

المعلومات الشخصية:

الإسم: يوسف محمد يوسف عبدالله

تاريخ ومكان الميلاد: 1983/12/25م - الخرطوم

الجنسية: سوداني

الديانة: مسلم

الحالة الإجتماعية: عازب

العنوان الحالي: قسم تكنولوجيا العلاج بالأشعة والطب النووي - كلية علوم الأشعة الطبية- جامعة السودان للعلوم

والتكنولوجيا ، تقاطع شارع الجيش مع الشهيد الزبير (البلدية سابقا) - ص.ب: 1908 الخرطوم- السودان

التعليم قبل الجامعي:

الأبتدائي: مدرسة بشير محي الدين الأبتدائية بنين

الثانوي: مدرسة امدرمان الأهلية الثانوية بنين

المؤهلات (الجامعية وفوق الجامعية) مع ذكر التقدير وتاريخ الحصول عليها):

• بكاريوس (شرف) تكنولوجيا العلاج بالأشعة : كلية علوم الأشعة الطبية- جامعة السودان للعلوم

والتكنولوجيا- الدرجة الأولى- اكتوبر 2005م

• ماجستير تكنولوجيا العلاج بالأشعة: كلية علوم الأشعة الطبية- جامعة السودان للعلوم والتكنولوجيا-

الدرجة الأولى - نوفمبر 2009م

• ماجستير تكنولوجيا الطب النووي: المعهد القومي للسرطان - جامعة الجزيرة- سبتمبر 2012م

• دكتوراة تكنولوجيا العلاج بالأشعة (طالب) : كلية علوم الأشعة الطبية- جامعة السودان للعلوم

والتكنولوجيا- سبتمبر 2012م

عنوان الإطروحة:

- ماجستير تكنولوجيا العلاج بالأشعة: عنوان البحث: مطابقة حقلي الأشعة والضوء في جهاز الكوبالت- ٦٠ المشع
- ماجستير الطب النووي: عنوان البحث: انشاء برنامج ضمان الجودة لمولد التكنشيوم-٩٩ المشع والمواد الصيدلانية
- دكتوراة تكنولوجيا العلاج بالأشعة: عنوان البحث: تقويم حركة اعضاء الصدر في العلاج بالأشعة من الخارج

حقل الإختصاص: تكنولوجيا العلاج بالأشعة والطب النووي

الخبرة المهنية:

- تقني الأشعة التشخيصية، مستشفى جوبا العسكري ، جوبا، السودان (ديسمبر 2005- مايو 2006م)
- مساعد تدريس، قسم تكنولوجيا العلاج بالأشعة والطب النووي ، كلية علوم الأشعة الطبية، جامعة السودان للعلوم والتكنولوجيا، الخرطوم، السودان (سبتمبر 2006- أكتوبر 2009م)
- محاضر، قسم الأشعة والتصوير الطبي، الكلية الوطنية للعلوم الطبية والتقنية، الخرطوم ، السودان (ابريل 2009- ابريل 2011م)
- محاضر، قسم تكنولوجيا العلاج بالأشعة والطب النووي ، كلية علوم الأشعة الطبية، جامعة السودان للعلوم والتكنولوجيا، الخرطوم، السودان (منذ اكتوبر 2009)
- اختصاصي العلاج بالأشعة، المجلس الطبي السوداني، وزارة التنمية البشرية (منذ يوليو 2011م)
- منسق برنامج ماجستير تكنولوجيا الطب النووي، قسم تكنولوجيا العلاج بالأشعة والطب النووي ، كلية علوم الأشعة الطبية، جامعة السودان للعلوم والتكنولوجيا، الخرطوم، السودان (منذ مايو 2012م)

الخبرة التدريسية:

الجامعي:

1. فيزياء العلاج بالأشعة
2. فيزياء الطب النووي
3. تقنية العلاج بالأشعة والتخطيط
4. العناية بالمريض في العلاج بالأشعة والطب النووي
5. العلاج بالأشعة والعلاج الكيميائي
6. الوقاية من الأشعاع في العلاج بالأشعة والطب النووي
7. العناية بالمريض في العلاج بالأشعة والطب النووي
8. تقنية الأرشفة الطبية
9. تطبيقات الكمبيوتر في الأشعة
10. الإشراف على التدريب العملي في العلاج بالأشعة والطب النووي

الإشراف علي طلبة الدراسات العليا:

