

# CURRICULUM VITAE

## A. Personal information

Name: Mohammed Saeed M Alqahtani  
Nationality: Saudi  
Telephones: +966505747401  
Email: [mosalqhtani@kku.edu.sa](mailto:mosalqhtani@kku.edu.sa)



Work address: King Khalid University (KKU),  
Office: +966(01)72417177  
Southern Province, Abha City, Kingdom of Saudi Arabia  
Post code: 3665 / Zip code: 61481

## B. Research statement

My research interests focus on assessing gamma imaging technologies and the assessment of novel X-ray and gamma ray detectors used for surgical purposes. My masters' project has been focused on the impact of small field of view gamma imaging technologies on the diagnosis and management of breast cancer. During my PhD course, I have assessed a novel small field of view hybrid gamma camera (HGC) designed and developed at the University of Leicester. My research work involved prototyping and implementing in-house built medical phantoms to assess the capability of the HGC in detecting potential abnormalities in the human body. I have been an active member of the BioImaging Unit research team, I was heavily involved in testing the HGC in clinical settings. I have conducted various advanced nuclear medicine scanning procedures on patients recruited across two sites in Nottingham, UK (i.e. Queen Medical Centre and Nottingham City Hospital).

Moreover, I have a strong scientific background in medical imaging processing, Monte-Carlo simulation codes, Artificial Intelligence methods for artefact analysis in medical imaging field. My research directions include designing and implementing novel automated systems for abnormalities' detection and evaluation based on the medical imaging datasets and technologies. Furthermore, I am actively exploring and conducting various experimental and computational research work including the potential of using glass technologies and novel nanocomposites in various clinical and health applications including medical imaging and radiological sciences applications. I am keen to adopt and experiment latest biomedical technologies contribute to the health care advancement.

## C. Education

- |   |                                   |  |
|---|-----------------------------------|--|
| 1. <b>PhD</b> in Medical Physics<br>Thesis title: Assessment of a novel small field of view medical hybrid gamma camera | 2014/2018                         | Faculty of Engineering and Physical Sciences, University of Leicester, Leicester, UK       |
| 2. <b>MSc</b> in Medical Physics  | 2012/2013<br><b>(Distinction)</b> | Faculty of Engineering and Physical Sciences, University of Surrey, Guildford, UK          |
| 3. <b>BSc</b> in Radiological Sciences  | 2006/2011<br><b>First Class</b>   | Faculty of Applied Medical Sciences, King Khalid University, Abha, Kingdom of Saudi Arabia |

## D. Employment

- |                        |             |  |
|------------------------|-------------|--|
| 1. Associate Professor | 2023 - Now  | Department of Radiological Sciences,   |
| 2. Assistant Professor | 2019 - Now  | Faculty of Applied Medical Sciences, King Khalid University, Abha, Kingdom of Saudi Arabia |
| 3. Lecturer            | 2014 - 2019 | Kingdom of Saudi Arabia  |
| 4. Teaching Assistant  | 2011 - 2014 |  |

## E. Academic and medical positions and activities

- **Vice-Dean of the Scientific Research Deanship**, King Khalid University, Kingdom of Saudi Arabia, since May 2021 till now.
- **Part-time Consultant**, Abha Private Hospital, Abha city, Kingdom of Saudi Arabia, March 2021 to August 2021.
- **Director of the Oncology Centre**, Abha Private Hospital, Abha city, Kingdom of Saudi Arabia, since August 2021 till now.
- I have been awarded an **Honorary Visiting Lecturer** position at the University of Leicester (BioImaging Research Unit), UK, since April 2018 till now.
- I am an **active reviewer at the British Journal of Radiology** (British Institute of Radiology), UK, since May 2018 till now.

- **A member** of the Standing Committee of Radiation and Nuclear Protection at King Khalid University, KSA, since January 2020 till now.
- **A member** of the Central Laboratory Organizing Committee at King Khalid University, KSA, since May 2021 till now.
- **A member** of the Council of the Scientific Research Deanship at King Khalid University, KSA, since May 2021 till now.
- **The head of the Technical and Financial Committee** in the Scientific Research Deanship at King Khalid University since September 2021 till now.
- **A member** of the Supervisory Committee in the Scientific Research Deanship at King Khalid University since September 2021 till now.
- **A member** of the Scientific Research Committee in the Faculty of Applied Medical Sciences at King Khalid University since September 2019 till now.
- **A member** of the Development and Quality Committee in the Faculty of Applied Medical Sciences at King Khalid University since September 2019 till now.
- **A member** of the Postgraduate Studies Committee in the Faculty of Applied Medical Sciences at King Khalid University since September 2019 till now.
- **A member** of the Internship Committee in the Faculty of Applied Medical Sciences at King Khalid University since September 2021 till now.
- **A member** of the Board of the Radiological Sciences Department, King Khalid University, KSA, since April 2019 till now.
- **The head of the Postgraduate Studies and Scientific Research Committee**, Radiological Sciences Department, King Khalid University, KSA, since April 2019 till now.
- **A member** of the Educational Services Committee, Radiological Sciences Department, King Khalid University, KSA, since April 2019 till now.
- **A member** of Plans and Curriculums Committee, Radiological Sciences Department, King Khalid University, KSA, since April 2019 till now.
- **A member** of the KKU working team for the project of Aseer development Strategy and KKU strategy alignment, King Khalid University, KSA, since January 2022 till now.
- **A member** of Technical Evaluation of Central Laboratories' New Equipment Committee, King Khalid University, KSA, since June 2022 till now
- **Executive Board Member**, Saudi Universities Affairs Council decisions follow up, King Khalid University, KSA, since September 2022 till now
- **A member** of Postgraduate Studies and Centers Committee, Saudi Universities Affairs Council decisions follow up, King Khalid University, KSA, since September 2022 till now

