

## Dr. YARA MOHAMMAD

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**Date of Birth:** 18<sup>th</sup> of December 1979  
**Nationality:** Syrian  
**Marital Status:** Single



### EDUCATION

#### **PhD:**

2005-2010: Doctor of Philosophy in Information Systems and Computing at **Brunel University**, London, United Kingdom. The short title of the PhD is **Information Security in Telemedicine and e-Health Systems**. The PhD study included many activities in research and teaching assistance.

#### **MSc:**

2004-2005: Master of Science in **Telemedicine & e-Health Systems**, School of Information Systems, Computing and Mathematics, **Brunel University**, London, United Kingdom.

#### **BEng:**

1997 – 2002 Bachelor's in **Bio-Medical Engineering**, Faculty of Electrical Engineering, Bio-Medical Engineering Dept. **Damascus University**, Syria.

### SKILLS OVERVIEW

- Biomedical Engineering
- Biosecurity
- Medical equipments
- Medical Technology Research
- Medical Terminology, Coding and Standards
- Information Security Management
- Risk Management
- Information systems evaluation and auditing
- Healthcare Management
- Information System Management
- Telemedicine Applications
- Telemedicine Technology and Standards
- Telemedicine Devices
- Clinical Aspects of Telemedicine & eHealth
- Health Technology Assessment
- Business Integration
- Organisation Change
- Business Improvement
- Enterprise resource planning (ERP)
- eGovernment
- eHealth applications
- Workforce Empowerment and Management
- Decision Support Systems
- Information Systems Policies and Strategies

#### **Languages:**

- Arabic: Mother tongue
- English: Excellent (Reading, writing, speaking)

### EXPERIENCES

#### **01/2012- till present:**

Lecturer (Assistant Professor) at the Biomedical Engineering Faculty, Al Andalus University, Syria. Taking the positions of the Deputy Dean for scientific research, then the Deputy Dean for Administrative and student affairs, and currently the Academic Dean of the Faculty since July 2013 with Managerial position as Research Bank Manager AURB.

#### **01/2011- 12/2011:**

Telemedicine and eHealth specialist at Ministry of Health, Damascus, Syria.

#### **08/2007- 05/2008:**

Research associate in the University College London UCL on the Evaluation of the Summary Care Record Early Adopter Programme. The evaluation of England's National Programme for IT in the National Health Service, London, UK.

#### **08/2007- 07/2009:**

Honorary Research Contract with The Hillingdon Hospital to do my research on the development and implementation of information security strategy in Electronic Health Records, London, UK.

#### **06/2007- 05/2009:**

Honorary Research Contract with the Northwick Park, St Marks and Central Middlesex Hospitals to do my research on the development and implementation of information security strategy in Electronic Health Records, London, UK.

**09/2007- 10/2010:**

Teacher at Chelsea Arabic School, London, UK.

**01/2006- 04/2006:**

Working with Hillingdon Refugee Support Group as a web designer as a volunteering work, London, UK.

**12/2002-03/2004:**

Informatics engineer and web Master Decision Support System of Syrian Ministry of Health in web design department, Damascus, Syria.

**09/2002-11/2002:**

Biomedical engineer in RIJLEH & CO. Company, medical equipment & hospital supply, Damascus, Syria.

**PUBLICATIONS:**

**Mohammad, Y.** Stergioulas, L. (2011) 'The NPfIT strategy for Information Security of Care Record Service', European, Mediterranean and Middle Eastern Conference on Information Systems (EMCIS), Athens, Greece, 30-31 May.

**Mohammad, Y.** (2011) 'Evaluation report for the Pilot Project of Hospital Information System in Damascus Hospital', Ministry of Health, Damascus, Syria.

**Mohammad, Y.** Stergioulas, L. (2010) 'Building an information security strategy for EHR: guidelines for assessing the current situation', 32nd Annual International Conference of the IEEE Engineering in Medicine and Biology Society "Merging Medical Humanism and Technology", 31 August - 4 September, Buenos Aires, Argentina.

Mohammad, N. **Mohammad, Y.** Auray, J. and Verdier, C.(2008) 'Evaluation of health information systems: reasons for failure', ICSSHC Congress, 3-5 September, Lyon, France.

Greenhalgh, T. Stramer, K. Bratan, T. Byrne, E. **Mohammad, Y.** and Russell, J. (2008) 'Innovation theory multi-site case study using diffusion of Introduction of shared electronic records', British Medical Journal, 337;a1786.

Greenhalgh, T. Stramer, K. Bratan, T. Byrne, E. Russell, J. **Mohammad, Y.** Wood, G. Hinder, S. (2008) Summary Care Record Early Adopter Programme: An Independent Evaluation by University College London. University College London, London, UK.

**Mohammad, Y.** Stergioulas, L. (2007) 'Articulation and implementation of data protection policies in Electronic Health Records (EHR)', The publication reflects proceedings at the Westminster Health Forum Seminar Leadership, Management and Incentives in the NHS, February, London, UK.

**Mohammad, Y.** Stergioulas, L. and Yosuf, M. (2007) 'Data protection in shared health records: requirements and challenges'. Medinfo 2007 Congress, 20-24 August, Brisbane, Australia.

**SCHOLARSHIPS & AWARDS**

- 2004- 2010: Six years scholarship from the Syrian Ministry of Higher Education to do Masters and PhD in Telemedicine in the United Kingdom.

- December 2006: Editor's Choice Award for Outstanding Achievement in Poetry presented by poetry.com and the International Library of Poetry in the USA.

**REGISTRATIONS**

- Member of Syrian Engineers Syndicate.

- Member of Brunel Research Group for Health Technologies BRiGHT.

- Member of the NHS Health Informatics Community in two special interest groups:

-Health Records and Clinical Coders

-Health Informatics Workforce Development

**PROFESSIONAL COURSES**

2006: Information Systems and Computing Research Methods Course at Brunel University.

2009: Enterprise resource planning (ERP) at Brunel University.

2004: Webmaster Course in the Syrian Pakistani Centre for Information Technology in Damascus.

**HOBBIES & INTERESTS**

-Writing Arabic and English poetry.

-Painting and sculpturing.

-Networking and Social activities.

**REFERENCE**

References are available upon request.