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Summary

Amr Jamal, MD, SBFM, ABFM, MRCGP, MBI is a practicing consultant family physician and associate professor of clinical informatics and family medicine at King Saud University in Riyadh, Saudi Arabia. He holds three boards in family practice and a master of biomedical informatics from Oregon Health & Science University in Portland, Oregon. Amr is a core faculty member at the King Saud University, teaching clinical informatics, family medicine, research methodology and medical ethics courses at the colleges of medicine and dentistry. Amr is the program director of the master of Health Informatics in King Saud University since 2012. He was nominated by KSU medical students as "The Professor of the Year" in 2012 and 2014. He contributed in publishing 2 books, 3 book-chapters, 11 original articles, 4 abstracts in the field of clinical informatics, clinical decision support systems, women & child health, professionalism and medical education. He was involved in the planning and implementation of the electronic health records in two healthcare organizations in the country, and the health-sciences content in the Saudi Digital Library (SDL), a national-level project, that aims to increase accessibility of digital information resources in the middle-east. He is mainly interested in how clinicians make decisions with the assistance of technology, and how these decisions can influence healthcare quality.

Appointments

- Mar. 2017 – Now** **Deputy Chairman**
King Saud University (KSU), College of Medicine, Department of Family & Community Medicine, Riyadh
- Oct. 2016 – Now** **Secretary General Consultant**
Saudi Commission for Health Specialties, Riyadh Saudi Arabia
◆ Advisor and team leader for the e-learning development, online CME/CPD accreditation and digital transformation projects
- Oct. 2016 – Now** **Associate Professor of Family Medicine and Clinical Informatics**
King Saud University (KSU), College of Medicine, Department of Family & Community Medicine, Riyadh
- Sep. 2012 – Now** **Program Director, Master of Health Informatics track**
King Saud University (KSU), Master of Public Health Joint program, Riyadh
- Apr. 2012 – Oct. 2015** **Head of Medical Informatics and e-Learning Unit**
King Saud University (KSU), College of Medicine, Department of Medical Education, Riyadh

Oct. 2011 – Now	Certified Family Medicine Trainer and Examiner Saudi Commission for Health Specialties, Saudi Board of Family Medicine
Mar. 2011 – Apr. 2012	Deputy Head of Medical Informatics and e-Learning Unit King Saud University (KSU), College of Medicine, Department of Medical Education, Riyadh
May. 2009 – Oct. 2016	Assistant Professor of Family Medicine and Clinical Informatics King Saud University (KSU), College of Medicine, Department of Family & Community Medicine, Riyadh
Apr. 2009 – Now	Consultant Family Physician King Saud University (KSU), King Khalid University Hospital (KKUH), Primary Care Clinics, Riyadh
Nov. 2008 – Apr. 2009	Senior Registrar Family Physician King Saud University (KSU), King Khalid University Hospital (KKUH), Primary Care Clinics, Riyadh
Oct. 2007 – Sep. 2008	Chief Resident National Guard Health Affairs, King Abdul-Aziz Medical City (KAMC), Department of Family & Primary Health Care (PHC), Riyadh
Jul. 2004 – Sep. 2008	Resident in Family Medicine King Saud University (KSU), College of Medicine, Department of Family & Community Medicine, Riyadh

Leadership, Management and Administrative Experience

Dec. 2014 - Now	Editor Journal of Health Informatics in Developing Countries (JHIDC)
Dec. 2014 - Now	Active Surveyor for health care facilities seeking accreditation Saudi Central Board For Accreditation of Health Care Institutions (CBAHI)
Apr. 2014 – Apr. 2015	Advisor for the Vice-Rectorate for Health Specialties Princess Nora Bint Abdulrahman University, Riyadh
Nov. 2013- Now	Board Member of the Scientific Committee The Saudi National Center for Health Information, Saudi Medical Council, Riyadh
Aug. 2013 – May. 2015	Member of the Medical Advisory Board for the Steering Committee of the Electronic Health Record Implantation Project (e-Sihi) King Saud University Medical City, Riyadh
Dec. 2012 – Now	Representative of the Ministry of Higher Education in the National Electronic Health Record Project Counsel of Health Services, Riyadh
Jan. 2012 – Mar. 2014	Vice Rector Advisor for Health Specialties Advisory Committee, Vice Rectorship for Health Specialties, King Saud University, Riyadh

