

Personal Data

LANGUAGES: Sudanese NATIONALITY: 14-2-1957 DATE OF BIRTH: Female Gender: Arabic, English
Married, with five children MARITAL STATUS: Department [...]

LANGUAGES:

Sudanese

14-2-1957

Female

Arabic, English

Married, with five children

Department of Basic Sciences

Faculty of Dentistry,

Khartoum, Sudan

0121789072 (Mobile)

nadiayahia@hotmail.com, nadean@uofk.edu

Associate Professor – Dean Faculty

NATIONALITY:

DATE OF BIRTH:

Gender:

**MARITAL
STATUS:**

ADDRESS:

TELEPHONE:

E-Mail:

Current Position:

Academic History

EDUCATION HONOURS & AWARDS PRIZES POSTS HISTORY OF APPOINTMENTS Experience Staff
Continuing Education:

- EDUCATION
- HONOURS & AWARDS PRIZES
- POSTS
- HISTORY OF APPOINTMENTS
- Experience
- Staff Continuing Education:

Postgraduate Teaching & Training:

Faculty of Medicine: Conducting seminar for graduate candidates of M.Sc. on Human Morphology including: Anatomy on cross section. Is it [...]

Faculty of Medicine:

Conducting seminar for graduate candidates of M.Sc. on Human Morphology including: Anatomy on cross section. Is it feasible; Human upright posture and movements; Palatal development as a craniofacial model; Comparative Anatomy on focus; Three dimensional teaching approach to the growing human embryo; Anatomy as viewed by surgeon; Ossification centers. Are they good indicators for growth; Genes and chromosomes in relation to human morphology; locomotors development; The chemical constituents of human tissues.

Teaching to the Dental Profession in the Community and Continuing Education Courses given:

Patients referral

Teaching to other Health Professionals, Students and the Community:

Learning and Evaluation of Behavioral Sciences for Health assistants.

Supervision of Graduate Students;

Faculty of Medicine:

1. Supervision of a thesis for the Degree of MSc. on Human Morphology entitled 'Facial morphology of cleft palate and/or lip in the Sudan', 1995, U. of K.
2. Supervision of a thesis for the Degree of MSc. on Human Morphology entitled " pineal gland", 1995, U. of K.
3. Supervision of a thesis for the Degree of MSc. on Human Morphology entitled "pain review", 1995, U. of K.
4. Supervision of a thesis for the Degree of MSc. on Human Morphology entitled "The Anatomy of the placenta", 1995, U. of K.
5. Supervision of a thesis for the Degree of MSc. on Human Morphology entitled "The Anatomy of the breast in view of Genetic and Breast cancer" 1995, U. of K.

Faculty of Dentistry:

1. Msc on Conservative Dentistry. Evaluation of canal system configuration of second maxillary premolar in Khartoum state. 2004.
2. Msc. On Conservative Dentistry. Evaluation of Dental radiology used in Endodontic & conservative among general partioner in Khartoum state. 2004.
3. MSc. Conservative Dentistry – Prevalence of Root Caries
4. Co – Supervisor of MSc in Orthodontic: Cephalometric analysis. 2008.
5. Co Superviosr of MSc in Conservative Dentistry Microleakage of Temporal fillings Materials. 2008.
6. The prevalence of External root resorption associated with orthodontic treatment in a Sudanese sample. 2010.

Other Universities:

1. Co-supervisor of MSc thesis on Human Creation as Cited by Koran: Scientific and Linguistic Explanations. University of Koranic and Islamic Studies, Sudan. 2000.
2. Cosuperviosr of MSc in Translation Migraine – English Arabic Translation. 1996.

