

Nazik Nurelhuda

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Bilingual Arabic/English

Qualifications

PhD - Degree of Philosophiae doctor - Major in Community Dentistry, University of Bergen, Norway 2011

MFDRCSI - Diploma of Member of the Faculty of Dentistry Royal College of Surgeons in Ireland, November 2008

BDS - Bachelor of Dental Surgery, with distinctions in Paediatric Dentistry and Oral Surgery– University of Khartoum, Sudan July 2002

International Certificate in Risk Management– The Institute for Risk Management (IRM) – London – Sept, 2015

Registration

- Specialist in Dental Public Health, General Medical Council, Sudan
- General Dentist, General Medical Council, Sudan

Awards

- Tony Volpe Award, 2014 – Senior Dental Leaders Programme – Global Child Dental Fund.
- Prize for Best Student, Oral Surgery and Paediatric Dentistry, July 2002.

Current employment

- National technical consultant to developing health systems unit, World Health Organization, Sudan Country Office
- Assistant Professor in Dental Public Health – Faculty of Dentistry, University of Khartoum

Working Group Membership

- Member of the Oral Health Working Group – World Federation of Public Health Associations

Work Experience

Jan 2012 - current	Assistant Professor of Dental Public Health – Faculty of Dentistry, University of Khartoum.
March 2011 - current	Dentist at Almasa Centre for Child Dentistry.
Sep 2014 – Dec 2015	National technical consultant to developing health Systems Unit, World Health Organization, Sudan Country Office. Support Developing Health Systems unit in implementing activities related to health systems' strengthening. These include coordinating, monitoring and implementing health policy, strategy and planning, policy dialogue and aid effectiveness projects.
March 2011 - April 2013	Knowledge Plus unit co-ordinator at the Public Health Institute – National Ministry of Health – Khartoum, Sudan Unit was concerned with knowledge translation-related research and dissemination activities to enhance interactive engagement between the research and the Sudan health care system.
Aug 2006 - Feb 2011	Engaged in PhD program, Behavioural and Community Dentistry Research Group, University of Bergen.

Clinical Experience

Oct 05 - July 06	Clinical training at the Department of Paediatric Dentistry, as part of the MSc program.
July 05 - Sept 05	Basic science postgraduate course – Part 1 of MSc Paediatric Dentistry.
Jan 05 - July 05	Attachment at the U of K, Dept. of Restorative Dentistry - Teaching assistant.
July 04 - Dec 04	Worked at the School Dental Health Program with the Ministry of Health, Khartoum.
March 04 - June 04	Teaching Assistant at University of Khartoum, Dept. of Oral Surgery and later Dept. of Restorative Dentistry. Also an organizer with the Continuous Education Team, Ministry of Health
March 03 - Feb 04	Housemanship in the following departments, Oral and Maxillofacial Surgery – 6months, Prosthodontics – 2 months, Paed/ortho – 1 month, Restorative 2 months, Periodontics – 1 month
Aug 02 - Jan 03	Clinical attachment at the Department of Health and Medical Services, DUBAI