جامعة السودان للعلوم والتكنولوجيا:

- منسق برنامج ماجستير تكنولوجيا الطب النووي، قسم تكنولوجيا العلاج بالأشعة والطب النووي ، كلية علوم الأشعة الطبية، جامعة السودان للعلوم والتكنولوجيا، الخرطوم، السودان (منذ مايو 2012م)

مشروعات بحثية:

- تقويم حركة الفسيولوجية لاعضاء الصدر في الإنسان اثناء العلاج بالأشعة من الخارج ، قسم تكنولوجيا العلاج بالأشعة والطب النووي ، كلية علوم الأشعة الطبية، جامعة السودان للعلوم والتكنولوجيا، الخرطوم، السودان (منذ مايو 2012م)

العضوية المهنية:

1. اختصاصي العلاج بالأشعة، المجلس القومي للمهن الطبية ، وزارة التمنية البشرية (رقم التسجيل: 00005)
2. عضو مجلس قسم تكنولوجيا العلاج بالأشعة والطب النووي ، كلية علوم الأشعة الطبية، جامعة السودان للعلوم والتكنولوجيا، الخرطوم، السودان (منذ سبتمبر 2006م)
3. عضو الجمعية السودانية لمكافحة السرطان (سافانا)
4. الجمعية السودانية للأشعة الطبية (سمرا)

النشاط الإجتماعي:

1. عضو الجمعية السودانية لمكافحة السرطان (سافانا)
2. الجمعية السودانية للأشعة الطبية (سمرا)

المنشورات:

الأوراق العلمية:

1. **Estimating Environmental and Contributions to Cancer in Sudan Mobile Phone Mast Workshop** organized by Faculty of Science, Department of Chemistry with collaboration with Congress of Khartoum State, Khartoum, Sudan (April 2009)
2. **Making Sense of Radiation: A guide To Radiation and its health effects, Mobile Phone Mast Workshop** organized by Faculty of Science, Department of Chemistry with collaboration with Congress of Khartoum State, Khartoum, Sudan (April 2009)
3. **Poster: Computed Verification of Light and Radiation Field Size Superimposition On Cobalt-60 machine**, International Conference on Radiation Medicine Clinical Applications and Innovative Approaches held at King Faisal Specialist Hospital and Research Centre, Riyadh, Saudi Arabia(March 2010)
4. **Gamma Radiation Synthesis and Characterization of polyvinyl Alcohol/Silver Nanocomposites Film** by Journal of Sciences and Technology , Biannual Scientific Refereed

- Journal, Sudan University of Science and Technology, (2010)
5. **Induction of Electrical Conductivity in Polyaniline Nanocomposites Film using Gamma-irradiation Doping in Polyvinyl Matrix**, by Journal of Sciences and Technology , Biannual Scientific Refereed Journal, Sudan University of Science and Technology, (2010)
 6. **Optical properties of radiopolymerized Polyaniline hydrochloride Hosted in polyvinyl-alcohol Matrix**, by Journal of Sciences and Technology , Biannual Scientific Refereed Journal, Sudan University of Science and Technology, (2010)
 7. **Normoxic polymer Gel of Hydroxyl-ethyl-acrylate (HEA) as Radiation Therapy Dosimeter**, by Journal of Sciences and Technology , Biannual Scientific Refereed Journal, Sudan University of Science and Technology, (2010)
 8. **Computed Verification of Light and Radiation Field Size Superimposition On Cobalt-60 machine**, Published by Journal of Sudan Medical Monitor , Biannual Scientific Refereed Journal, National College for Medical and Technical Studies , Vol. 2-5, P.p. 147-156 (April 2010)
 9. **Poster : Evaluation of entrance and Existence dose in Tangential Treatment of Breast Carcinoma** , 2nd International Conference on cancer organized by Radiation and Isotopes enter of Khartoum (RICK) Friendship Hall, Khartoum, Sudan (2-5 December 2010)
 10. **Estimating Environmental and Occupational Contribution to Cancer in Sudan** , Published by Journal of Sudan Medical Monitor , Biannual Scientific Refereed Journal, National College for Medical and Technical Studies , (February 2011)
 11. **Real-time motion Analysis for patient positioning verification in Radiotherapy** , Canadian Journal on Medicine Vol. 2, No. 2, (March 2011)
 12. **Induction of Electrical Conductivity in Polyaniline Nanocomposites Film using Gamma-irradiation Doping in Polyvinyl Matrix**, by Canadian Journal on Medicine Vol. 3, No. 3, (July 2011)
 13. **Prediction of Motion of Chest Organs During Radiotherapy Using Image Registration Technique** by Canadian Journal on Medicine Vol. 3, No. 4, (November 2011)
 14. **Application of analysis approach in Noise Estimation in X-rays images using image processing program (MatLab)**, by Canadian Journal on Medicine Vol. 3, No. 3 (July 2011)
 15. **Correction preprocessing technique for X-rays images**, by Canadian Journal on Medicine Vol. 3, No. 3 (July 2011)
 16. **Evaluation of Radiochemical Purity of Received ^{99}Mo - $^{99\text{m}}\text{Tc}$ Generator in National cancer**

