

AISHA ALKHNAJARI
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EDUCATION

Master of Science – Environmental Science September 2014 – April 2019 Faculty of Science,
Department of Biology, University of Prince Edward Island

Relevant Subjects:

- Microbiology
- Environmental Science
- Metagenomics and Molecular Biology
- Bioinformatics, Directed studies, Seminar, Thesis

English as a Second Language Courses September 2012 – April 2014 Dalhousie University,
College of Continuing Education, Halifax, Nova Scotia

- Intensive English Courses including Grammar, Reading and Writing, Oral Communication and Preparation for Academic Studies

Bachelor of Science September 2003 - June 2007 Faculty of Arts and Sciences, Department of
Biology, Aljabal Algharbi University, Libya

Relevant Subjects:

- Teaching Methods
- Research Methods
- Plant Anatomy
- Microbiology
- Cytology
- Genetics
- Plant Physiology
- Biochemistry

Skills / Abilities

- Excellent communication skills
- Working independently and in group
- Enthusiastic to do extra work to gain profitable experience

- Computer proficiency which includes Word, PowerPoint, and Excel
- Willing to learn

PROFESSIONAL EXPERIENCE

- Bacterial metagenomics
- DNA Extraction from soil and plant
- Polymerase Chain Reaction (PCR)
- Gel electrophoresis
- Teacher Assistant, Aljabal Algharbi University, Libya
- English, Math, Computer science and Biology Tutor

Volunteers work

- Harvesting and planting
- English, Arabic and Science Tutor
- Teacher Assistant, Aljabal Algharbi University, Libya February 2009 -November 2009
Instructed undergraduate Biology students in Zoology and Plant Biology

Permanent employee

February 2009 – June 2012

- Instructed undergraduate Biology students in Parasitology, Algae and Zoology
- Maintained biology teaching labs and equipment
- Maintained chemical, culture and media inventories including preparation of media and cultures, and maintenance of living and non-living materials
- Prepared and setting up lab equipment and supplies for teaching
- Oversaw hazardous waste and biohazard containment
- Prepared of microscope slides and performing microscopic analysis
- Assisted to students in performing statistical analysis on various laboratory data
- Supported examination committees in overseeing exams and reviewing exam schedules

REWARDS and RECOGNITION

Aljabal Algharbi University financial reward (\$ 6,500)

M.Sc. Scholarship from the Ministry of Higher Education of Libya

LANGUAGES

Arabic and English: reading, writing and speaking

PUBLICATIONS

- Aisha Alkhnajari (2019) Microbial diversity of buckwheat rhizosphere in wireworm infested and non-infested soils using metagenomics, Master's Thesis, UPEI, April 2019, 111p.
- Aisha Alkhnajari, Kaushik Ghose, Ashok Somalraju, Bourlaye FOFANA (2019) Buckwheat rhizosphere as a host for unique bacterial species. Plant Canada Conference, Guelph, July 7-10, 2019 (Poster)
- Aisha Alkhnajari, Kaushik Ghose, Ashok Somalraju, Karen Samis, Bourlaye Fofana (2016) Buckwheat Rhizosphere attracts a specific set of bacterial species, Seminar Talk, UPEI, Department of Biology, March 2016
- Aisha Alkhnajari, Kaushik Ghose, Ashok Somalraju, Karen Samis, Bourlaye Fofana (2015) Metagenomics of the buckwheat rhizosphere's microbial diversity in wireworm infested and non-infested soils, UPEI Graduate Day, UPEI, MacDougall Hall, May 2015.
- Aisha Alkhnajari, Kaushik Ghose, Ashok Somalraju, Karin Samis, Bourlaye Fofana (2015) Microbial diversity of buckwheat rhizosphere in wireworm-infested and non infested soils using metagenomics, UPEI Multidisciplinary Graduate Research Conference, UPEI, MacDougall Hall, August 6-8, 2015 (Poster)
- F. K. Ibrahim, S. K. I. Al-Tae, and A. K. AlKhnajari. Study of blood components of female rabbits fed a ration mixed with cinnamon (*Cinnamomum zeylonicum*) Iraqi Journal of Veterinary Sciences, vol. 23, supplement 2, 2009 (271-274)

REFERENCES

Available upon request