Research, Programme and Management Experience

- Consultant Researcher on research project: *Employing Mobile Technology for Enrolment of Informal Sector in The National Health Insurance: Feasibility and Acceptability* – 2015
 - Public Health Institute is leading this research through partnership with IT consultant experts from MoeenICT Company and Sofrecom. This research project aims to study the feasibility of implementing mobile phone solutions as mechanism for improvement of enrolment of the informal sector into the National Health Insurance Fund.
- Co-founder of the Educational Project: *WHO simulation model in Sudan*- 2014
 - WHOMS 14 was an informal education program simulating the World Health Organization regional committee meeting, among students and fresh graduates in the Sudan health field. This project brought together participants from diverse backgrounds, from health to IT and business. It served as an opportunity for students and junior professionals to develop important soft skills discuss key issues in global health and to start inter-professional relationships in order to develop a deeper understanding of health and more sustainable solutions to its problems. By assuming the role of a country's ambassador to the WHO, a non-governmental organization representative, a pharmaceutical representative or a journalist, participants work with their peers to develop resolution papers that address the different global health theme chosen, a process during which they gain and use the knowledge and skills in an informal role play environment.
- Chair of working group on the research project: *Health Impact Assessment in the oil and gas industry in Khartoum, Sudan (Khartoum Refinery Company)* – 2013,
 - The main objective was to determine the positive and negative impacts of Khartoum Refinery Company on health of the local populations, using a modified version of the model for HIA presented in the Merseyside Guidelines for HIA by the Merseyside Health Impact Steering Group (Scott-Samuel et al., 1998).
- Member of the working group of research project: *Attracting junior doctors to work in rural areas – A Discrete Choice Experiment* – 2012
 - The objective of this study was to ascertain preferences of junior doctors for rural jobs and test these through a discrete choice experiment, which is a tool to assess the stated preferences for goods, services, or programs as a function of their attributes. An important strength of DCEs is that, unlike studies of revealed preference (i.e. actual past choices) they can assess preference for aspects of programs that have not yet been implemented.
- Member of the working group of the *Review of the National Health Policy for the Federal Ministry of Health*, 2013

- Principal investigator, *Analysis of Human Resources for Health policies in Sudan*, 2012
 - Policies were analyzed using the policy triangle framework developed by Walt and Gilson.
- Member of the Taskforce, *Development of National Cancer Strategy for the Federal Ministry of Health* – 2011
- Editor in chief and founder of *The Evidence Newsletter* – Public Health Institute – 2011 to April 2013. <http://www.phi.edu.sd/newsletter>
- Principal investigator, PhD project - *Aspects of Dental caries among Sudanese Schoolchildren* 2006 – 2011.

Organizing Training Workshops

- Main facilitator: Policy communication Workshop (PRB, WHO, Ahfad University, UNFPA)
- Main facilitator: Leadership working styles according to Margerison-McCann Team Management Wheel – University of Khartoum
- Main facilitator: How to conduct a systematic review – course for Faculty of Dentistry University of Khartoum.
- Basic procedures in Paediatric Dentistry – hands on course, 2011 Lead organiser.
- Knowledge Management in Healthcare in Sudan <http://km4phc.blogspot.com/> - co-organiser
- TEDx KhartoumWomen with the theme: Claiming our space. Event held in collaboration with TEDxWomen 1 Dec – Team leader for Budget and sponsor relations.

University Teaching Experience

- Dental Public Health for undergraduate and postgraduate students.
- Research methodology (qualitative and quantitative) and basic biostatistics for undergraduate and postgraduate students.
- Health Policy – MSc DPH – Sudan Medical Specialisation Board and Ahfad University.
- Conduct software training for undergraduate and postgraduate training in endnote and basic and advanced literature search on PubMed.

Research Supervision

Master thesis:

- Determinants of utilisation of dental services among beneficiaries of the health insurance fund scheme – co-supervisor
- Oral health related quality of life of children with renal impairment and undergoing dialysis.
- Systematic review in Community Based Health Insurance
- Oral health status of leukemic children
- Oral health care seeking behaviour of Sudanese teachers in primary schools- Khartoum locality

Key undergraduate thesis:

- Oral health literacy in patients with special needs – Diabetics and patients with heart disease
- Prevalence of Ameloblastoma – a laboratory based study

International Conference Presentations

Challenges facing dentistry in Sudan

Sudanese Dental Association's 8th conference in Khartoum December – 2015

WHO simulation model Sudan (WHOMS-14); a case study of peer-assisted learning

Nurelhuda NM, Ahmed AY

The Sixth Graduate College Annual Conference 2015, University of Khartoum

Challenges facing dentistry in Sudan

Senior Dental Leaders' Programme, organized by Global Child Dental Fund –London March 2014