## F. Publications

1. Roy A, Pandit C, Gacem A, **Alqahtani M**, Bilal M, Islam S, Hossain M, Jameel M (2022) Biologically Derived Gold Nanoparticles and Their Applications. *Bioinorganic Chemistry and Applications* 2022:1-13
2. Velhal K, Barage S, Roy A, Lakkakula J, Yamgar R, **Alqahtani M**, Yadav K, Ahn Y, Jeon B (2022) A Promising Review on Cyclodextrin Conjugated Paclitaxel Nanoparticles for Cancer Treatment. *Polymers* 14:3162
3. Thalluri C, Amin R, Mandhadi J et al (2022) Central Composite Designed Fast Dissolving Tablets for Improved Solubility of the Loaded Drug Ondansetron Hydrochloride. *BioMed Research International* 2022:1-13
4. Charfi B, Damak K, Maâlej R, **Alqahtani M**, Hussein K, Alshehri A, Hussain A, Burtan-Gwizdala B, Reben M, Yousef E (2022) Enhancement of Optical Telecommunication Bands: Pr<sup>3+</sup>-Doped Halide Phosphate Glasses Display Broadband NIR Photoluminescence Emission. *Materials* 15:6518
5. Jayaprakash S, Hegde M, Girisa S, **Alqahtani M**, Abbas M, Lee E, Yap K, Sethi G, Kumar A, Kunnumakkara A (2022) Demystifying the Functional Role of Nuclear Receptors in Esophageal Cancer. *International Journal of Molecular Sciences* 23:10952
6. Arunkumar S, Evangelin Teresa P, Marimuthu K, Bassam S, James Silvia D, Issa S, Almisned G, Tekin H, **Alqahtani M**, Yousef E (2022) Scrutinizing the physical, structural, elastic, optical and gamma ray shielding properties of Samarium ions infused Niobium Bariumtelluroborate glasses. *Radiation Physics and Chemistry* 202:110510
7. Hanfi M, Sakr A, Ismail A, Atia B, **Alqahtani M**, Mahmoud K (2022) Physical characterization and radiation shielding features of B<sub>2</sub>O<sub>3</sub>As<sub>2</sub>O<sub>3</sub> glass ceramic. *Nuclear Engineering and Technology*. doi: 10.1016/j.net.2022.09.006
8. Sajeev A, Hegde M, Girisa S, Devanarayanan T, **Alqahtani M**, Abbas M, Sil S, Sethi G, Chen J, Kunnumakkara A (2022) Oroxylin A: A Promising Flavonoid for Prevention and Treatment of Chronic Diseases. *Biomolecules* 12:1185
9. Shalaby R, Al-Mohiy H, **Alqahtani M**, Alshihri A, Saad M (2022) The influence of antimony additive on structural, mechanical, and nuclear radiation shielding parameters of rapidly quenched Pb-Sn binary alloy. *Radiation Effects and Defects in Solids* 1-16
10. Elkhoshkhany N, Marzouk S, El-Sherbiny M, Ibrahim H, Burtan-Gwizdala B, **Alqahtani M**, Hussien K, Reben M, Yousef E (2022) Investigation of Structural,

Physical, and Attenuation Parameters of Glass: TeO<sub>2</sub>-Bi<sub>2</sub>O<sub>3</sub>-B<sub>2</sub>O<sub>3</sub>-TiO<sub>2</sub>-RE<sub>2</sub>O<sub>3</sub> (RE: La, Ce, Sm, Er, and Yb), and Applications Thereof. *Materials* 15:5393

11. Hanfi M, Abdel Gawad A, Ali K, Abu-Donia A, Alsafi K, Khafaji M, Albahiti S, **Alqahtani M**, Khalil M, Abdel Wahed A (2022) Environmental risk assessment associated with acidic volcanics in Egypt. *Applied Radiation and Isotopes* 188:110413
12. AlAbdulaal T, Almoadi A, Yahia I, Zahra H, **Alqahtani M**, Yousef E, Hussein K, Jalalah M, Harraz F, Al-Assiri M (2022) High optical performance of Gd<sub>2</sub>O<sub>3</sub>-doped PVA/PVP composite films for electronic and laser CUT-OFF filters. *Optik* 268:169741
13. Ahmad G, Shafiullah, Fatima H, Abbas M, Rahman O, Imdadullah, **Alqahtani M** (2022) Mixed Machine Learning Approach for Efficient Prediction of Human Heart Disease by Identifying the Numerical and Categorical Features. *Applied Sciences* 12:7449
14. Sahoo O, Pethusamy K, Srivastava T, Talukdar J, **Alqahtani M**, Abbas M, Dhar R, Karmakar S (2022) The metabolic addiction of cancer stem cells. *Frontiers in Oncology*. doi: 10.3389/fonc.2022.955892
15. **Alqahtani M**, Abbas M, Abdulmuqet M, Alqahtani A, Alshahrani M, Alsabaani A, Ramalingam M (2022) Forecasting the Post-Pandemic Effects of the SARS-CoV-2 Virus Using the Bullwhip Phenomenon Alongside Use of Nanosensors for Disease Containment and Cure. *Materials* 15:5078
16. Hussein K, **Alqahtani M**, Alzahrani K, Zahran H, Alshehri A, Yahia I, Reben M, Yousef E (2022) The Investigation of New Phosphate-Titanite Glasses According to Optical, Physical, and Shielding Properties. *Crystals* 12:941
17. Khatoun E, Parama D, Kumar A, **Alqahtani M**, Abbas M, Girisa S, Sethi G, Kunnumakkara A (2022) Targeting PD-1/PD-L1 axis as new horizon for ovarian cancer therapy. *Life Sciences* 306:120827
18. Akgül E, Akgül A, Jamshed W, Rehman Z, Nisar K, **Alqahtani M**, Abbas M (2022) Analysis of respiratory mechanics models with different kernels. *Open Physics* 20:609-615
19. Charfi B, Damak K, **Alqahtani M**, Hussein K, Alshehri A, Elkhoshkhany N, Assiri A, Alshehri K, Reben M, Yousef E (2022) Luminescence and Gamma Spectroscopy of Phosphate Glass Doped with Nd<sup>3+</sup>/Yb<sup>3+</sup> and Their Multifunctional Applications. *Photonics* 9:406
20. Hussein K, Alqahtani F, **Alqahtani M**, Alzahrani K, Zahran H, Alshehri A, Yahia I, Reben M, Alqahtani A, Yousef E (2022) Optical and radiation shielding properties for novel glass material: TeO<sub>2</sub>/Nb<sub>2</sub>O<sub>5</sub>/Ta<sub>2</sub>O<sub>5</sub>/La<sub>2</sub>O<sub>3</sub>. *Chalcogenide Letters* 19:417-427

