



Bandar Hamadneh

جامعة عجلون الوطنية  
Ajloun National University



Irbid



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## PROFILE

Orderly and efficient on designed and taught undergraduate and graduate courses in human nutrition, ensuring engaging and interactive classroom environments to facilitate student learning and development .

## EDUCATION

- ❑ **PH.D** - Human Nutrition and Dietetics. The University of Jordan.2018.
- ❑ **Master** - Human Nutrition Science. Jordan University of Science & Technology.2011.
- ❑ **Bachelor** – Health Science . Jordan University of Science & Technology.2009.

## WORK EXPERIENCE

- ❑ Assistant professor- faculty of Agriculture, Department of Human Nutrition. Ajloun national university.
- ❑ Part time- Assistant professor, Jordan University of Science & Technology 2019-2021.
- ❑ Nutrition courses Trainer (nutrition of diabetes, nutrition therapy and clinical nutrition).The bright plants academy. Jordan, Irbid since September 2018-2020.
- ❑ Research assistance, The University of Jordan, Department of nutrition and food technology. 2018.
- ❑ Student laboratory supervisor, Training and supervision of Master students in how to manufacture Nano-food compounds(Phytosome). The University of Jordan. 2018.
- ❑ Diabetes dietitians, private consulting center, 2018-2022.
- ❑ Supervising student graduation projects.

## Personal Data

**Date of birth:** Feb 13, 1985  
**Marital status:** Married  
**Nationality:** Jordanian  
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## SKILLS

- Project management
- Strong decision
- maker Complex
- problem solver
- Creative design
- Innovative Ability to work under pressure and keeping team work spirit.

## Languages

Arabic  
English.

## PROFESSIONAL ACTIVITIES

- Prepare animal model for type 2 diabetes mellitus
- Prepare anti diabetic agent from plants by using nanotechnology such as phytosome and liposome.
- Prepare plant extracts for management of the different type of diseases.
- Ability to determine the plant extracts composition by using spectrophotometer.
- Ability to test the toxicity of plants by different procedure.
- Excellent command of ESHA (ESHA food processer and nutrition software.

## Publication

1. Nawaf N. Hamadneh, Waqar A. Khan and **Bandar N. Hamadneh (2020)**. Artificial neural networks for prediction of Covid-19 in Saudi Arabia. The Journal of computer, Material and Continua.
2. **Hamadneh, B.**, Aldomi, H and Haddadin, M, (2019). Novel bitter melon (*momordica charantial L.*) and olive leaves (*oleaeuropeal L.*) phytosomes: preparation and its evaluation for anti-hyperglycemic activities by oral glucose tolerance test (OGTT). International Journal of Applied and Natural Sciences.



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## TEACHING EXPERIENCE

### Research Interests

1. Management of Type 2 Diabetes by using Medicinal Plants.
2. Phytosome Technology.

- Basics of Nutrition Science
- Basics of Food Science
- Plant Production
- Special Subjects on Food and Nutrition
- Animal Production
- Biostatics

### Conferences, forums and workshops:

1. Attendance of the fourth Arab Conference for Nutrition (Jordan University) April 2011, Amman-Jordan.
2. Attendance of the hot topics in infection control, antimicrobials and immunization, 3-4 may 2019, Amman-Jordan.

### International Prize

Best paper certificate from international journal of applied and natural sciences in recognition of the research paper quality, originality and significance in modeling and technical flow, 2018.