

Curriculum Vitae

Ghadeer Ibrahim Omar, Ph.D.

Assistant Professor

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Education:

2001-2005 Ph.D. The University of Jordan, Amman, Jordan, Department of Biological Sciences. Thesis: Systematic study of the genus *Allium* (Alliaceae) in Jordan. *Supervisor:* Prof. Dawud M. Al-Eisawi.

Issued Date: June, 19st 2006, very good (3.4/4).

1993-1995 MSc. The University of Jordan, Amman, Jordan, Department of Biological Sciences. Degree, January 1995, with excellence (84.9%). Thesis topic: Systematic analysis of the genus *Colchicum* (Liliaceae) in Jordan.

Supervisor: Prof. Dawud M. Al-Eisawi.

Issued Date: June , 22, 1995, Excellent (84.9%).

1992 B.Sc. The University of Jordan, Amman, Jordan, Department of Biological Science Degree.

Issued Date :June 1992, Excellent (85.4%).

Scientific Interests:

Plant taxonomy: including classical systematic and molecular classification methodologies of wild plant species.

Plant physiology: including plant physiological characteristics and responses and adaptations to various environmental factors.

Plant anatomy: including plant anatomical features and its correlation to the identification of plants at different taxa levels. Moreover, using plant anatomical characters as indication for the physiological plant responses and adaptation to different environmental factors.

Research & Teaching Experience:

2006-Present **Assistant Professor**, Department of Biology & Biotechnology, An-Najah National University, Nablus, Palestine.

Instructor of the following undergraduate courses:

- Plant Physiology.
- Plant Anatomy.
- Plant diversity.
- Ecology.
- Vascular plants.
- Non vascular plants.

- 2001-2004** The University of Jordan, Amman, Jordan, Department of Biological Sciences. Part-time instructor.
- 1999-2001** An-Najah National University, Department of Biological Sciences. Full-Time instructor.
- 1996-1999** An-Najah National University, Department of Biological Sciences. Part-Time instructor.

Selected advanced courses:

MSc. courses: The University of Jordan, Amman, Jordan, Department of Biological Sciences

- Advanced ecology.
- Advanced plant taxonomy.
- Advanced mycology.
- Advanced plant physiology.
- Plant biotechnology.
- Advanced palynology.
- Research methodology.
- Electronic microscopic preparations.

Ph.D. courses: The University of Jordan, Amman, Jordan, Department of Biological Sciences

- Advanced biostatistics.
- Advanced embryology.
- Advanced biodiversity.
- Advanced immunology.
- Advanced biology of algae.
- Advanced molecular biology.
- Advanced parasitology.
- Advanced plant ecology.

Professional Service:

Manuscript reviewer: (journals reviewed, and the year):

Biodiversity and Environmental Sciences Studies Series (ISSN1818-3751). The official journal of the Biodiversity and Environmental Research Center, BEREC, Til, Nablus, Palestine, 2010.

Graduate thesis supervision:

Master thesis, 2008, "Diversity and Systematic study of Wild Medicinal *Allium* Species in Some Regions of West Bank". Deanship of Graduate Studies, Al-QUDS University.

Graduate thesis examiner:

Master thesis, 2010, "An ethnobotanical Study of Wild edible plants in the Northern West Bank 'Palestine'". Faculty of graduate studies, An-Najah National University, Nablus, Palestine.

Master thesis, 2008, "Synergetic effect of plant extracts and antibiotics on *staphylococcus aureus* strains isolated from clinical specimens". Faculty of graduate studies, An-Najah National University, Nablus, Palestine.

Master thesis, 2007, "Flora and Vegetation Analysis of Jericho Area". Deanship of Graduate Studies, Al-QUDS University.

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