Vol.3 .No.3. March,2011, Part III.
- Hasan Al-Refai, Ali Al-Awneh, Khaldoun Batiha, Amer Abu Ali, Yehia M. El. Rahman;"**Efficient Routing LEACH (ER-LEACH) Enhanced on LEACH Protocol in Wireless Sensor Networks**"; International Journal of Academic Research Volume 3, Issue 3,2011
- Ali Alawneh a, Hasan Al-Refai, Khaldoun Batiha; "**Measuring user satisfaction from e-Government services: Lessons from Jordan**"; Government Information Quarterly Volume 30, Issue 3,2013
- Khaldoun Batiha; "**IMPROVING IPV6 ADDRESSING TYPES AND SIZE**"; International Journal of Computer Networks & Communications Volume 5, Issue 4,2013
- Khaldoun Batiha; "**The new candidate IPV6 address size prediction**"; Journal of Advanced Computer Science & Technology" Volume 3, Issue 2,2014
- Hasan Al-Refai, Ali Alawneh, Khaldoun Batiha, Ahmad Jarah; "**Enhanced model of Payment Phase for SET Protocol**"; International Journal of Video & Image Processing and Network Security Volume 14, Issue 1,2014
- Hasan Al-Refai, Khaldoun Batiha, Ali Alawneh, Saleh Bani Hani; "**Improved SPI Calculus for Reasoning on Cryptographic Protocols**"; International Journal of Video & Image Processing and Network Security Volume 14, Issue 1,2014
- Hasan Al-Refai, Ali Alawneh, Khaldoun Batiha; "**A COMPARATIVE STUDY IN WIRELESS SENSOR NETWORKS**"; International Journal of Wireless & Mobile Networks Volume 6, Issue 1,2014
- Khaled Batiha, Khaldoun Batiha. "**The Development of Mathematical Modeling for Solving Problem of ssesment of the Stability of Nonlinear Systems with Slowly Changing Parameters**";Research Journal of Applied Sciences, Engineering and Technology 12(6): 638-641, 2016

- Khaldoun Batiha. **"The magic of internet protocol"**; Journal of Advanced Computer Science & Technology, 6 (1) (2017) 1-12
- Hasan Al-Refai , Khaldoun Batiha. **"Enhancing formal specification and verification of e-commerce protocol"**; Journal of Advanced Computer Science & Technology, 6 (1) (2017) 13-19
- Khaldoun Batiha. **"Enhancing the internet performance by restructuring IPV6 basic header"**; International Journal of Engineering & Technology, 7 (4) (2018) 3951-3955
- AiqunWang, Panpan Yan, Khaldoun Batiha. **"A comprehensive study on managing strategies in the fog environments"**; Transactions on Emerging Telecommunications Technologies, 31 (2) 2019, e3833
- Suli Wang, Khaldoun Batiha. **"A metaheuristic-based method for replica selection in the Internet of Things"**; International Journal of Communication Systems, 33 (14) 2020
- Hasan Al-Refai, Khaldoun Batiha, Ahmad M. Al-Refai. **"AN ENHANCED USER AUTHENTICATION FRAMEWORK IN CLOUD COMPUTING"**; International Journal of Network Security & Its Applications (IJNSA) Vol. 12, No.2, March 2020

#### **Awards and Memberships**

- The Best Teacher and Researcher Award at Philadelphia University for the academic year 2003-2004.
- Consultant for Almutahedoon Company: "The complete control of computer machines through mobile systems management ".
- Member of the Jordanian Engineering Syndicate.
- Member of the Jordanian College of Science and Technology.
- Member of the Accreditation Council of the Ministry of Higher Education and scientific Research.

#### **International Conferences**

- Batiha Khaldoun. "Voice Over Internet Protocol (VoIP): A View and A Vision", the 2nd International Refereed Conference on Information Technology. "Human Computer Interaction " ICIT 2005, May 3rd – 5th, AL – Zaytoonah University OF Jordan.
- Alhadidi Basim, Batiha Khaldoun. "A Comparison Study for Neural Network Characteristics Based on Activation Function", The 2005 International Conference on Artificial Intelligence. (ICIA: June 27-30, Las Vigas, USA).

### Published Books

- Al- Shaikh T.; Batiha K.; Yusif J., "The Basic Skills on Computer" , Al-Markez AL Qaomi for Publishing, Jordan, (2001).
- Al – Shaikh T;; Yusif J., "Design and Analysis of Algorithms". Al\_Barakah for Publishing and Distributing Jordan (2004).
- Batiha B.; Batiha Kh.; Batiha K., "Maple في المرجع البسيط". Jordan (2011).

### References

**Prof. Marwan Kamal.**

*Head of Philadelphia University Trustees Council  
Philadelphia University, Amman-Jordan,  
Tel: +962 2 637444*

**Prof. Adnan Badran.**

*Petra University, Amman-Jordan*

**Pro. Mu'taz Alsheikh Salem.**

*Philadelphia University President, Amman-Jordan,  
Tel: +962 2 637444*

**Pro. Mohammad Taleb Obeidat.**

*Jadara University President, Irbid-Jordan*