21. Shoaib M, Tabassum R, Raja M, Nisar K, **Alqahtani M**, Abbas M (2022) A design of predictive computational network for transmission model of Lassa fever in Nigeria. *Results in Physics* 39:105713
22. Ahmed M, Awwad N, Ibrahim H, Mostafa M, **Alqahtani M**, El-Morsy M (2022) Hydroxyapatite and Er<sub>2</sub>O<sub>3</sub> are embedded within graphene oxide nanosheets for high improvement of their hardness and biological responses. *Journal of Inorganic and Organometallic Polymers and Materials* 32:2123-2134
23. Asnag G, Awwad N, Ibrahim H, Moustapha M, **Alqahtani M**, Menazea A (2022) One-Pot Pulsed Laser Ablation Route Assisted Molybdenum Trioxide Nano-Belts Doped in PVA/CMC Blend for the Optical and Electrical Properties Enhancement. *Journal of Inorganic and Organometallic Polymers and Materials* 32:2056-2064
24. Taqui S, Syed U, Syed R, **Alqahtani M**, Abbas M, Syed A (2022) Bioremediation of Textile Industrial Effluents Using Nutraceutical Industrial Spent: Laboratory-Scale Demonstration of Circular Economy. *Nanomaterials* 12:1684
25. Tashlykov O, **Alqahtani M**, Mahmoud K (2022) The role of natural rock filler in optimizing the radiation protection capacity of the intermediate-level radioactive waste containers. *Nuclear Engineering and Technology* 54:3849-3854
26. Menazea A, Awwad N, Ibrahim H, Alharbi K, **Alqahtani M** (2022) Titanium doping effect on the sensing performance of ZnO nanosheets toward phosgene gas. *Physica Scripta* 97:055816
27. Saad M, AlMohiy H, **Alqahtani M**, Alshihri A, Shalaby R (2022) Study of structural, physical, characteristics and radiation shielding parameters of Bi<sub>50</sub>-Pb<sub>40</sub>-Sn<sub>10</sub> and Bi<sub>40</sub>-Pb<sub>40</sub>-Sn<sub>10</sub>-Cd<sub>10</sub> alloys used for radiation therapy. *Radiation Effects and Defects in Solids* 177:545-555
28. Hussein K, **Alqahtani M**, Meshawi A, Alzahrani K, Zahran H, Alshehri A, Yahia I, Reben M, Yousef E (2022) Evaluation of the Radiation Shielding Properties of a Tellurite Glass System Modified with Sodium Oxide. *Materials* 15:3172
29. Alzuhair A, **Alqahtani M**, Alkulib A, Hussein K, Reben M, Yousef E (2022) Structural and shielding properties of the tellurite-tungsten glass matrix with addition zinc fluoride. *Chalcogenide Letters* 19:187-195
30. Alqahtani A, **Alqahtani M**, Hussein K, Alkulib A, Alqahtani F, Elkhoshkhany N, Yahia I, Reben M, Yousef E (2022) Study of ionizing radiation attenuation of glass as: gamma rays shielding material. *Chalcogenide Letters* 19:227-239
31. Menazea A, Awwad N, Ibrahim H, Derakh M, **Alqahtani M** (2022) DNA Nucleobase Interaction with Silicon Carbide Nanosheet. *Silicon*. doi: 10.1007/s12633-022-01781-w

32. Zahran H., Mohammed M., Sayed Yousef E., **Alqahtani M. S.** et al (2022) Radiation attenuation properties of the quaternary semiconducting compounds  $Cu_2CoGe[S, Se, Te]_4$ . Results in Physics 37:105488
33. Parama D, Girisa S, Khatoon E, Kumar A, **Alqahtani M**, Abbas M, Sethi G, Kunnumakkara A (2022) An overview of the pharmacological activities of scopoletin against different chronic diseases. Pharmacological Research 179:106202
34. Jose S, Devi S, Sajeev A, Girisa S, **Alqahtani M**, Abbas M, Alshammari A, Sethi G, Kunnumakkara A (2022) Repurposing FDA Approved Drugs as FXR Agonists: A Structure Based in silico Pharmacological Study. Bioscience Reports. doi: 10.1042/bsr20212791
35. Gangwar S, Kumar A, Jose S, **Alqahtani M**, Abbas M, Sethi G, Kunnumakkara A (2022) Nuclear receptors in oral cancer-Emerging players in tumorigenesis. Cancer Letters 536:215666
36. Hussein K, Al-Syadi A, **Alqahtani M**, Elkhoshkhany N, Algarni H, Reben M, Yousef E (2022) Thermal Stability, Optical Properties, and Gamma Shielding Properties of Tellurite Glass Modified with Potassium Chloride. Materials 15:2403
37. **Alqahtani M**, Abbas M, Alsabaani A, Alqarni A, Almohiy H, Alsawqae E, Alshahrani R, Alshahrani S (2022) The Potential Impact of COVID-19 Virus on the Heart and the Circulatory System. Infection and Drug Resistance Volume 15:1175-1189
38. Wang F, Kumar R, Prasannakumara B, Khan U, Zaib A, Abdel-Aty A, Yahia I, **Alqahtani M**, Galal A (2022) Aspects of Uniform Horizontal Magnetic Field and Nanoparticle Aggregation in the Flow of Nanofluid with Melting Heat Transfer. Nanomaterials 12:1000
39. Yu Y, Madhukesh J, Khan U, Zaib A, Abdel-Aty A, Yahia I, **Alqahtani M**, Wang F, Galal A (2022) Nanoparticle Aggregation and Thermophoretic Particle Deposition Process in the Flow of Micropolar Nanofluid over a Stretching Sheet. Nanomaterials 12:977
40. Arivazhagan S, Naseer K, Mahmoud K, Arun Kumar K, Libeesh N, Sayyed M, **Alqahtani M**, Yousef E, Khandaker M (2022) Gamma-ray protection capacity evaluation and satellite data based mapping for the limestone, charnockite, and gneiss rocks in the Sirugudi taluk of the Dindigul district, India. Radiation Physics and Chemistry 196:110108
41. Alqahtani F, Alzuhair A, Mohamed S, Zahran H, **Alqahtani M**, Hussein K, Alshehri A, Yahia I, Reben M, Yousef E (2022) Correlation of physical parameters features with optical and radiation shielding properties of heavy glass. Radiation Physics and Chemistry 196:110098