Laser Research:

PhD laser application in Dentistry:

1. Clinical Evaluation Of ER-YAG laser in soft tissue and Hard tissues treatment at Um Gwain United Arab EMIRATIES

MSc:

1. Diode Laser in Virto Tooth Bleaching.
2. in vitro study to assess the caries-preventive potential of diode laser treatment for the enamel of permanent teeth compared to control.
3. killing percentage and the required time for that by the exposure to the omega diode laser a power of 30 mw and 670 nm of wavelength for the isolations of the Streptococcus bacteria.
4. Clinical evaluations of the LLLT in the gingivitis and compared that with local measurement (chlorhexidine gel) after scaling and polishing.
5. Diode Laser Teeth Whitening for Emirates Adult Patients AGE (30-35 Years) (in vivo Comparative study)

BSc physics:

1. Supervision of BSc physics partial fulfillment :laser Technology in Medicine & modern techniques, Sudan University for Science & Technology. 1999 – 2000.

Examination Committees (Graduate and Postgraduate):

1. Second MBBS for Medical Students, Faculty of Medicine, University of Khartoum & National Sudanese Universities.
2. Second BDS for Second Dental Students, Faculty of Dentistry, University of Khartoum.
3. Third BDS for Third Dental Students, Faculty of Dentistry, University of Khartoum.
4. Part I Examination of Basic Medical Sciences (Anatomy and Dental Anatomy) for General Surgery, Obstetrics & Gynecology, Ophthalmology, Otolaryngology and Dentistry at both the Medical & Health sciences board & National Sudanese specialization Board..

Curriculum Design:

1. Faculty of Medicine, U. of K. Basic Medical Sciences Curriculum (Anatomy).
2. Faculty of Dentistry, U. of K. General and Dental Anatomy Curriculum of Dentistry, University of Sana'a, Yemen.
3. Faculty of Dentistry, University of Khartoum, General and Dental Anatomy Curriculum.

4. Postgraduate Medical Studies Board, Anatomy Department, MSc. on Human Morphology, WHO Program – Human Morphology Curriculum.
5. El Razi College, General and Dental Anatomy Curriculum.
6. El Gazera, General and Dental Anatomy, Morphology Curriculum.
7. Sudan University for Technological studies, Institute of Laser, Laser application in medicine and anatomy and histology curriculum.
8. Faculty of Dentistry, University of Khartoum, Dental MSc program: Dental Anatomy Curriculum.
9. Faculty of Dentistry, University of Khartoum, Dental Technology program: General and Dental Anatomy Curriculum.
10. University of Medical Sciences and Technology, Dental Bioscience curriculum.

Research:

Summary of Grants and Awards: Grant Funding: Cyclosporine A induced gingival overgrowth funded by American Dental Research initiative fund 1986 [...]

Summary of Grants and Awards:

Grant Funding:

1. Cyclosporine A induced gingival overgrowth funded by American Dental Research initiative fund 1986 – 1989 total of **10.000\$**.
2. Morphometric and Histochemical studies of cyclosporine A induced gingival overgrowth in renal transplant in Sudan funded by Faculty of Medicine Research Committee, UoK Scientific Directorate Research 1990 – 1992 a total amount of **23.000 Ls**.
3. Odontometric Study of Dental norms in Sudan funded by Faculty of Medicine Research Committee, UoK Scientific Directorate Research 1996 – 1998 a total of **2.500.000 Ls**.
4. Caries depth in Sudan funded by Ministry of Higher education 2005 a total amount of **5.000.000 SP**.
5. Immunohistochemical study of oral lesions in Sudan funded by University of Khartoum Research Fund 2006 a total amount of **5.000.000 SP**.
6. Prevalence of Root Caries funded by Ministry of Higher education 2006 a total amount of **5.000.000 SP**.
7. In vitro study to assess the caries-preventive potential of diode laser treatment for the enamel of permanent teeth compared to control, funded by Ministry of Higher education 2006 a total amount of **5.000.000 SP**.
8. In vitro study of canal morphology using 3D construction using Conventional & Rotary instruments 2010. funded by Ministry of Higher education 2006 a total amount of **20.000 SDG**.

