

PERSONAL INFORMATION



Zeinab Mohammed Mekki Kanani

📍 Faculty of science, University of Khartoum, Khartoum, Sudan.

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Sex female | Date of birth 01/08/1983 | Nationality Sudanese
Married

Ph.D in plant physiology and biochemistry

WORK EXPERIENCE

January 2017- present

Assistant professor

University of Khartoum, Khartoum, Sudan

Teaching plant physiology.

Supervising 5th year students (plant physiology & biochemistry graduation projects)

May 2013 – January 2017

Lecturer

University of Khartoum, Khartoum, Sudan.

- Responsible for practical sessions, preparing lab experiments, assist students with their graduation projects

December 2008 – May 2013

Teaching assistant

University of Khartoum, Khartoum, Sudan.

- Responsible for practical sessions, preparing lab experiments, field works.

September 2006-September 2007

National service

Industrial research and consultancy center, Ministry of science and technology, Khartoum, Sudan.

- Quality control and microbial analysis.

EDUCATION AND TRAINING

2013-2016

Ph.D- Secondary metabolites production in cultured tissues of *Datura* and *Solanum* species.

Department of Botany, Faculty of Science, University of Khartoum, Sudan.

- Plant tissue culture.
- Secondary metabolites.
- Plant stress.

2010-2012

M.Sc. - Thesis title: " A study on the biochemical and physiological responses of *sorghum bicolor* five genotypes to NaCl"

Department of Botany, Faculty of science, University of Khartoum, Sudan

- Plant tissue culture.

2001-2006

Bachelor of Science in Biology- (botany) - First honours degree with university prize

Department of Botany, Faculty of science, University of Khartoum, Sudan

- Botany (biochemistry- physiology-microbiology- genetics- ecology-anatomy), zoology, chemistry, physics and mathematics.

8th-17th may 2011

Training course on fundamental of plant, cell and tissue culture

Forestry Research Center, Forestry Tissue Culture lab, silviculture section/ Sudan

- 10th-14th. Jan 2010 **Training course on secondary metabolites of tissue culture**
National Center for Research, Commission for Biotechnology and Genetic Engineering/Sudan
- Tissue culture techniques.
 - Tissue culture (callus initiation).
 - Secondary metabolites extraction.
 - TLC.
- 8th-11th. Aug 2010 **Initial course in basics of scientific research**
University of Khartoum, advanced training & performance development center / Sudan
- Jul.2010 **Initial course in System and Methods of University teaching.**
University of Khartoum, advanced training & performance development center / Sudan
- Oct-Nov. 2009 **Initial course in Educational preparation.**
University of Khartoum, advanced training & performance development center / Sudan
- Jun. 2008 **Mental arithmetic course.**
Al Ertigaa privet school. Khartoum North. Sudan.
- Oct-Nov.2007 **Training course in quality control of meat products.**
Industrial research & consultancy center, Ministry of Science & Technology.
Khartoum North. Sudan.
- Microbiology.
- Sept.2005 **Training at the Biofertilization Department**
Environment and National Research Institute / Sudan
- Aug. 2003- Aug. 2004 **Reproductive Health project**
Directorate general of health planning and development, Federal Ministry of Health, Sudan
- Voluntary work.
 - Guidelines for filling in the Questionnaires.
 - social work in rural areas

PERSONAL SKILLS

Communication skills

- Experienced in giving presentations/ seminars to large audiences.
- Team work: cooperate with my colleagues and department in different ways such as solving some laboratory experiments and research problems, timetable preparation and undergraduate examination.
- Good relation and communication with my students and their parents.

Organisational / managerial skills

- Organizing workshops.
- Participate and organising of faculty/ department events (graduation, external examiners schedule educational programmes).
- Field work preparations.
- Leadership (lead more than 30 students on field work).

Computer skills

- Diploma in professional office management in computer. UNESCO National Educational Network

- Projects**
- Fifth year project on (Antibacterial and phytochemical screening of two Sudanese medicinal plants).
 - Master degree project on (A study on the biochemical and physiological responses of *sorghum bicolor* five genotypes to NaCl).
- Awards**
- ❖ University prize for the best academic performance, University of Khartoum (2006).
 - ❖ Dr. Babiker fadl allah honorary prize for the best academic performance in plant ecology (2006).
 - ❖ Winning the minister of higher education prize for academic excellence (2009).
- References**
1. **Prof. Sayadat El-Tigani Mohamed, Professor, Department of Botany, Faculty of Science, University of Khartoum. Sudan.**
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 2. **Prof. Sakina Yagi, professor, Department of Botany, Faculty of Science, University of Khartoum. Sudan.**
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