

## personal Data

Name : Ahmed Mohammed Abdel Halim  
Nationality : Sudanese  
Marital status : Married  
Language : Arabic – English  
Date of birth : 1971  
Address : Khartoum – Sudan  
Faculty of Medical Laboratory Sciences, University of Khartoum.  
Deputy Dean.  
E-mail : amhalim 1971@Gamial .com  
Tel : 0914291937

## Academic Qualifications

Ph.D. Degree by Research in Mining Engineering in the Area of Rock Engineering, Department of Mining Engineering, Khartoum University, Year-2010. [...]

### Ph.D.

Degree by Research in Mining Engineering in the Area of Rock Engineering, Department of Mining Engineering, Khartoum University, Year-2010.

### M.Sc.

Degree by Research in Building Technology, Building and Road Research Institute, Khartoum University, Year-2002.

### B.Sc.

Degree (Honor) in Mining Engineering, King Abdul-Aziz University, Jidda, Saudi Arabia, Year-1982.

## Teaching experiences:

Teaching & Demonstration of practical curriculum 2 end- third & 4th year) of Microbiology – The duties include – Media preparation, Isolation, Identification of bacteria, Fungi & Viruses.(1995-2000).

- Organizing & teaching Basic Immunology & Immunodiagnostic techniques to 2nd – third –4th –5th years to students of MLSC – U of Khartoum.(2000-2009).
- Organizing & Teaching protozoology course to the students of MLSC ( 2nd – 4th years (2001-2004).
- Organizing & Teaching Diagnosis & total quality management of parasitic infections – 4th years ( Faculty of MLSC – U of Khartoum, Sharg El Neel College).(2003-2009).
- Organizing & Teaching – Immunology model of the students of Msc- qualifying year

programme –Faculty of MLS- U of Khartoum (2003-2009).

- Organizing & Teaching Basic Immunology course to the Port Sudan Ahlia College – Medical Lab. Sciences programme. (2nd –3rd & 4th year) and to the National Sudan University (2001-2009).

- Collaborative in teaching Medical Lab. technology in different medical laboratory faculties in Sudan including:

Gezira, El Neelin – Elazhari port Sudan, Sudan National University.(2000-2009).

## Summary of Work Experience

Position: Duties of This Position: Assistant Professor: Department of Mining Engineering, Khartoum University from 2010 till present. Head of [...]

### Position:

**Assistant Professor:** Department of Mining Engineering, Khartoum University from 2010 till present.

**Head** of Mining Engineering Department, from 2010 till present.

**Lecturer:**Department of Mining Engineering, Khartoum University, from 2002 to 2010.

**Teaching Assistant:** Department of Mining Engineering, Khartoum University from 1998 to 2002.

### Duties of This Position:

Giving lectures for postgraduate and undergraduate students in the areas of Advanced Surface Mining and Underground Mining, Rock and Soil Mechanics, Engineering Geology, Mine Slope Stability, Mine Laws.

Supervising the B.Sc. Projects for the Undergraduate Students of Mining Engineering.

Consultation for the Followings Industries and Companies:

\*Engineering Services and Design

\*Atbara Cement Factory

\* Building and Road Research Institute

Lecturing the followings subjects: Introduction to Mining Engineering, Rock and Soil Mechanics, Environmental Engineering, Engineering Geology, Mine Safety, Mine Laws, Mine Ventilation, Mining Geology, Rock Blasting.

Supervision of Rock and Soil Mechanics Laboratories.

Given Lectures for the Undergraduate Students in Introduction to Mining Engineering and Environmental Engineering courses.

**Position****Duties of This Position:****Mining Engineer:**

\*Kara Company for Trade and Services,  
Saudi Arabia, from 1982 to 1986.

\*Ajaj Company for Crushing Aggregates  
and Concrete Making, from 1986 to 1990.

Engineer in the Department of Rock Cutting Using  
Explosives, in the Field of Tunneling and Rock  
Benches.