- Aug. 2011 – Oct. 2013 **Advisor and Trainer for the Medical Content**
Saudi Digital Library (SDL) at National Center for E-Learning & Distance Learning, Ministry of Higher Education, Riyadh
- Feb. 2011 – Mar. 2014 **Leader of the Media and Digital Content Improvement Team**
Charitable Health Society for Patients Care (Enayah), Riyadh
- Jan. 2011 – Mar. 2014 **Chief Information Officer and Peer Reviewer**
The Medical Ethics and Medical Jurisprudence Encyclopedia, Health Media, Riyadh
- Jun. 2016 – Jul. 2016, Feb. 2011 – Mar. 2011, Jun. 2009 – Oct. 2009 **Acting Chairman of Family and Community Medicine Department**
King Saud University (KSU), College of Medicine
- Jun. 2009 – Jun. 2010 **Chief Executive Officer of the Health Promotion TV Chanel**
Sponsored by the Saudi Society of Family and Community Medicine, Dammam, Saudi Arabia
- May. 2009 – Jan. 2010 **Head of the Organizing Committee of The Continuous Professional Development Course**
King Saud University (KSU), College of Medicine in collaboration with the Royal College of General Practitioners (RCGP), UK
- May. 2009 – Now **Research Consultant**
Princess Nora Bint Abdullah Chair for Women's Health, Riyadh
- Apr. 2009 – Now **Research Consultant**
King Saud University Chair for Medical Education Research & Development, Riyadh
- Oct. 2005 – Oct. 2007 **Head of Islamic Guidance Office in the University Hospitals**
King Saud University (KSU), College of Medicine

Education

- Mar. 2012 – June. 2013 **Master of Biomedical Informatics (MBI)**
Oregon Health & Science University (OHSU), Portland, OR, USA
- Jan. 2010 – Mar. 2011 **Graduate Certificate of Medical Informatics – Clinical Track**
Oregon Health & Science University (OHSU), Portland, OR, USA
- July. 2009 – Nov. 2009 **AMIA 10x10 Course (Introduction to Biomedical & Health Informatics)**
Oregon Health & Science University (OHSU), Portland, OR, USA
- Oct. 2004 – Dec. 2008 **Four-Year Structured Residency Training in Family Medicine**
National Guard Health Affairs, King Saud bin Abdul-Aziz University for Health Sciences, King Abdul-Aziz Medical City (KAMC), Academic Affairs, Riyadh
- Oct. 2008 ♦ Best Resident of the Year Award (Oct. 07 – Sep. 08)
- Oct. 2007 – Sep. 2008 ♦ Chief Resident
- Jan. 2007 ♦ Co-examiner in the Introductory Course of family medicine Residency program
- Oct. 2006 – Sep. 2007 ♦ Organizer of the Half Day Release Course (HDRC) for Family Medicine Residents

- Mar. 2005 – Now ✦ Created & moderates National Guard Family Medicine Program (NGFMP) web site & mail group
- Feb. 2005 – ✦ Member of HDRC improvement committee
- Sep. 2008
- Oct. 2004 – ✦ Team Leader of the Half Day Release Course (HDRC) for Family Medicine Residents
- Sep. 2005
- Nov. 2004 – **Bachelor of Law (part-time)**
- Feb. 2009 Imam Muhammad ibn Saud Islamic University, Riyadh
- Jan. 2003 – **Medical Internship**
- Feb. 2004 King Khalid University Hospital (KKUH),
King Abdul-Aziz University Hospital and
National Guard Health Affairs, KAMC, Riyadh
- Apr. 2003 – ✦ CHIEF INTERN
- Feb. 2004
- Jul. 1997 – Jan. 2003 **Bachelor of Medicine and Surgery (MB BS)**
King Saud University (KSU), College of Medicine, Riyadh