42. Hussein K, Alzuhair A, **Alqahtani M**, Meshawi A, Alhifzi R, Yahia I, Zahran H, Alqahtani F, Reben M, Yousef E (2022) Optical properties and novelty preparation PVA/PVP doping with Cu as surface plasmonic ions. *Optik* 259:168965
43. Hussein K, **Alqahtani M**, Alzahrani K, Alqahtani F, Zahran H, Alshehri A, Yahia I, Reben M, Yousef E (2022) The Effect of ZnO, MgO, TiO<sub>2</sub>, and Na<sub>2</sub>O Modifiers on the Physical, Optical, and Radiation Shielding Properties of a TeTaNb Glass System. *Materials* 15:1844
44. Zahran H, Yousef E, **Alqahtani M**, Reben M, Algarni H, Umar A, Albargi H, Yahia I, Sabry N (2022) Analysis of the Radiation Attenuation Parameters of Cu<sub>2</sub>HgI<sub>4</sub>, Ag<sub>2</sub>HgI<sub>4</sub>, and (Cu/Ag/Hg I) Semiconductor Compounds. *Crystals* 12:276
45. El-Morsy M, Afifi M, Ahmed M, Awwad N, Ibrahim H, **Alqahtani M** (2022) Electrospun nanofibrous scaffolds of polycaprolactone containing binary ions of Pd/vanadate doped hydroxyapatite for biomedical applications. *Journal of Drug Delivery Science and Technology* 70:103153
46. Libeesh N, Naseer K, Arivazhagan S, Mahmoud K, Sayyed M, **Alqahtani M**, Yousef E (2022) Multispectral remote sensing for determination the Ultra-mafic complexes distribution and their applications in reducing the equivalent dose from the radioactive wastes. *The European Physical Journal Plus*. doi: 10.1140/epjp/s13360-022-02473-5
47. Libeesh N, Naseer K, Mahmoud K, Sayyed M, Arivazhagan S, **Alqahtani M**, Yousef E, Khandaker M (2022) Applicability of the multispectral remote sensing on determining the natural rock complexes distribution and their evaluability on the radiation protection applications. *Radiation Physics and Chemistry* 193:110004
48. Saffar N, Damak K, Charfi B, Algarni H, **Alqahtani M**, Alshari A, Reben M, Abd-Rabboh H, Yousef E (2022) Characterization of oxyfluoride glasses doped with rare-earth ions through structural, thermal, and optical application thereof. *Results in Physics* 34:105255
49. Sabry N, Yousef E, **Alqahtani M**, Reben M, Algarni H, Umar A, Albargi H, Yahia I, Zahran H (2022) Gamma-ray attenuation properties and fast neutron removal cross-section of Cu<sub>2</sub>CdSn<sub>3</sub>S<sub>8</sub> and binary sulfide compounds (Cu/Cd/Sn S) using phy-X/PSD software. *Radiation Physics and Chemistry* 193:109989
50. Ahmad I, Ilyas H, Raja M, Cheema T, Sajid H, Nisar K, Shoaib M, **Alqahtani M**, Saleel C, Abbas M (2022) Intelligent computing based supervised learning for solving nonlinear system of malaria endemic model. *AIMS Mathematics* 7:20341-20369
51. **Alqahtani M.S**, Hussein K, Afifi H, Reben M, Grelowska I, Zahran H et al. Optical and radiation shielding characteristics of tellurite glass doped with different rare-earth oxides. *Journal of X-Ray Science and Technology*. 2022;30(2):293-305.



52. Abbas, M.; **Alqahtani, M.S.** The Potential Role of Nano-medication Delivery Systems un the Treatment of Rectal Cancer. *Processes* 2021, 9(12), 2172.
53. Abbas, M., **Alqahtani, M.S.**, Almohiy, H.M., Alqahtani, F.F., Alhifzi, R., Jambi, L.K. The Potential Contribution of Biopolymeric Particles in Lung Tissue Regeneration of COVID-19 Patients. *Polymers* 2021, 13, 4011.
54. A. M. Al-Syadi, M. Alfarh, H. Algarni, **M. S. Alqahtani**, M. Reben, H. Afifig, El Sayed Yousef. Investigation of the structural and magnetic properties of TeO<sub>2</sub>- based glasses modified by rare earth (La<sub>2</sub>O<sub>3</sub>, Gd<sub>2</sub>O<sub>3</sub>, Er<sub>2</sub>O<sub>3</sub>, and Ho<sub>2</sub>O<sub>3</sub>) using as an optical. *Chalcogenide Letters*. Vol. 18, No. 9, September 2021, p. 541 - 547; p. 513-523.
55. Elkhoshkhany N, Marzouk S, El-Sherbiny M, Atef M, Damak K, **Alqahtani M** et al. Spectroscopic properties in simple cost glasses with alkaline oxides doped with Sm<sub>2</sub>O<sub>3</sub> for display laser emission. *Results in Physics*. 2021; 31:104955.
56. **Alqahtani M**, Abbas M, Alqahtani A, Alshahrani M, Alkulib A, Alelyani M et al. A Novel Multicolour-thresholding Auto-detection Method to Detect the Location and Severity of Inflammation in Confirmed SARS-COV-2 Cases Using Chest X-ray Images. *Current Medical Imaging Formerly Current Medical Imaging Reviews*. 2021;17.
57. A. M. Alqahtani, **M. S. Alqahtani**, K. I. Hussein, A. J. Alkulib, F.F. Alqahtani, E. Yousef. Radiation protection assessment of gamma photons in 64TeO<sub>2</sub>-10WO<sub>3</sub>-10Nb<sub>2</sub>O<sub>5</sub>-15KF-1La<sub>2</sub>O<sub>3</sub> glasses doped with Tm<sub>2</sub>O<sub>3</sub> using photon-shielding and dosimetry software. *Chalcogenide Letters*. 2021; p. 513-523.
58. Elshiekh E, Almohiy H, **Alqahani M**, Hussein K, Alshahrani M, Saad M. Estimating reference dose measurements during common computed tomographic procedures. *King Khalid University Journal of Health Sciences*. 2020;5(2):76.
59. Qaid T, Mazaar H, Al-Shamri M, **Alqahtani M**, Raweh A, Alakwaa W. Hybrid Deep-Learning and Machine-Learning Models for Predicting COVID-19. *Computational Intelligence and Neuroscience*. 2021; 2021:1-11.
60. Elkhoshkhany N, Marzouk S, El-Sherbiny M, Anwer H, **Alqahtani M**, Algarni H et al. Investigation of structural and luminescence properties of borosilicate glass doped with Dy<sub>2</sub>O<sub>3</sub>. *Results in Physics*. 2021; 27:104544.
61. Hussein K, **Alqahtani M**, Algarni H, Zahran H, Yaha I, Grelowska I et al. MIKE: a new computational tool for investigating radiation, optical and physical properties of prototyped shielding materials. *Journal of Instrumentation*. 2021;16(07): T07004.
62. Alelyani M, Alamri S, **Alqahtani M**, Musa A, Almater H, Alqahtani N et al. Radiology Community Attitude in Saudi Arabia about the Applications of Artificial Intelligence in Radiology. *Healthcare*. 2021;9(7):834.