Current Research:

1. Laser medical tissue application: Soft and Hard.
2. CSA induced Gingival Overgrowth.
3. Computerized Gingival size, canal Morphology.
4. Quantitation of Craniofacial Morphology.
5. Odontometric analysis.
6. Focal hyperplasia.

Other Research Activities

1. Meetings organized: Research Board faculty of Medicine & Dentistry.
2. Reviews of Grant Applications and Publications: Research Committee of Ministry of Higher Education and Scientific research.

Submenu

- [Successful Graduate Student Projects:](#)
- [Completed MSc and PhD Projects:](#)

Administrative Activities:

External (Provincial, National and for the University) Internal (for the Dental Faculty) Major duties in the Dental Faculty Standing Committees [...]

1. External (Provincial, National and for the University)
2. Internal (for the Dental Faculty)
3. Major duties in the Dental Faculty
4. Standing Committees and ad hoc Committees
5. Management Training and Development Institute, Washington, DC. Management Seminar, 1989. Philadelphia, PA, USA.
6. 1990- present: Acting Head of Department at different times and at present.
7. 1990-1996: Departmental Board Secretary, Anatomy Department, Faculty of Medicine, U. of K.
8. 1990 – 1999: Postgraduate MSc. of Human Morphology Coordinator and Convener.
9. 1990- 2009: Convener of Postgraduate Dental Studies.
10. 1997 – 1999: Head Department of Anatomy, Faculty of medicine
11. 1999 – 2000: Head department of Basic Sciences, Faculty of Dentistry.
12. 2000 – 2009: Vice Dean Faculty of Dentistry.
13. 2009 – now: Dean Faculty of Dentistry.

Department Improvements:-

Faculty of Medicine:

1. 1995-1996: Dissection room rehabilitation.
2. Museum rehabilitation of the Faculty of Medicine, 1997.
3. 1993 – 1999 Research activity and postgraduate training of MSc on Human Morphology.

Faculty of Dentistry Improvements:-

1. Staff Qualification
 1. New Faculty Building at Soba Feasibility study.
2. Upgrading of BDS Program
3. Postgraduate MSc, DDS & PhD Program
4. Dental Technology Program.
5. Sterilization room
6. Patient waiting area rehabilitation.
7. Lecture room establishment & rehabilitation.

8. X ray, Dental store, Medical engineer unit & student facility building.

National & Regional contribution:

1. Capacity building on Laser Medical & Dental applications for both local & regional candidates.

Professional:-

1. 1990- present: Dental care for management of CSA. Induced gingival over growth in renal transplant patients in the Sudan, Ibn Sina Hospital and Khartoum Dialysis Centre.

Extramural Activities:-

1. Member of the Working Sudanese Women Association.
2. Member of the Charity Association for Women University Students.
3. August – October 1992: Leadership Training in Civil Management, Cabinet Affairs.
4. January 1995: Supervision of Health Program, Students Association, University of Khartoum.
5. Jan 1995: Supervisor of Oral Health day – Kalakala Wehda Student Universities Society

Exchange Program:-

1. November 1993 – February 1994: Visiting Professor for Tikrit University, Faculty of Medicine, Anatomy Department, Undergraduate and Postgraduate Teaching.
2. October 1995 – January 1996: Visiting Professor for University of Science and Technology, Faculty of Dentistry, Undergraduate Dental Anatomy Course, Sana'a, Yemen.

Consultation:-

1. 1993: Dissection Room Design and requirements for Faculty of Medicine, El Fashir University.
2. 1995: Dissection Room Design and requirements and Anatomy and Dental Anatomy Museum, Faculty of Dentistry, University of Science and Technology, Sana'a, Yemen.

CREATIVE PROFESSIONAL ACTIVITIES

Professional practice, Service to the Profession/Discipline:

1. Consulting: Dental Management of CSA gingival Overgrowth in renal Transplant in Sudan.
2. Innovation in clinical practice: Laser application, 3D computerized Technology, Finite element analysis.