Qualifications

- June. 2015 **Master of Biomedical Informatics**
Oregon Health & Science University, Portland, OR, USA
- Dec. 2010 **Graduate Certificate of Clinical Informatics**
Oregon Health & Science University, Portland, OR, USA
- Mar. 2009 **MRCGP (International)**
Royal College of General Practitioners, London, UK
- Mar. 2009 **Bachelor of Law**
Imam Muhammad ibn Saud Islamic University, Riyadh
- Feb. 2009 **Arab Board of Family Medicine (ABFM)**
The Council of Arab Board of Medical Specializations, Damascus, Syria
- Nov. 2008 **Saudi Board of Family Medicine (SBFM)**
Saudi Commission for Health Specialties, Riyadh
- Jan. 2003 **Bachelor of Medicine and Surgery (MBBS)**
King Saud University (KSU), College of Medicine, Riyadh
 - ✦ Comparable to a degree of Doctor of Medicine (MD) in North America according to the evaluation of my educational credentials by the American Association of Collegiate Registrars and Admissions Officers (AACRAO)

Honors & Awards

- Nov. 2015 **National Research Grant as a Principal Investigator**
National Science, Technology and Innovation Plant, King Abdul-Aziz City for Science and Technology, Riyadh
 - ✦ Research Project 15-BIO4749-02 titled "Effects of electronic media and electronic games on children on Saudi Arabia"
- Feb. 2013 **Distinguished Faculty Award - Outstanding Teaching**
King Saud University, College of Medicine

- Dec. 2012 Outstanding contribution in preparing and passing the accreditation from the American College of Surgeons Level One Comprehensive Education Institute
King Saud University, College of Medicine
- May. 2009 The Representative of all Saudi Family Medicine Board Graduates to in front of the King of Saudi Arabia, King Abdullah bin Abdul-Aziz Al-Saud
Saudi Commission for Health Specialties, Riyadh
✦ During the 12th graduation ceremony of the Saudi Board
- Oct. 2008 Resident of the Year 2007-2008
King Saud bin Abdul-Aziz University for Health Sciences, KAMC, Riyadh
- Oct. 2008 Best Post-Graduate Research Award
King Saud bin Abdul-Aziz University for Health Sciences, KAMC, Riyadh
✦ During the 11th Residents' day Symposium
- Sep. 2007 Appreciation of High HDRC Attendance (100%)
Dr. Khalid Al-Jaber, Residency Training Program Director, Department of Family Medicine & PHC, KAMC
✦ For the academic year Oct. 06- Sep. 07
- Feb. 2005 Certificate of Recognition - The best Presentation in the introductory course of family medicine program
King Abdul-Aziz Medical City, Health Care Specialty Center, Riyadh
- Feb. 2004 Certificate of Appreciation
Prof. Riyadh F. Talic, Chairman, Department of Surgery, College of Medicine, KSU
✦ For obtaining an EXCELLENT report from my supervisors during internship training.
- Jul. 2003 Certificate of Gratitude and Recognition for sports activities participation
Prof. Mohammed Al-Mugeirin, Dean, College of Medicine & Supervisor, University Hospitals, KSU

