

# Lina Faisal Mohammed Altayeb, Assistant Professor

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## Profile

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High achieving academic with rich and unique experience in teaching, research and academic support, seeks to use her competencies in higher education in areas of clinical pharmacy and pharmacy practice.

## Education

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### **Sudan Medical Specialization Board, Sudan (2021-2022)**

MSc in Health Professions Education.

Modules: Curriculum design, learning and teaching methods, learners' assessment, educational leadership and management, clinical teaching and community-based education, quality and accreditation etc.

### **University of Aberdeen, United Kingdom (2017 – 2020)**

PhD, Applied Health Sciences.

Thesis title: 'Optimising kidney care: using health informatics to understand medication in kidney patients'.

Area of research: Clinical Pharmacy, Pharmacoepidemiology and Health Informatics.

### **University of Medical Sciences and Technology, Sudan (2015–2016)**

Diploma of Research Methodology and Biostatistics, Distinction

Modules: Quantitative and qualitative research, biostatistics and data analysis.

### **University of Medical Sciences and Technology, Sudan (2010-2012)**

MSc. in Clinical Pharmacy, Very Good.

Modules: Pharmaceutical Sciences, Clinical pharmacy.

### **Omdurman Islamic University, Sudan (2004-2009)**

BSc (Hons) of pharmacy, First Class.

## Work Experience

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### **Assistant professor and Head Department of Pharmacy Practice, Omdurman Islamic University, Khartoum-Sudan (Aug 2020- present)**

- Design and implement new competency-based pharmacy practice courses using innovative teaching and assessment methods.
- Teach courses in clinical pharmacy and pharmacy practice including therapeutics, pharmacoepidemiology, pharmacovigilance, drug utilization research, drug information service, evidence-based practice, pharmacy informatics etc to undergraduate and postgraduate students.
- Supervise research projects of undergraduate and postgraduate students in the area of clinical pharmacy and pharmacy practice.
- Internal and external examiner for undergraduate and postgraduate students in the area of clinical pharmacy and pharmacy practice.
- Take part in faculty board meetings and various committees (curriculum, accreditation, e-learning etc.).

- Manage human and physical resources.

**Student Resident Assistant (SRA), University of Aberdeen- United Kingdom (Oct 2017- June 2020)**

- Provide guidance, information and support to student residents who may be experiencing a range of difficulties and issues from homesickness to exam stress.
- Refer students to appropriate professional services as required.
- Provide mediation to help residents resolve difficulties arising from communal living.
- Carry out a programme of rolling house/flat visits throughout the academic year.
- Raise awareness of the SRA service and events through individual contact with students, social media and advertising.

**Independent data collector, University of Aberdeen- United Kingdom (May- Jul 2019)**

- Collect data from residents' files in care homes as part of the CHIPPS study.

**Lecturer, Department of Clinical Pharmacy, Omdurman Islamic University, Khartoum-Sudan (Jan 2013 – July 2020)**

- Teach undergraduate courses in clinical pharmacy.
- Supervise graduation projects of final year students.
- Prepare exams, mark students' papers, tutorials and assignments.
- Deliver interactive tutorials both in the teaching hospital and university at the undergraduate and postgraduate level.
- Organize and coordinate clerkships for master's students.
- Provide academic support to undergraduate students

## Relevant Work Experience

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**Non-Medical Personal Assistant, University of Aberdeen- United Kingdom (Sep 2017- Sep 2018)**

- Scribing and reading written examinations for students with disability.
- Taking notes in lectures/tutorials for students with disability.

**Officer and director of supplies unit, Federal Ministry of Health (FMOH)- Directorate of Health Emergency and Epidemic Control, Khartoum-Sudan (Sept 2011 – Feb 2015)**

- Provision of centralized government emergency medical and non-medical stocks.
- Procurement of the required medical and non-medical stock according to the risk profile analysis.
- Planning and monitoring of medical supplies as well as distribution of essential supplies to much needed country provinces.
- Management of Supply chain.

**Pharmacist, various pharmacies, Khartoum-Sudan (October 2009 – Sept 2011)**

- Dispensing prescriptions/medicines for in-patient and out-patient and over the counter drugs.
- Counselling and providing drug information's to patients in the community.
- Managing, supervising and training pharmacy support staff.
- Liaising with doctors about prescriptions.

## Scientific Research Experience

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- Reviewer for the International Journal of Pharmacy Practice (official journal of the Royal Pharmaceutical Society-UK) (2017- Present)
- Reviewer for the African Pharmaceutical Journal (official journal of the University of Aljazeera-Sudan) (Apr 2022-present)

- Editor-in-chief, Omdurman Journal of Pharmaceutical Sciences (official journal of Omdurman Islamic University-Sudan) (*August 2022-present*)

## Achievements and Awards

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- Elphinstone PhD scholarship, University of Aberdeen, 2017.
- NHS Grampian Endowment Fund, 2018.
- Best poster prize, NHS Grampian Research and Development Annual Conference, 2019.