**Courses & Workshops and Conferences attended:**

Molecular biology of parasitic diseases Faculty of Medicine – Inserm u 399 (10th  
December – 105th March 2002). France Mareille.

II. Training courses on:

- 1- Isolation & cryopreservation of leishmania parasites.
- 2- Mass culture and sio-enzymatic identification of leihmania parasites.
- 3- Cultivation and maintenance of P.falciparium. Faculty of Medicine –Mon pellier  
(France) 8/8-4/2/2002).

III- The 11th international course for clinical immunology of infectious diseases – Total  
quality management, Faculty of Medicine, Suez Canal University – November 12th to  
Dec.20th 2006.

Workshop on:

- Curriculum development –Soba University Hospital 21-23/3/2007.
- Workshop on identification & classification of Leishmania Parasites-monpellier-  
France (2002).

**Training**

-Trained in the field of surface and underground mines at Republic of South Korea, for  
two months in the year [...]

- -Trained in the field of surface and underground mines at Republic of South  
Korea, for two months in the year 1980.
- -Trained in the field of tunnel engineering at Jabal Gobias, Makah, for two  
months in the year 1981.
- -Trained in Almasani Mines for Zinc and Copper in Saudi Arabia for two months.

## Research activities:

Diagnostic accuracy of leishmaniasis.

- II. Drugs resistance mechanisms of leishmania parasites.
- III. Serodiagnostic tests of leishmaniasis.
- IV. Primary isolation, mass cultivation, cryopreservation and iso enzyme analysis of leishmania parasites.
- V. Protozoa – culture
- VI. Isolation & identification of bacteria.

## Supervision:

2008: B. Sc. Intestinal parasites among cancer patients: Evaluation of different diagnostic methods in Khartoum State.

2008: M. Sc. The validity of latex agglutination test for diagnosis of toxoplasmosis in HIV infected individuals using ELISA test as a reference method.

2010: B. Sc. The prevalence of Schistosoma mansoni in children of Managil area.

2011: B. Sc. Comparison between microscopic methods and culture for diagnosis of Amoebic dysentery and giardiasis.

2009: M. Sc. The rate of anti-Toxoplasma gondii antibodies among the humans and animals population in Khartoum State, the latex agglutination and ELISA tests.

## Publications:

Contributed in 4 published paper in well original journals in the areas of Kalazar rapid diagnostic tests, TB/Hiv co-infection, kala-azar/Hiv co-infections. In addition to 2 papers submitted for publications.

- Internal examiner for MSc degree. Contributed as internal examiner for 4 students in the Faculty of MLSC- U. of Khartoum.
- External examiner:
- Contributed as external examiner for one student for MSc degree at the Faculty of MLSC-U. of Omdorman Islamia.
- Contributed as external examiner for Evaluation of some dissertatim for students at the Faculty of MLSC-Gezira University.
  
- S. H. ElSafi, A. Abdel-Haleem, A. Hammad, I. ElBasha, A. Omer, H. G. Kareem, M. Boelaert, M. Chance and M. Hommel. 2003. Field evaluation of latex agglutination test for detecting urinary antigens in visceral leishmaniasis in Sudan. Eastern Mediterranean Health Journal, 9(4):844 – 855.
- S. H. ElSafi, N. Hamid, A. Omer, A. Abdel-Haleem, A. Hammad, H. G. Kareem and M. Boelaert. 2004. Infection rates with Leishmania donovani and Mycobacterium tuberculosis in a village in eastern Sudan. Tropical Medicine and International Health, 9(128): 1305 – 1311.
- Saad A. A., Ahmed N. G., Osman O. S., Al Basheer A. A., Hamad A., Deborggaive S., Bucher P., Schoone G. J., Schendlig H. D., Laurent T, Haleem A., Osman O. F.,

Eltom A. M., El bashir M. I. and El Safi S.2010. Diagnostic accuracy of the leishmania oligoC-test T and NSBA-oligochromotography for diagnosis of leishmaniasis in Sudan. Plos Negl Tropical Dis, 4(8): 776