63. Qaid T, Mazaar H, **Alqahtani M**, Raweh A, Alakwaa W. Deep sequence modelling for predicting COVID-19 mRNA vaccine degradation. *PeerJ Computer Science*. 2021;7:e597.
64. **Alqahtani M**, Abbas M, Alqahtani A, Alshahrani M, Alkulib A, Alelyani M et al. A Novel Computational Model for Detecting the Severity of Inflammation in Confirmed COVID-19 Patients Using Chest X-ray Images. *Diagnostics*. 2021;11(5):855.
65. Alelyani M, **Alqahtani M**, Alamri S, Alghamdi A, Alghamdi A, Asiri A et al. Saudi Arabian Health Workers' Perception and Attitudes Toward Magnetic Resonance Imaging Safety. *Journal of Radiology Nursing*. 2021;40(3):279-285.
66. Elkhoshkhany N, Marzouk S, El-Sherbiny M, Yousri S, **Alqahtani M**, Algarni H et al. Enhanced thermal stability and optical and structural properties of Tm<sup>3+</sup> ions in doped tellurite glasses for photonic use. *Results in Physics*. 2021; 24:104202.
67. Alelyani M, Hadadi I, Shubayr N, Alashban Y, **Alqahtani M**, Adam M et al. Evaluation of Ultrasound Accuracy in Acute Appendicitis Diagnosis. *Applied Sciences*. 2021;11(6):2682.
68. **Alqahtani, M.**, Almarhaby, A., Hussein, K., AbouDeif, Y., Afifi, H., Zahran, H., Yaha, I., Grelowska, I. and Yousef, E., 2021. Radiation attenuation and photoluminescence properties of host tellurite glasses doped with Er<sup>3+</sup> ions. *Journal of Instrumentation*, 16(01), pp. P01002-P01002.
69. Hussein K, **Alqahtani M**, Grelowska I, Reben M, Afifi H, Zahran H et al. Optically transparent glass modified with metal oxides for X-rays and gamma rays shielding material. *Journal of X-Ray Science and Technology*. 2021;29(2):331-345.
70. Abbas M, **Alqahtani M**, Alkulib A, Almohiy H, Alshehri R, Alamri E et al. Development of a novel computational method using computed tomography images for the early detection and severity classification of COVID-19 cases. *Journal of X-Ray Science and Technology*. 2021;29(2):211-228.
71. Abbas M, **Alqahtani M**, Murayah A, Alqahtani A, Kessentini A, Loukil H et al. Novel Nanoelectromechanical System Pressure Biosensing Method for Early Detection of Cholesterol Accumulation in Blood Vessels. *Science of Advanced Materials*. 2021;13(5):966-980.
72. AbouDeif, Y., **Alqahtani, M.**, Massoud, E., Yaha, I. and Yousef, E., 2020. An evaluation of the radiation protection characteristics of prototyped oxide glasses utilising Phy-X/PSD software. *Journal of Instrumentation*, 15(08), pp.P08005-P08005.
73. Almohiy H, Hussein K, **Alqahtani M**, Elshiekh E, Loaz O, Alasmari A et al. Radiologists' Knowledge and Attitudes towards CT Radiation Dose and Exposure in Saudi Arabia—A Survey Study. *Medical Sciences*. 2020;8(3):27.

74. Almohiy, H., Hussein, K., **Alqahtani, M.**, Saeed, M., Hassan, E., Asiri, A., Saad, M., Mukhtar, E., Adam, M., Alshahrani, M., Alsleem, H., Ajmal, M., Alshahrani, I. and Abuhadi, N., 2020. Radiation dose measurements in intraoral and panoramic dental radiography in the Southern Region of Saudi Arabia. *King Khalid University Journal of Health Sciences*, 5(1), p.39.
75. Almohiy, H., Hussein, K., **Alqahtani, M.**, Rawashdeh, M., Elshiekh, E., Alshahrani, M., Saad, M., Foley, S. and Saade, C., 2020. Development of a computational tool for estimating computed tomography dose parameters. *Journal of X-Ray Science and Technology*, 28(6), pp.1025-1035.
76. Abbas M, **Alqahtani M**, Al-Gahtani SF, Algahtani A, Kessentini A, Loukil H, Parayangat M, Ijyas T, Mohammed AW. Contribution of neural networks in the diagnosis and treatment of cardiac arrhythmia. *Discov Med*. 2020 Jul-Aug;30(159):27-38. PMID: 33357360.
77. Mohamed Abbas, **Mohammed Alqahtani**, Ali Algahtani, Amir Kessentini, Hassen Loukil, Muneer Parayangat, Thafasal Ijyas, Abdul Was Mohammed. Validation of Nanoparticle Response to the sound Pressure Effect during the Drug-Delivery Process. *Polymers*, 2020
78. A. M. Almarhaby, J. E. Lees, S.L. Bugby, **M. S. Alqahtani**, L. K. Jambi, W. R. McKnight, A. C. Perkins. Characterisation of a Novel Gamma-Near-Infrared (NIR) Fluorescence Imaging System for Cancer Surgery. *Journal of Instrumentation*, 2019.
79. A. H. Ng, **M.S. Alqahtani**, L.K. Jambi, S.L. Bugby, J.E. Lees, A.C. Perkins. Assessing a small field of view hybrid gamma camera for perioperative iodine-125 seed localisation. *The British Journal of Radiology*, 2019(92): p. 20190020.
80. **Mohammed S Alqahtani**, John E Lees, Sarah L Bugby, Piyal Samara-Ratna, Aik H Ng, Alan C. Perkins. Design and implementation of a prototype head and neck phantom for the performance evaluation of gamma imaging systems. *European Journal of Nuclear Medicine and Molecular Imaging*, 2017. 4(1): p. 19.
81. Aik H. Ng, Patricia E. Blackshaw, **Mohammed S. Alqahtani**, Layal K. Jambi, Sarah L. Bugby, John E. Lees and Alan C. Perkins. A novel compact small field of view hybrid gamma camera: first clinical results. *Nuclear Medicine Communications*, 2017. 38(9).
82. Lees, J.E., S.L. Bugby, **M.S. Alqahtani**, L.K. Jambi, N.S. Dawood, W.R. McKnight, A.H. Ng, and A.C. Perkins, A Multimodality Hybrid Gamma-Optical Camera for Intraoperative Imaging. *Sensors (Basel)*, 2017. 17(3).
83. **MS Alqahtani**, JE Lees, SL Bugby, LK Jambi, BS Bhatia, WR McKnight, NS Dawood, AH Ng and AC Perkins. Capability of a novel small field of view hybrid gamma camera (HGC) for sentinel lymph node and small organ imaging. *The Journal of Nuclear Medicine*. 58: 157, 2017.