## Public Engagement and service

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- Research capacity building program. Session on systematic reviews and meta-analysis. Omdurman Islamic University, Sudan, Sep 2021.
- Aberdeen Centre for Health Data Science (ACHDS) public workshop. Healthy ageing: what does it mean to you?. University of Aberdeen May Festival, 2019.
- ACHDS drop-in activity. How health data is linked and why? University of Aberdeen May Festival, 2018.

## Skills Profile

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### Data Analytical Skills

- Experienced user of SPSS statistical software package.
- Experienced user of STATA statistical software package.

### Training in Health data

- Health Informatics course, University of Aberdeen, UK, Jan-Mar 2018.
- Introduction to the use of administrative data in social and health research course, Administrative Data Research Centre, UK, Dec 2017.
- Several courses on Good Research Practice, Applying for Research Ethics Review and Research Data and Confidentiality, NHS Grampian Research and Development, UK, 2017-2019.

### Training in other areas

- Full certification as Clinical Pharmacist- Sudan Medical Council, June 2013.
- Master class on starting out in critical care, Khartoum-Sudan, 2015.
- International supply chain management certificate, international purchasing and supply chain management institute, Jordan, 2015.
- Certification in Humanitarian Medical Logistics Practices, The Chartered Institute of Logistics and Transport, UK, 2018.
- National assessment of hospitals safety and preparedness for disasters workshop as a medical evaluator, WHO, Feb 2013.
- National capacity assessment of emergency preparedness and response workshop, WHO, April 2012.
- Emergency response training course, MSF, 2014
- Various training courses and field trip in health economics and management, Geneva-Switzerland, 2014.
- Participated in various conferences on pharmaceutical sciences in the UK, Gulf region, and Sudan, 2012-2019.

### Communication and presentation

- Teaching and providing academic and pastoral support to university students.
- Presented at various conferences and workshops to people from various backgrounds: researchers, patients', managers and health professionals.
- Managed communications with patients', doctors and healthcare professionals throughout my career.

### **Team working and leadership**

- Leading and working closely with other faculty members to attain the best teaching outcomes.
- Led various teams of pharmacy support staffs and administration personnel throughout my work experience.
- Managed and motivated a team of 3 pharmacists to complete various projects under tight deadlines and budgets while the director of supplies at the FMOH-Directorate of Health Emergency and Epidemic Control.

### **Initiative and working under pressure**

- Took own initiatives to lead projects to successful completion throughout my work experience.
- Organized extracurricular activities to undergraduate students.
- Managed the successful delivery of large-scale government projects under tight time and budget constraints while the director of supplies at the FMOH-Directorate of Health Emergency and Epidemic Control.

## **Conferences**

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### **Poster presentations**

- [Altayeb L](#), Marks A, Sawhney S, Mclernon D, Black C. High risk medicines use in patients with impaired kidney function: a data linkage population cross-sectional study. [Royal Pharmaceutical Society Annual Conference 2019](#). London, 2019.
- [Altayeb L](#), Marks A, Sawhney S, Mclernon D, Black C. Reducing high risk prescribing harm in patients with impaired kidney function: a data linkage population study. [NHS Grampian Research and Development Annual Conference 2019](#). Aberdeen, 2019.

### **Oral presentations**

- [Altayeb L](#). High risk medicines use in patients with impaired kidney function: a data linkage population cross-sectional study. School of Medicine, Medical Sciences and Nutrition Postgraduate Research Conference Winter 2019. University of Aberdeen, 2019.
- [Altayeb L](#). Optimising kidney care: using health data informatics to understand medications in kidney patients. Chronic Disease Research Group. University of Aberdeen, 2017.

## **Publications**

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- Badi S, Abdalla A, [Altayeb L](#), Noma M, Ahmed MH. Adherence to Antidiabetic Medications Among Sudanese Individuals With Type 2 Diabetes Mellitus: A Cross-Sectional Survey. *Journal of Patient Experience*. April 2020:163-168. doi:[10.1177/2374373519831073](#).
- [Altayeb L](#), Marks A, Sawhney S, Mclernon D, Black C. High risk medicines use in patients with impaired kidney function: a data linkage population cross-sectional study. (Under process)
- [Altayeb L](#), Marks A, Sawhney S, Mclernon D, Black C. Grampian real-world kidney platform: cohort profile and use of high risk medicines in patients with impaired kidney function. (Under process)

## Interests

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- English (Fluent); Arabic (native).
- Active participant in organizing scientific and social events, festivals and exhibitions.
- Enjoy walking, travel, movies, cultural events, music, art and craft.

## References

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References are available upon request.