Encouraging adoption of Health solutions by public health authorities

Paper presented at GSMA mobile health summit 2012, Cape Town by

Muna I Abdel Aziz, Deputy Director, Public Health Institute – Sudan (presenter)

John Soady, Public Health Specialist, NHS Sheffield, UK

Sally Soady, Head of IT, NHS Sheffield, UK

Nazik Mustafa, Knowledge Plus Coordinator, Public Health Institute - Sudan

Oral health of visually challenged schoolchildren Khartoum State, Sudan

Oral presentation at IAPD, Athens, June 2011

Caries experience and quantification of oral streptococci in Saliva

Oral presentation at the 2nd IADR – Sudan Division meeting in Khartoum, Sudan

February 2011

Evaluation of an Arabic version of Child-OIDP in the Sudan
Poster presentation at the 4th Conference on Global Health and Vaccination Research,
Oslo, Norway November 2009

Sugar intake and caries among Sudanese 12-year-olds; A school based survey
Poster presentation at the IADR/AADR/CADR General Session & Exhibition in
Miami, Fla., USA April 2009

Oral health of Sudanese children in school sectors; a comparison
Oral presentation at the PEF IADR meeting in London, UK September 2008

*Prevalence of Streptococcus mutans in saliva of 12-year-old Sudanese school
children*
Poster presentation at 'the Gade Institute poster day' University of Bergen, Norway,
July 2008

Publications

Oral health of visually impaired schoolchildren in Khartoum State, Sudan
Azza Tagelsir, Ahmed Eltigani Khogli, Nazik Mostafa Nurelhuda
BMC Oral Health 2013, 13:33 (DOI:10.1186/1472-6831-13-33)
(Article designated as highly accessed)

*Correlation between caries experience in Sudanese school children and dietary
habits, according to a food frequency questionnaire and a modified 24-hr recall
method*
NM Nurelhuda, MK Malde, MF Ahmed, TA Trovik
African Journal of Food Agriculture and Nutrition 2013, 4
<http://www.ajfand.net/Volume13/No2/Nazik11735.pdf>

Promoting access to high quality primary health care services in Sudan – policy brief
published on WHO website
<http://www.who.int/evidence/PHCPolicyBriefSudan2012.pdf>

Aspects of dental caries in Sudanese Schoolchildren – PhD thesis
BORA - UiB
<https://bora.uib.no/handle/1956/4560>

*Evaluation of oral health-related quality of life among Sudanese school children
using Child-OIDP inventory*
Nazik M Nurelhuda, Mutaz F Ahmed, Tordis A Trovik, Anne N Aastrom
Health and Quality of Life Outcomes 2010, 8:152
(Article designated as highly accessed)

*Caries Experience and Quantification of Streptococcus mutans and Streptococcus
sobrinus in Saliva of Sudanese Schoolchildren*
N.M. Nurelhuda, M. Al-Haroni, T.A. Trovik, V. Bakken
Caries Research 2010;44:402-407 (DOI: 10.1159/000316664)

Oral health status of 12-year-old school children in Khartoum state, the Sudan; a school-based survey

Nazik Mostafa Nurelhuda, Tordis Agnete Trovik, Raouf Wahab Ali, Mutaz Faisal Ahmed

BMC Oral Health 2009, **9**:15 (DOI:10.1186/1472-6831-9-15)

(Article designated as highly accessed)

Software Skills

- Microsoft Office –Very good command
- SPSS – very good command
- STATA – good command

Key Courses Attended

- WHO Advanced course in Universal Health Coverage – Barcelona, June 2015
- Discrete Choice Analysis: Predicting Demand and Market Shares - Massachusetts Institute of Technology (MIT), USA – 2012
- Global Program Management and Leadership course - University of Washington – 2012
- Policy Brief Writing Course organized by McMaster University, WHO and FMOH- 2012

References

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