84. LK Jambi, JE Lees, SL Bugby, **MS Alqahtani**, BS Bhatia, WR McKnight, NS Dawood, AH Ng and AC Perkins. A hand-held hybrid gamma-near-infrared fluorescence imaging camera. *The Journal of Nuclear Medicine*. 58: 220, 2017.
85. Loyal K. Jambi, John E. Lees, Sarah L. Bugby, Bahadar S. Bhatia, **Mohammed S. Alqahtani**, Numan S. Dawood, Aik H. Ng, Alan C. Perkins. Comparison of columnar and pixelated scintillators for small field of view hybrid gamma camera imaging. *IEEE Xplore*. 2016 IEEE Nuclear Science Symposium, Medical Imaging Conference and Room-Temperature Semiconductor Detector Workshop (NSS/MIC/RTSD), Strasbourg, France, 2017, p.1-4.
86. **M.S. Alqahtani**, J.E. Lees, S.L. Bugby, L.K. Jambi, A.C. Perkins. Quantitative investigation of a novel small field of view hybrid gamma camera (HGC) capability for sentinel lymph node detection. *The British Journal of Radiology*, 2016(89): p. 20160435.
87. **MS Alqahtani**, JE Lees, SL Bugby, LK Jambi, BS Bhatia, WR McKnight, NS Dawood, AH Ng, AC Perkins. Quantitative analysis of sentinel node detection using a novel small field of view hybrid gamma camera (HGC). *European Journal of Medical Physics*. 32: 256-257, 2016
88. Bugby, S.L., J.E. Lees, A.H. Ng, **M.S. Alqahtani**, and A.C. Perkins, Investigation of an SFOV hybrid gamma camera for thyroid imaging. *European Journal of Medical Physics*, 2016. **32**(1): p. 290-6.
89. AC Perkins, AH Ng, SL Bugby, PE Blackshaw, **MS Alqahtani**, LK Jambi, JE Lees. A novel compact hybrid optical gamma camera: First clinical results. *The Journal of Nuclear Medicine*. 57: 531, 2016.
90. **M.S. Alqahtani**, J.E. Lees, S.L. Bugby, L.K. Jambi, A.C. Perkins. Lymphoscintigraphic imaging study for quantitative evaluation of a small field of view (SFOV) gamma camera. *Journal of Instrumentation*. 10(7): P07011, 2015.
91. L.K. Jambi, J.E. Lees, S.L. Bugby, S. Tipper, **M.S. Alqahtani**, A.C. Perkins. Evaluation of XRI-UNO detector for nuclear medical imaging. *Journal of Instrumentation*. 10(6): P06012, 2015.
92. J.E. Lees, S.L. Bugby, B.S. Bhatia, L.K. Jambi, **M.S. Alqahtani**, W.R. McKnight, A.H. Ng, A.C. Perkins. A small field of view camera for hybrid gamma and optical imaging. *Journal of Instrumentation*. 9(12): C12020, 2014.

## G. Conference abstracts

1. **Mohammed S. Alqahtani**. MIKE: A Novel Computational Tool to Explore the Radiation Properties of a Specific Material for Radiation Detection and Shielding Purposes, 7<sup>th</sup> International Conference on Radiation Medicine (ICRM2022). February 13-17, 2022. Riyadh, Kingdom of Saudi Arabia
2. **Mohammed S. Alqahtani**. Intraoperative gamma imaging technology: Could it be a game changer? ICRM2020 International Conference on Radiation Medicine. Feb 9-13, 2020. Riyadh, Kingdom of Saudi Arabia
3. Aik H. Ng, **Mohammed S. Alqahtani**, Layal K. Jambi, Sarah L. Bugby, John E. Lees and Alan C. Perkins. Characterization of a small field of view hybrid gamma camera. The 18<sup>th</sup> Asia-Oceania Congress of Medical Physics (AOCMP) in conjunction with the 16<sup>th</sup> South-East Asia Congress of Medical Physics (SEACOMP), Kuala Lumpur, Malaysia, 2018.
4. Awad M. Almarhaby, John E. Lees, Sarah L. Bugby, **Mohammed S. Alqahtani**, Layal K. Jambi, Numan S. Dawood, William R. McKnight, Bahadar S. Bhatia and Alan C. Perkins. A multimodality hybrid gamma-near infrared (NIR) fluorescence camera for intraoperative cancer surgery. Photon 2018, Birmingham, United Kingdom, 2018.
5. Alexandra Mackenzie, Sarah L. Bugby, Layal K. Jambi, **Mohammed S. Alqahtani**, Alan C. Perkins and John E. Lees. Investigating the utility of a small field of view gamma camera for radioiodine dosimetry. The UK Radiological Congress and Radiation Oncology Congress, Liverpool, United Kingdom, 2018.
6. Aik H. Ng, **Mohammed S. Alqahtani**, Layal K. Jambi, Sarah L. Bugby, John E. Lees and Alan C. Perkins. Assessing a small field of view hybrid gamma camera for perioperative radioactive seed localisation. World Congress on Medical Physics and Biomedical Engineering, Prague, Czech Republic, 2018.
7. **Mohammed S. Alqahtani**, John E. Lees, Sarah L. Bugby, Layal K. Jambi, Aik H. Ng, Bahadar S. Bhatia, Numan S. Dawood, Awad M. Almarhaby, William R. McKnight and Alan C. Perkins. A novel small field of view hybrid gamma camera for scintigraphic imaging. SPIE Medical Imaging 2018: Image-Guided Procedures, Robotic Interventions, and Modeling. DOI: 10.1117/12.2293792