Institute (NCI), by Canadian Journal of Chemistry Vol. 3, No. 4(November, 2011)

17. Assessment of Hot Lab Sterility in Nuclear medicine in National cancer Institute (NCI), by Canadian Journal on Medicine Vol. 3, No.4 (November, 2011)

الكتب المنشورة:

- 1.Computed Verification of Light and Radiation Field Size Superimposition On Cobalt-60 machine, Verification of Fields Size using Image Processing Technique** Published by LAP LAMBART Academic Publishing GmbH & Co. KG, Germany, **ISBN 9783838399096 (August 2010)**
- 2.A Short Guide To Radiation Mold Technology, A manual for daily use** by LAP LAMBART Academic Publishing GmbH & Co. KG, Germany **ISBN: 9783843371827 (October 2010)**
- 3.Application of Analysis Approach in Noise Estimation, Using Image Processing Program,** by LAP LAMBART Academic Publishing GmbH & Co. KG, Germany, **ISBN: 9783847331544 (December, 2011)**
- 4.Analysis of Respiratory Motion in Chest Organs, During External Beam Radiotherapy,** by LAP LAMBART Academic Publishing GmbH & Co. KG, Germany, **ISBN: 9783847335726 (January, 2012)**
- 5.An Introduction to PACS in Radiology Service, Theory and Practice** by LAP LAMBART Academic Publishing GmbH & Co. KG, Germany, **ISBN: 9783846588987 (January 2012)**
- 6.Quality Control of Technetium-99 Generator, Theory and Practice** by LAP LAMBART Academic Publishing GmbH & Co. KG, Germany, **ISBN: 9783848421169 (February 2012)**
- 7. A short Textbook on Care of patient in Radiotherapy** by LAP LAMBART Academic Publishing GmbH & Co. KG, Germany, **ISBN: 9783848432318 (March 2012)**
- 8. A Short Guide to Breast Carcinoma Treatment, Introductory Notes on Breast carcinoma** by LAP LAMBART Academic Publishing GmbH & Co. KG, Germany, **IBSN: 9783846527450 (March 2012)**

السمنارات، الندوات والمؤتمرات:

السمنارات:

1- Breast Carcinoma in Sudan , Radiotherapy and Nuclear Medicine Department, College of Medical Radiological Science, Sudan University of Science and Technology (**August 2005**)

2- Radiation Accidents for Patients undergoing Radiation Therapy, Radiotherapy and

Nuclear Medicine Department, College of Medical Radiological Science, Sudan University of Science and Technology (July 2005)

3- Current Status of Radiation Therapy in Sudan, Radiotherapy and Nuclear Medicine Department, College of Medical Radiological Science, Sudan University of Science and Technology (July 2007)

4- Estimating Environmental and Contributions to Cancer in Sudan Mobile Phone Mast Workshop organized by Faculty of Science, Department of Chemistry with collaboration with Congress of Khartoum State, Khartoum, Sudan (April 2009)

5- Calibration of Radiation Instruments Used in Radiation Protection and Radiotherapy, Radiotherapy and Nuclear Medicine Department, College of Medical Radiological Science, Sudan University of Science and Technology (May 2009)

6- Automatic Verification of light and Radiation Field Superimposition using Image Processing Technique, Radiotherapy and Nuclear Medicine Department, College of Medical Radiological Science, Sudan University of Science and Technology (May 2009)

7- Mobile Phones & Airwave, Unexplained symptoms in the 21st Century, Mobile Phone Mast Workshop organized by Faculty of Science, Department of Chemistry with collaboration with Congress of Khartoum State, Khartoum, Sudan (April 2009)