Professional Memberships:

2009 – now: Member of Dean Committee. 2009 – now: Member of academic advisory committee. 2010 – now: Member of [...]

1. 2009 – now: Member of Dean Committee.
2. 2009 – now: Member of academic advisory committee.
3. 2010 – now: Member of medical & health investment committee.
4. 2002 – now: Laser Institute Council & Scientific Board.
5. 1994- 2002: Member of Health Education Development Centre, Faculty of Medicine, University of Khartoum.
6. 2000 – now: Member of Both Faculty of Nursing & Medical Laboratories.
7. 2000 – present: Faculty of Science Board, U of K.
8. 1984-1990 – 2006 – now: Member of the International Association for Dental Research (IADR, USA).
9. 1981- now: Member of the Sudanese Doctors' Association.
10. 1985-1989: Member of the Graduate Students Association (USA).
11. 1980-1981: Academic Secretary, Dental Students' Association, Dental Faculty, Khartoum University.
12. 1994- now: Member of the Arab Society of Nephrology and Renal Transplantation.
13. 1994 – now: International Islamic Scientific Research Centre, Sciences and Medical Sciences Group.
14. 1990 – 1999: Member of the Curriculum Committee, Basic Medical Sciences (Anatomy), Stage II Committee, Faculty of Medicine.
15. 1993- 2003: Coordinator for university requirements (Islamic, English and Arabic Language), Medical Health Campus, Khartoum, Sudan.
16. 1993- 1999: Anatomy Department Representative on Arabization of Basic Medical Sciences Committee, Faculty of Medicine, University of Khartoum.
17. 1991 – 1999: Member of MSc. on Human Morphology.
18. 1990 – Now: Member of the Postgraduate Medical and Health Studies Board Council.
19. 1999 – now: Member of the Charity Association for Women University Students, University of Khartoum.
20. 1990 – 1999: Member of the Faculty Board of Medicine.
21. 1990 – now: Member of the Faculty Board of Dentistry.
22. 1991- now: Member of the University of Khartoum Staff Committee.
23. 1995 – now: Member of the University of Khartoum Senate.
24. 1992: Member of Staff Appointment Committee, Faculty of Medical and Health Sciences, El Fashir University, Dar-Four, Sudan.
25. 1996: Member of Academic Committee for BSc in Basic Medical Sciences degree at Omdurman Islamic University.
26. 1997 – 2003 Examination committee Secretary, Faculty of Dentistry.
27. 2000 – now: Member of Examination & Prize Committee, University of Khartoum.
28. 1999 – now: Member of the Scandinavian society for electron microscopy, year book 1999 – 2000.
29. 2000 – now: member of the Editorial board African Journal of oral health. Oral & Craniofacial Research associates (OCRA).
30. Jan 1997: Human Resources , Federal Ministry of Health, workshop of training of trainee in Nursing & Midwifery: Learning and Teaching of Behavioral Sciences.
31. 1997: Committee for teaching Basic Medical Sciences, Ministry of Higher education and Scientific research.
32. 1997: University environment Development Conference.
33. 2006: member of Animal House committee at Medical campus.
34. 2008: Member of Decentralization Committee for initiation and improvement for University of Khartoum administration system.
35. 2006: Member of the Continuous Education committee, Faculty of dentistry

Conferences and Workshops:

1986: American Association Dental Research Conference, Chicago, USA. 1987: International Dental Research Association Conference, Montreal, Canada. 1994: Tikrit University First [...]