8. LK Jambi, JE Lees, SL Bugby, **MS Alqahtani**, BS Bhatia, NS Dawood, AM Almarhaby, WR McKnight, AH Ng and AC Perkins. Development of small field of view hybrid gamma camera for intra-operative imaging. The 5<sup>th</sup> International Conference on Radiation Medicine, Riyadh, Saudi Arabia, 2018.
9. JE Lees, SL Bugby, **MS Alqahtani**, LK Jambi, NS Dawood, WR McKnight, BS Bhatia, AH Ng and AC Perkins. Hybrid gamma camera for medical applications. PSD11: 11<sup>th</sup> International Conference on Position Sensitive Detectors, Milton Keynes, UK, 2017.
10. JE Lees, SL Bugby, **MS Alqahtani**, LK Jambi, NS Dawood, WR McKnight, BS Bhatia, AH Ng and AC Perkins. A multimodality camera for intraoperative imaging. Cancer Imaging Conference. London, UK, 2017.
11. NS Dawood, JE Lees, SL Bugby, **MS Alqahtani**, LK Jambi, WR McKnight, AH Ng and AC Perkins. Radionuclide depth estimation using a novel SFOV hybrid gamma-optical camera with an anthropomorphic breast phantom. The 45<sup>th</sup> Annual Spring BNMS Meeting. Birmingham, UK, 2017.
12. AH Ng, **MS Alqahtani**, LK Jambi, SL Bugby, JE Lees and AC Perkins. Use of a novel small field of view hybrid gamma camera (HGC) for Iodine-125 seed localisation. The 45<sup>th</sup> Annual Spring BNMS Meeting. Birmingham, UK, 2017.
13. SL Bugby, JE Lees, AH Ng, **MS Alqahtani**, LK Jambi, MA Stammes, HJM Handgraaf, AC Perkins. Portable hybrid gamma-near-infrared fluorescence imaging. European Association of Nuclear Medicine (EANM) Annual Congress. Barcelona, Spain, 2016. DOI: 10.1007/s00259-016-3484-4.
14. JE Lees, SL Bugby, **MS Alqahtani**, LK Jambi, AH Ng, NS Dawood, AC Perkins. A high-resolution hybrid gamma-optical camera for intraoperative imaging. European Association of Nuclear Medicine (EANM) Annual Congress. Barcelona, Spain, 2016. DOI: 10.1007/s00259-016-3484-4.
15. **MS Alqahtani**, JE Lees, SL Bugby, LK Jambi, BS Bhatia, WR McKnight, NS Dawood, AH Ng, AC Perkins. Investigation of a novel small field of view hybrid compact gamma camera (HGC) for scintigraphic imaging. European Congress of Radiology (ECR), Vienna, Austria, 2016. Abstract available in: <http://dx.doi.org/10.1594/ecr2016/B-0033>
16. LK Jambi, JE Lees, SL Bugby, **MS Alqahtani**, BS Bhatia, WR McKnight, NS Dawood, AH Ng, AC Perkins. Development of a small field of view gamma camera for medical imaging. European Congress of Radiology (ECR), Vienna, Austria, 2016. Abstract available in: <http://dx.doi.org/10.1594/ecr2016/C-2206>

17. **MS Alqahtani**, JE Lees, SL Bugby, LK Jambi, BS Bhatia, WR McKnight, NS Dawood, AH Ng, AC Perkins. Investigation of a novel small field of view hybrid compact gamma camera (HCGC) for scintigraphic imaging. *Insights Imaging* 7(Supplement 1):162, 2016.
18. AH Ng, SL Bugby, LK Jambi, **MS Alqahtani**, PE Blackshaw, PS Morgan, JE Lees, AC Perkins. Development of a hybrid optical-gamma camera: A new innovation in bedside molecular imaging. World Congress on Medical Physics and Biomedical Engineering, Toronto, Canada, 2015.
19. NS Dawood, JE Lees, SL Bugby, LK Jambi, **MS Alqahtani**, WR McKnight, AC Perkins. A method of source-depth estimation using a Hybrid Gamma Camera. British Institute of Radiology (BIR) Annual Congress, London, UK, 2015. Abstract available in: <http://www.eposters.net/poster/a-method-for-source-depth-estimation-using-a-hybrid-gamma-camera->
20. **MS Alqahtani**, JE Lees, SL Bugby, LK Jambi, AC Perkins. Assessment of a novel hybrid optical-gamma camera for nuclear scintigraphic imaging, UK Radiological Congress (UKRC), Liverpool, UK, 2015.
21. JE Lees, AC Perkins, SL Bugby, BS Bhatia, LK Jambi, **MS Alqahtani**, WR McKnight, NS Dawood, AH Ng. A high-resolution handheld hybrid camera for gamma and optical imaging. British Nuclear Medicine Society (BNMS) Autumn Meeting, London, UK, 2015.
22. **MS Alqahtani**, JE Lees, SL Bugby, LK Jambi, AC Perkins. Assessment of a novel hybrid optical-gamma camera for nuclear scintigraphic imaging, KFMC Conference on Medical Physics and Engineering in Medicine, Riyadh, Kingdom of Saudi Arabia, 2015.
23. LK Jambi, JE Lees, SL Bugby, **MS Alqahtani**, BS Bhatia, WR McKnight, AH Ng, AC Perkins. A high-resolution gamma-optical hybrid camera for medical imaging, KFMC Conference on Medical Physics and Engineering in Medicine, Riyadh, Kingdom of Saudi Arabia, 2015.
24. AH Ng, SL Bugby, LK Jambi, **MS Alqahtani**, D Clay, PE Blackshaw, PS Morgan, JE Lees, AC Perkins. Hybrid optical-gamma camera for intraoperative imaging: A flexible phantom to assess system performances for sentinel node detection. International Conference on Clinical PET-CT and Molecular Imaging (IPET), Vienna, Austria, 2015.

25. **MS Alqahtani**, JE Lees, SL Bugby, BS Bhatia, LK Jambi, AH Ng, AC Perkins. A lymphoscintigraphic phantom study using a novel hybrid optical-gamma camera. British Institute of Radiology (BIR) Annual Congress, London, UK, 2014. Abstract available in: <http://www.eposters.net/poster/a-lymphoscintigraphic-phantom-study-using-a-novel-hybrid-optical-gamma-camera>
26. LK Jambi, JE Lees, SL Bugby, BS Bhatia, **MS Alqahtani**, WR McKnight, AH Ng, AC Perkins. Performance of a hybrid gamma-optical camera for improved utility in diagnostic imaging. British Institute of Radiology (BIR) Annual Congress, London, UK, 2014. Abstract available in: <http://www.eposters.net/poster/performance-of-a-hybrid-gamma-optical-camera-for-improved-utility-in-diagnostic-imaging>
27. JE Lees, SL Bugby, BS Bhatia, LK Jambi, **MS Alqahtani**, AH Ng, AC Perkins. A small field of view camera for hybrid gamma and optical imaging. PSD10: 10<sup>th</sup> International Conference on Position Sensitive Detectors, Guildford, UK, 2014.

## H. Additional courses, training, and volunteering

1. Medical Radiation Safety Officer Course (**30 CME hours**), King Faisal Specialist Hospital & Research Centre, Riyadh, Kingdom of Saudi Arabia, 2022
2. Volunteering Work Certificate (**6 volunteering hours**), for volunteering in COVID-19 patients' services during COVID-19 pandemic, Health Volunteering, Ministry of Health, Kingdom of Saudi Arabia, 2022
3. Volunteering Work Certificate (**132 volunteering hours**), for volunteering in COVID-19 patients' services during COVID-19 pandemic, Health Volunteering, Ministry of Health, Kingdom of Saudi Arabia, 2022
4. Volunteering Work Certificate (**120 volunteering hours**), for volunteering in COVID-19 patients' services during COVID-19 pandemic, Health Volunteering, Ministry of Health, Kingdom of Saudi Arabia, 2022
5. Good Clinical Practice Course (**6 CME hours**), National Institute on Drug Abuse, Gaithersburg, MD 20877, United States of America, 2022
6. CBP Training of Trainers (**48 training hours**), King Khalid University, Abha, Kingdom of Saudi Arabia, 2022
7. Risk Management Course (**15 training hours**), hosted by King Khalid University, Abha, Kingdom of Saudi Arabia, 2022
8. Operational Planning Skills Course (**15 training hours**), hosted by King Khalid University, Abha, Kingdom of Saudi Arabia, 2022