Publications

Updated list is available at https://www.researchgate.net/profile/Amr_Jamal

Peer-reviewed Papers

1. Jamal A, Alrajhi A, Aldubaib A, et al. Effect of discussing Framingham risk score on smoke cessation: pilot randomized clinical trial. International Journal of Advanced Research 2016;4(12):2697-702. doi: 10.21474/IJAR01/2695. <http://www.journalijar.com/article/13875/>
2. AlFaris E, Irfan F, Qureshi R, Naeem N, Alshomrani A, Ponnampuruma G, Jamal A, et al. Health professions' students have an alarming prevalence of depressive symptoms: exploration of the associated factors. BMC Med Educ. 2016;16(1):279. doi: 10.1186/s12909-016-0794-y. <https://www.ncbi.nlm.nih.gov/pubmed/27769235>
3. Bukhari EE, Tamsah MH, Aleyadhy AA, Alrabiaa AA, Alhboob AA, Jamal AA, et al. Middle East respiratory syndrome coronavirus (MERS-CoV) outbreak perceptions of risk and stress evaluation in nurses. J Infect Dev Ctries. 2016;10(8):845-50. PMID: 27580330. doi: 10.3855/jidc.6925. <https://www.ncbi.nlm.nih.gov/pubmed/27580330>
4. Househ M, Hossain N, Jamal A, Zakaria N, Elmetwally A, Alsalamah M, et al. A cross-sectional content analysis of Android applications for asthma. Health Informatics J. 2016 March 3, 2016. doi: 10.1177/1460458215627289. <https://www.ncbi.nlm.nih.gov/pubmed/26940137>
5. Jamal A, Tamsah M-H, Khan SA, Al-Eyadhy A, Koppel C, Chiang M. Smartphone use among medical residents: a cross sectional multicenter survey in Saudi Arabia. JMIR Mhealth Uhealth. 2015. <https://www.ncbi.nlm.nih.gov/pubmed/27197618>

6. Househ MS, Shubair MM, Yunus F, Jamal A, Aldossari B. The use of an adapted health IT usability evaluation model (Health-ITUEM) for evaluating consumer reported ratings of diabetes mHealth applications: implications for diabetes care and management. *Acta Inform Med*. 2015 Oct;23(5):290-5. PMID: 26635437. doi: 10.5455/aim.2015.23.290-295. <https://www.ncbi.nlm.nih.gov/pubmed/26635437>
7. Jamal A, Khan SA, AlHumud A, Al-Duhyim A, Alrashed M, Bin Shabr F, et al. Association of Online Health Information-Seeking Behavior and Self-Care Activities Among Type 2 Diabetic Patients in Saudi Arabia. *J Med Internet Res*. 2015;17(8):e196. PMID: 26268425. doi: 10.2196/jmir.4312. <https://www.ncbi.nlm.nih.gov/pubmed/26268425>
8. Alsadan M, El Metwally A, Ali A, Jamal A, Khalifa M, Househ M. Health information technology (HIT) in Arab countries: a systematic review study on HIT progress. *J Health Inform Dev Ctries*. 2015 June 1;9(2):32-49. <http://www.jhidc.org/index.php/jhidc/article/viewFile/138/187>
9. Alquaiz AM, Kazi A, Qureshi R, Siddiqui AR, Jamal A, Shaik SA. Correlates of cardiovascular disease risk scores in women in Riyadh, Kingdom of Saudi Arabia. *Women Health*. 2015;55(1):103-17. PMID: 25569108. doi: 10.1080/03630242.2014.972020. <https://www.ncbi.nlm.nih.gov/pubmed/25569108>
10. Al Faris EA, Naeem N, McAleer S, Qureshi R, Van der Vleuten C, Irfan F, Jamal A, et al. Why a teacher centered medical school curriculum may result in a poor educational environment. *J Contemp Med Edu*. 2014;2(2):85-90. <http://www.scopemed.org/?mno=48945>
11. Al-Faris H, Al-Faris H, Al-Faris E, Naghma N, Jamal A, Alquaiz AM, et al. A history of childhood maltreatment among spouses predicts violence against women. *Ann Saudi Med*. 2013;33(6):595-600. <https://www.ncbi.nlm.nih.gov/pubmed/24413865>
12. Zakaria N, Jamal A, Bisht S, Koppel C. Embedding a learning management system into an undergraduate medical informatics course in Saudi Arabia: lessons learned. *Medicine*. 2013;2(2):e13. <https://www.ncbi.nlm.nih.gov/pubmed/25075236>
13. Tamim H, Hejaili F, Jamal A, Al Shamsi H, Al Sayyari A. Professional Boundary Ethics Attitudes and Awareness Among Nurses and Physicians in a University Hospital in the Kingdom of Saudi Arabia. *Ethics & Behavior*. 2010;20(1):21-32. <http://www.tandfonline.com/doi/abs/10.1080/10508420903482475>
14. Jamal A. Perception of physicians regarding the prevalence of unprofessional behavior among their colleagues in a tertiary care hospital in Saudi Arabia. *Journal of Taibah University Medical Sciences*. 2009;4(1):94-107. <http://www.sciencedirect.com/science/article/pii/S165836120970085X>