1. 1986: American Association Dental Research Conference, Chicago, USA.
2. 1987: International Dental Research Association Conference, Montreal, Canada.
3. 1994: Tikrit University First Scientific Conference, Tikrit, Iraq.
4. December 1991: The First Dental Sudanese Conference.
5. December 1994: The Nineteenth Dental Arab Conference, Khartoum.
6. August 1993: The Third Conference for Nephrology and Transplantation, Riyadh, Saudi Arabia.
7. March 1993: Dundee, Faculty of Medicine Link Project, Teaching Workshop, Education Development Centre, Faculty of Medicine.
8. 1995: Curriculum Development Workshop, University of Juba, Education Development Centre, Faculty of Medicine.
9. 1993: WHO – Khartoum Dental Assistant Workshop, School of Dental Assistants, Omdurman.
10. 1996: Workshop on Women and gender Conflict, Centre for Developing Research and Studies, Faculty of Sociology and Economics, University of Khartoum, Sudan.
11. 1995: Workshop on Dental Technology, Faculty of Medicine and Health Sciences (El Ahlyia Omdurman University) and Dentistry, University of Khartoum, Centre for Education Development, Faculty of Medicine, University of Khartoum.
12. 2002: Arabization workshop, Faculty of Medicine.
13. 2001: Workshop on Evaluation of students performance at the Faculty of Development & Technology, Dental Technology program, U. of K.
14. 2002: Ministry of Higher Education & Research Workshop, States Admission – Faculty of Dentistry Experience.
15. 2005: First Laser Scientific Activity.
16. 2005: First Medical Education Conference, Faculty of Medicine – Dental Education: A cohort Model.
17. 2007: Second Medical Education Conference, Faculty of Medicine: Faculty of Dentistry Curriculum Reform.
18. University of El Gazera, Faculty of Dentistry Curriculum.
19. International African University, Faculty of Dentistry curriculum.
20. Elrazi College for medical and technological studies, Faculty of Dentistry curriculum and dental technology curriculum.
21. Khartoum Medical college, Faculty of Dentistry Curriculum.
22. Academy of Medical Sciences and Technology, Faculty of Dentistry curriculum.
23. The National college for Medical and technological Sciences Curriculum.
24. The National Ribat University, Faculty of Dentistry and technology curriculum.
25. WORK SHOP ON Promotion of Research in Dental Science – June 2008.
26. Research Methodology Course: Scientific writing and Proposal writing , Faculty of Dentistry, UofK, 17 – 25 March 2003.
27. Workshop of Health Research Strategy in Sudan, Medical Specialization Board and Federal Ministry of Health, 1-2 March 1997.
28. The need for behavioral Sciences in the dental curricula, First Psychology conference – August 2005.
29. Student centered learning: part I: student centered learning- the supporting teaching strategy and methods and part II: quality assurance in institutional summative assessment. Educational development centre for health professions and WHO collaborative centre. 10 – 14/8/2008.
30. First IADR – Sudanese section scientific conference – March 2008.

Dental and Medical Education:

Assessment and Evaluation training course. Education Development Centre for Health Professions, University of Khartoum, Faculty of Medicine in Collaboration with [...]

1. Assessment and Evaluation training course. Education Development Centre for Health Professions, University of Khartoum, Faculty of Medicine in Collaboration with WHO. Aug/Sep. 1999. Khartoum.
2. Member of University of Maryland, Center for Teaching Excellence. 19985 – 1989. USA.
3. Member of the EDC, Faculty of Medicine, Khartoum University.
4. Examination Committee – Faculty of Dentistry , U.of K.
5. University of Khartoum Examination and Prize Committee . 1996 – 2009.
6. First and second Medical Education Sudan Conference: 2005 & 2007.

Student Support:

1. Academic advisor for 3rd BDS students, Faculty of Dentistry, UofK.
2. Member of student tuition fees, U.of K.
3. Member of student union election committee.
4. Faculty of Dentistry students interview for admission committee.

Publications

Submenu

- [I Peer-reviewed Journal Articles Published or In Press Published:](#)
- [II Papers submitted to Peer-reviewed Journals:](#)
- [III Books, Book Chapters, Proceedings, Non Peer-reviewed Articles:](#)
- [IV Abstracts Presented:](#)