9. Academic Leadership Course (**5 training hours**), hosted by King Khalid University, Abha, Kingdom of Saudi Arabia, 2022
10. Volunteering Work Certificate (**180 volunteering hours**), for volunteering in COVID-19 patients' services during COVID-19 pandemic, Health Volunteering, Ministry of Health, Kingdom of Saudi Arabia, 2021
11. Volunteering Work Certificate (**558 volunteering hours**), for volunteering in COVID-19 patients' services during COVID-19 pandemic, Health Volunteering, Ministry of Health, Kingdom of Saudi Arabia, 2021
12. Total Quality Management Course (**15 hours course**), hosted by King Khalid University, Kingdom of Saudi Arabia – 2021
13. Volunteering Work Certificate (**452 volunteering hours**), for volunteering in COVID-19 patients' services during COVID-19 pandemic, Health Volunteering, Ministry of Health, Kingdom of Saudi Arabia, 2020
14. Volunteering Work Certificate (**480 volunteering hours**), for volunteering in COVID-19 patients' services during COVID-19 pandemic, Health Volunteering, Ministry of Health, Kingdom of Saudi Arabia, 2020
15. Introduction to Good Clinical Practice (Secondary Care), National Institute for Health Research, UK – 2016.
16. English language for academic purposes course for postgraduates and staff (**16 hours course**), University of Leicester, UK - 2014
17. The ImageJ/Fiji course at the University of Leicester, UK – April 2014.
18. Pre-Sessional Academic English course; from 09 July 2012 to 14 September 2012. School of English and Languages, University of Surrey, Guildford, UK.
19. English Language and Academic English Course at C1 level (Advanced) from 21 November 2011 to 18 May 2012. English Language Centre (ELC) York, UK.
20. Wall Street Institute – School of English / successfully completed the levels of (Waystage-2 level 5 / Waystage-3 level 6 / Upperwaystage-1 level 7 / Upperwaystage-2 level 8) – KSA.
21. Basic life support (BLS) 24, February 2011, The Saudi Commission for Health Specialties, KSA (4 CME) – KSA.
22. Trauma and Emergency Radiology Course at King Fahd Hospital of the University, Al Khobar, University of Dammam, KSA / 18-20, January 2011 (15 CME/PD).

23. Summer Enrichment Course, held in King Abdulaziz University with the supervision and supporting of King Abdul-Aziz & his companions Foundation for the Gifted, during the period from 18 June to 16 July 2004.

## **I. Certificates of appreciation, accreditation, completion and achievement Award**

- Certificate of Appreciation, for my participation, as a member of the scientific posters' evaluation committee, during the annual scientific event for masters' students in Medical Laboratory Department, College of Applied Medical Sciences, King Khalid University, KSA, 2022
- Certificate of Appreciation, for my participation, as a member of the scientific committee, during the event of research activities awards, Scientific Research Deanship, King Khalid University, KSA, 2022
- Certificate of Appreciation, for participating in COVID-19 pandemic training programs – Aseer Central Hospital – Abha, Kingdom of Saudi Arabia, 2020.
- Certificate of Appreciation, for the outstanding performance in the preparation of quality accreditation requirements for Diagnostic Radiology program, Faculty of Applied Medical Sciences, King Khalid University, KSA / Academic year 2020-21
- Certificate of Achievement signed by the Saudi Arabia's Ambassador to the United Kingdom, Royal Embassy of Saudi Arabia, London, for outstanding academic excellence, 2017.
- Certificate of Merit for poster presentation: "Use of a novel small field of view hybrid gamma camera (HGC) for Iodine-125 seed localisation" presented at the 45<sup>th</sup> Annual Spring Meeting, British Nuclear Medicine Society, UK – May 2107.
- I have been awarded 6 academic excellence gifts from the Saudi Arabia Cultural Bureau in London during my PhD course (2014- 2018), and this is the maximum number of academic excellence gifts can be awarded at the PhD level (as can be found on Safeer Portal, accepted Requests' no: 17217130 – 16261612 – 15192462 – 14209262 – 12429017 – 10095990).
- Three Letters of congratulations for the academic excellence during my PhD course (2014-2018), Saudi Arabia Cultural Bureau in London.
- I have been awarded 3 academic excellence gifts from the Saudi Arabia Cultural Bureau in London during my master's course (2012- 2013), and this is the maximum number of academic excellence gifts can be awarded at the masters level (as can be found on Safeer Portal, accepted Requests' no: 7191530 – 5533621 - 4490911).

- Professional Accreditation Certificate / Saudi Commission for Health Specialties, as Specialist of Radiological Technology, 2011.
- Certificate of Appreciation, Medical Services Organisation, Saudi Aramco / 2010-2011.
- Certificate of Completion successfully completed the Cooperative Training Programme conducted with Saudi Arabian Oil Company (SAUDI ARAMCO) during the period from March 1<sup>st</sup>, 2010 through February 14<sup>th</sup>, 2011.
- Certificate of Appreciation, King Khalid University, Deanship of Students Affairs for academic excellence of the academic year: 2009/2010.
- Experience Certificate, King Abdulaziz & his Companions Foundation for Giftedness & Creativity for working as a student supervisor for three successive seasons from summer 2006 to summer 2009.
- Certificate of Appreciation, King Abdulaziz & his Companions Foundation for Giftedness & Creativity, for efforts in the success of the summer Mawhiba program 2009 of (Electronics & Robot 4).
- Certificate of Achievement Award, King Khalid University, College of Applied Medical Sciences, KSA / Academic year 2009/2010.
- Certificate of Appreciation (as a students' activities coordinator), College of Applied Medical Sciences, King Khalid University, KSA / Academic year 2009.
- Certificate of Merit, Abha Prize for Higher Education in the field of cultural and social Competition of the academic year: 2007/2008.
- Certificate of Appreciation (as a member of students' activities committee), College of Applied Medical Sciences, King Khalid University, KSA / Academic year 2007-2008.
- Certificate of Achievement Award, King Khalid University, College of Applied Medical Sciences, KSA / Academic year 2007-2008.
- Certificate of Appreciation (as a member of students' activities committee), College of Applied Medical Sciences, King Khalid University, KSA / Academic year 2006-2007.

## **J. Languages**

- Arabic as a mother language
- English as a second language (fluent)

## **K. References**

Recommendations available upon request