Books

1. AlQuaiz A, Jamal A, Siddiqui A, Fouda Neel M, Habeeb F, AlMuneef M, et al. Women's health in Saudi Arabia: a changing pattern: Princess Nora bint Abdullah chair For women's health research; King Saud University; 2014.
2. Jamal A. Physicians' perception toward elements of professionalism in Saudi: LAP LAMBERT Academic Publishing; 2014. <https://www.amazon.com/Physicians-perception-toward-elements-professionalism/dp/3659527688>

Book Chapters

1. Househ M, Alshammari R, Almutairi M, Jamal A, Alshoib S. Building a Culture of Health Informatics Innovation and Entrepreneurship: A New Frontier. *Stud Health Technol Inform* 2015. p. 237-40.
2. Alajmi D, Khalifa M, Jamal A, Zakaria N, Alomran S, El-Metwally A, et al. The Role and Use of Telemedicine by Physicians in Developing Countries: A Case Report from Saudi Arabia. *Transforming Public Health in Developing Nations*: IGI Global; 2015. p. 293.

Abstracts

1. Amer YSAD, Jamal A, Baksh M, Aljonaieh K, editors. Assessment of the readiness to implement a computerized provider order entry (CPOE) system: a pilot study from king Saud university medical city. *ISQua*; 2015; Doha, Qatar.
2. Jamal A, Khan SA, AlHumud A, Al-Duhyim A, Alrashed M, Shabr FB, et al., editors. The impact of online health information seeking behavior on self-care activities among adult diabetic type-2 patients. *Medicine 20'14 Europe* (Malaga, Spain); 2014: JMIR Publications Inc.

3. Zakaria N, Jamal A, Bisht S, Koppel C. Embedding a learning management system into an undergraduate medical informatics course in Saudi Arabia: lessons learned. *Medicine* 20. 2013;2(2):e13.

Professional Affiliations & Memberships

Mar. 11 – Now	Founding Chairman – Riyadh Club of Clinical Informatics, Riyadh
Feb. 11 – Now	Member – Saudi Hypertension Management Society (SHMS), Riyadh
Jan. 11 – Now	Member – Charitable Health Society for Patients Care (Enayah), Riyadh
Jan. 11 – Now	Founding Member – Saudi Society of Medical Juridical Studies, Riyadh
May. 09 – Now	Member – American Medical Informatics Association, Bethesda, Maryland
May. 09 – Now	Member – King Saud University Research Chair for Women Health, Riyadh
May. 09 – Now	Member – King Saud University Health Promotion Committee, Riyadh
May. 09 – Now	Administrative Board Member - Saudi Family & Community Medicine Society, Riyadh Office
Apr. 09 – Now	Member – King Saud University Chair for Medical Education Research & Development, Riyadh
Mar. 09 – Now	Founding Member - Saudi Society of Evidenced Based Medicine, Riyadh
Feb. 09 – Now	Direct Member - World Organization of Family Doctors (WONCA), Singapore
Nov. 08 – Now	Member - Saudi Society of Medical Education, Abha, Saudi Arabia
Nov. 08 – Now	Founding Member - Riyadh Medical Education Club, Riyadh
Sep. 08 – Now	International Member - American Academy of Family Physicians (AAFP), USA
Jul. 08 – Now	Member - The National Family Safety Program (NFSP), Riyadh
Jun. 06 – Now	Member - Saudi Federation of Sport Medicine, Riyadh
May 06 – Now	Member - Saudi Association for Health Informatics (SAHI), Riyadh
Sep. 04 – Now	Member - Riyadh Medical Ethics Club, Riyadh
Aug. 04 – Now	Member - Saudi Family & Community Medicine Society, Dammam, Saudi Arabia
Aug. 03 – Now	Member - Saudi Ophthalmologic Society (SOS), Riyadh
Aug. 96 – Jul. 03	Member - King Saud University Medical Students Committee, Riyadh