

Curriculum Vitae

Personal Information:

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Education

1998 - 2001	Ph.D. in Biomedical Informatics Engineering, Graduate School, Vanderbilt University. Title: “Design, Development and Evaluation of Asynchronous Learning Networks in Primary Care Medicine: An Application of Biomedical Informatics Engineering Principles in Medical Education”.
1994 -- 1998	MSc, in Biomedical Engineering, Minor in Medical Informatics Department: Biomedical Engineering School of Engineering Vanderbilt University (Nashville, TN) Title: “Building an On-line Third Year Clerkship in Pediatrics: A Model for Asynchronous Learning Networks in Medical Education”.
1986 -- 1991	King Saud University, College of Applied Medical Sciences, Biomedical Technology Dept. (Riyadh, Saudi Arabia)
1983 -- 1986	High School in Saudi Arabia

Experiences:

2003 – 2006	Chairman, Biomedical Technology Department, college of Applied Medical Sciences, King Saud University.
2001- Present	Faculty member of Biomedical Informatics Engineering, Biomedical Instrumentation Technology, College of Applied Medical Sciences, King Saud University, Riyadh, Saudi.
2003 – 2004	Consultant, Computer Department, Ministry of Health, Saudi Arabia
2004 – 2006	Consultant, Deputy Rector for Studies, Development, and Follow-Up, King Saud University, Saudi Arabia
2005 – 2007	Director, Admission Center, King Abdullah Scholarship Program, Ministry of Higher Education.
2002 – 2003	Adjunct Professor of Medical Informatics, Department of Information Systems, College of Computer & Information Sciences, King Saud University.
1999 - 2000	Research Assistant, Division of Biomedical Informatics, Medical Center, Vanderbilt University, USA.
1998 - 2001	Facilitator/instructor for web-based workshops: Creating online courses using HTML, database and advanced multimedia tools.
1998 – 2001	Developer, Net-learning group at Vanderbilt University, USA.
1993 - 1994	King Saud University, College of Applied Medical Sciences (Riyadh, Saudi Arabia), Position: Teaching Assistance Department: Biomedical Instrumentation Technology
1992 - 1993	Aero-Medical Evacuation, Ministry of Defense (Riyadh, Saudi Arabia) Position: Biomedical Engineer Department: Biomedical Engineering
1991 - 1992	King Faisal Specialist Hospital and Research Center (Riyadh, Saudi Arabia) Position: Biomedical Engineer trainee – BME Internship Department: Biomedical Engineering

Attended Conferences

2004	Speaker, Workshop (Elearning in Medical Education), the first scientific conference in medical education in the kingdom, School of Medicine, King Saud University, Riyadh Saudi Arabia
2003	E-document Forum, Saudi Computer Society, Riyadh Saudi Arabia
2003	International Conference on Sensors, Kula Lumpur, Malaysia Member of International advisory Committee.
2002	International Conference on Biomedical Engineering, Kula Lumpur, Malaysia
2001	Network Security in the Internet Age, Nashville, Tennessee.
1998	Annual Conference of the American Medical Informatics Association (AMIA), Orlando, Florida.
1997	Annual Conference of the American Medical Informatics Association (AMIA), Nashville, Tennessee.
1996	Annual meeting of the Association for the Advancement of Medical Instrumentation (AAMI) Philadelphia, Pennsylvania
1995	Annual meeting of Computer in Anesthesiology and Critical Care. Nashville, Tennessee
1995	Annual meeting of the Association for the Advancement of Medical Instrumentation (AAMI) Los Angles, California.

Short Courses and Training

September 2003	Speaker, Uses of computer in Medicine workshops, School of Medicine, King Saud University, Riyadh, Saudi Arabia
June 2002	Advanced training program in Medical Informatics, University of Malaya, Kula Lumpur, Malaysia
July 2002	Intensive Training Program in E-learning, Unitar University, Kula Lumpur, Malaysia

June 2001	SPSS training workshop – three sessions in three weeks
May 2001	SAS Training workshop (data management and analysis package) – four sessions
November 1997	Database applications using Lotus Notes Package.
October 1997	Converting Patient Education resources to web pages
October 1997	Virtual conferencing on the Internet
October 1997	Interactive publications on the World Wide Web.
October 1997	Developing a health system's World Wide Web site.
February 1996	Internet Principles and Applications, Los Angeles, CA
March 1996	Networking Applications at Vanderbilt University

Projects:

1. **Criteria for selecting Hospital Information Systems**, Ministry Of Health, Saudi Arabia
2. **Standards and coding systems for Hospital Information Systems**, Ministry of Health, Saudi Arabia
3. **Knowledge Management Portal for Academic Departments**, King Saud University, Riyadh, Saudi Arabia
4. **Health Information Security**, King Saud University, Riyadh, Saudi Arabia
5. **Web-based Primary Care Medicine Clerkship**, School of Medicine, Vanderbilt University.
6. **Web-based Pediatric Clerkship**, School of Medicine, Vanderbilt University.
7. **Quiz Builder**, Division of Biomedical Informatics, Medical Center, Vanderbilt University.

8. **Outpatient Morning Report**, Division of Biomedical Informatics,
Medical Center, Vanderbilt University.

Field of Interest:

- E-management for hospitals
- Hospital Information Systems
- Telemedicine
- Bioinformatics
- Intelligent Tutoring Systems
- E-learning in Medical Education.

Societies Memberships

- Saudi Computer Society
- American Medical Informatics Association (AMIA)
- Association for the Advancement of Medical Instrumentation (AAMI)
- Asynchronous Learning Networks Center (ALN)
- Center for Innovation in Engineering Education (CIEE)

Scientific Committees

- Chairman, Technical Committee, new building of College of Applied Medical Science, King Saud University, Riyadh, Saudi Arabia.
- International Advisory Committee, International Conference on Sensors, Kuala Lumpur, Malaysia, 2003, 2006.

- Planning and Curriculum Committee, College of Applied Medical Science, King Saud University, Riyadh, Saudi Arabia.
- Computing services committee, College of Applied Medical Science, King Saud University, Riyadh, Saudi Arabia.
- The fifth Strategic Planning, College of Applied Medical Science, King Saud University, Riyadh, Saudi Arabia.
- Strategic planning committee for Information Technology at the university hospitals, King Saud University, Riyadh, Saudi Arabia.
- Strategic planning committee for educational Technology, King Saud University, Riyadh, Saudi Arabia.