8- Real-time motion Analysis for patient positioning verification in Radiotherapy, 2nd international Conference in Laser technology and its application Organized by Laser Institute, University of Science and Technology, Coroal Hotel, Khartoum, Sudan (6-9 December 2010)

9- Evaluation of Chest Organs Motion in External Beam Radiotherapy Organized by Sudanese Medical Radiology Association (SUMRA), College of Medical Radiological Sciences, University of Science and Technology, Khartoum, Sudan (9 January 2011)

الندوات والمؤتمرات:

1. One Day seminar on Advance in Ultrasound done by Sudan University with collaboration Afro-Asian Institute of medical science – Lahore- Pakistan, Sudan University of Science and Technology, Khartoum, Sudan. (December 2004)

2. International Congress on Environment, Immune- Mediated Disease and Cancer organized by Institute of Nuclear Medicine , Molecular Biology and Oncology (INMO) – University of Gazeria –

Madani- Sudan and with collaboration with Ashiti University – Italy, Grand Holiday Villa, Khartoum, Sudan (**April 2008**)

3. Mobile Phone Mast Workshop organized by Faculty of Science, Department of Chemistry with collaboration with Congress of Khartoum State, Khartoum, Sudan (**April 2009**)

4. 1st International Cancer Conference in Sudan Organized by Radiation and Isotopes Center of Khartoum (RICK), Friendship Hall, Khartoum, Sudan (**2-5 December 2009**)

5. Workshop in Tomotherapy, IGRT, IMRT and Conformal Therapy held at King Faisal Specialist Hospital and Research Centre, Riyadh, Saudi Arabia (**March 2010**)

6. Bioinformatics Workshop held at College of Animal Production Science and Technology – Sudan University of Sciences and Technology, Khartoum, Sudan with collaboration with Nasik Studies and Training Academy- Khartoum- Sudan (**June-August 2010**)

7. 2nd International Cancer Conference in Sudan Organized by Radiation and Isotopes Center of Khartoum (RICK), Friendship Hall, Khartoum, Sudan (**2-5 December 2010**)

8. 2nd international Conference in Laser technology and its application Organized by Laser Institute, University of Science and Technology, Coroal Hotel, Khartoum, Sudan (**6-9 December 2010**)

9. 1st Workshop in CT imaging and Quality Assurance in Radiology organized by Radiographic and Diagnostic Imaging Technology Program - National College for Medical and Technical Studies with Collaboration with The National Council of Sudanese in UK and Ireland, Khartoum, Sudan (**February 2011**)

10. Modern Power Presentation Workshop organized by Sudanese Turkish Center for Development- College of Agricultural Studies- Sudan University of Science and Technology, Khartoum, Sudan (**27-31 March 2011**)

11. A seminar on Application of Ultrasound in Thyroid lesions detection organized by Sudanese Medical Radiology Association (SUMRA) at College of Medical Radiological Science- Khartoum, Sudan (**1 April 2011**)

12. A seminar on Application of Ultrasound in first Trimester pregnant women organized by Sudanese Medical Radiology Association (SUMRA) at College of Medical Radiological Science- Khartoum, Sudan (**15 April 2011**)

13. Deutsch. Goethe Institute Khartoum, DeutschKurs (A1), Khartoum, Sudan (**July October 2011**)

14. Scientific Visit for PET/MRI - Helmholtz-Zentrum Dresden-Rossendorf, HZDR, Technische Universität Dresden, , Germany (**20 January 2012**)

15. **OncoRay Retreat Annual Congress 2012** organized by National Center for Radiation Research in Oncology PET/MRI - Helmholtz-Zentrum Dresden-Rossendorf, HZDR, Technische Universität Dresden, Akademie Hotel, Dresden, Germany (7-8 March 2012)

الدورات التدريبية:

- **Training Course in Radiology- National Cancer institute (NCI) - University of Cairo-Radiotherapy Department, Cairo, Egypt. (October 2003)**
- **Training Course in Radiology- Ministry of Health and Population- Nasser Institute Hospital- Cairo, Egypt. (October 2003)**
- **Authorization and Inspection of radiation sources in Radiotherapy- national training course** organized by ministry of science and technology, Sudan Atomic Energy Agency, Radiation Protection Technical Committee, Sudan.(February 2007)
- **Radiation Protection and Safety- national training course** organized by Sudan Atomic Energy Commission (SAEC) and Department of Physics - University of Khartoum, Sudan.(April 2007)
- **Basic Training Course in Radiotherapy** organized by Institute of Nuclear Medicine, Molecular Biology and Oncology (INMO) -University of Gazeria– Madani, Sudan. (October 2007)
- **Authorization and Inspection of radiation sources in Nuclear Medicine - national training course** organized by ministry of science and technology, Sudan Atomic Energy Agency, Radiation Protection Technical Committee, Sudan. (February 2008)
- **Basic Training Course in Radiotherapy** organized by Institute of Nuclear Medicine, Molecular Biology and Oncology (INMO) University of Gazeria– Madani, Sudan. (March 2008)
- **Centre Frédéric Caillaud, Centre Culturel Français De Khartoum, Soudan. (July 2006- July 2008)**
- **Educational Preparation – initial training course** organized at the center of Staff Development Center – University of Khartoum, Sudan. (October- November 2008)
- **Basic Training Course in Radiotherapy** organized by National Cancer Institute (NCI) – University of Gazeria- Madani, Sudan (April 2009)
- **Authorization and Inspection of radiation sources in Nuclear Medicine- National training course** organized by Ministry of Science and Technology, Sudan Atomic Energy Agency, Radiation Protection Technical Committee, Sudan. (May 2009)
- **Authorization and Inspection of radiation sources in Radiotherapy national training course** organized by ministry of science and technology, Sudan Atomic Energy Agency, Radiation Protection

Technical Committee, Sudan. (**June 2009**)

- **Diploma** in Computer Maintenance & Programming-International Institute for Computer Studies- Omdurman, Sudan. (**June 2002**)
- **Diploma** in Computer Shooting Certificate-(UNDP & Cultural Affairs Ministry- Khartoum State, Khartoum, Sudan. (**January 2003**)
- **Basic Training Course in Radiotherapy** organized by National Cancer Institute (NCI) – University of Gazeria- Madani, Sudan (**April 2009**)
- **Basic Training Course in Nuclear Medicine** organized by National Cancer Institute (NCI) – University of Gazeria – Madani, Sudan (**October 2009**)
- **Educational Preparation – initial training course** organized at the center of Staff Development Center - Sudan University of Science and Technology- College of Education, Sudan. (**December 2009**)
- **Training course in Tomotherapy, IMRT, Conformal and IGRT Applications and Innovative** held at Faisal Specialist Hospital and Research Centre, Riyadh, Saudi Arabia (**March 2010**)
- **Basic Training Course in Radiotherapy** held at National Cancer Institute (NCI) – University of Gazeria – Madani, Sudan (**May 2010**)
- **Basic Training Course in Magnetic Resonance Imaging (MRI)** organized by Alia Specialist Hospital & National Cancer Institute (NCI) – University of Gazeria – Madani, Sudan (**May 2010**)
- **Basic training course in Image Processing and MatLab Applications** held at College of Computer Sciences and Information Technology (CCSIT) – Sudan University of Sciences and Technology, Khartoum, Sudan (**June-July 2010**)
- **Advance CT Imaging and Quality Assurance and Quality Control in Radiology**, held at Radiology Department- National College for Medical and Technical Studies- Khartoum- Sudan. (**February 2011**)
- **Training Course in Advance Ultrasound** held at Golden Care Training Center, Khartoum, Sudan (**January- March 2011**)
- **Basic Training Course in Magnetic Resonance Imaging (MRI)** organized by Alia Specialist Hospital & National Cancer Institute (NCI) – University of Gazeria – Madani, Sudan (**April 2011**)
- **Basic Training Course in Nuclear Medicine** held at National Cancer Institute (NCI) – University of Gazeria – Madani, Sudan (**May-July 2011**)
- **Training Course PET/CT** held at Nuclear Medicine Department – Carl Gastav Universitatsklinikum Technical University of Dresden, Dresden , Germany (**5-23 December 2011**)
- **Training Course in Nuclear Medicine** held at Nuclear Medicine Department – Carl Gastav

Universitätsklinikum Technical University of Dresden, Dresden , Germany (**December 2011-January 2012**)

- **Training Course in Radiotherapy and Radioncology** held at Radiotherapy and Radioncology Department – Carl Gustav Carus University Hospital, Technical University of Dresden (TUD), Dresden , Germany (**1 November 2011-30 April 2012**)