



Sharaf S. Omar Ph.D

(Associate prof)

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PERSONAL INFORMATION:

Gender: Female

DOB: July , 3rd 1975

Nationality: Jordanian

Marital status: Married (4 kids)

Current Resident Status: Al-Balqa Applied University - Amman- Jordan

Language proficiency: **Arabic:** Mother Language, **English:** Fluent.

BIOGRAPHY

Received her Ph.D. in Nutrition and Food science / Food Microbiology and safety from University of Jordan in 2004. During her Ph.D., she worked on enterotoxin production by some spores and non-spores food pathogenic microbes. and studying the prevalence of food poisoning in different Jordanian province. She taught several courses in Nutrition and food safety and Microbiology including principles of Nutrition and Food science , Food Safety and hygiene , Food Microbiology, Food epidemiology, food ecology, general biology, general microbiology, Human nutrition, Nutrition through life stages Food technology, scientific writing, seminars, advanced food microbiology to master students, and supervised several undergraduate and graduate students to conduct their research projects at her laboratory. She has **Full Membership in Organization for Women in Science for Developing Country (OWSD)**, she is a member in Jordan Society For Scientific Research (JSSR), Dr Sharaf has published several scientific papers through different research proposals granted as principal and associate investigator, in different abstracted, refereed and indexed Journals. Most of these papers were in the area of food microbiology and toxicology (food safety) . Microbial Quality of Street Food in Karak" that is partially funded by Mutah University , Aflatoxin M1 in human breast milk. Aflatoxins in raw, pasteurized and baby infant formula milk available in Jordanian market. Survey of breakfast and infant cereals for aflatoxins B1, B2, G1 and G2 available in Jordanian market,"The inhibitory effect of selected plant extracts grown in south Jordan on Growth of *S. aureus*, *P. aeruginosa*, *E. coli* O157:H7 and *Listeria monocytogenes*" funded by Mutah University. The inhibitory effect of plant extracts, nisin and probiotics on growth of *E. sakazakii*". Partially funded by Mutah University. Antifungal and Antioxidant effect of some Plant extracts selected from South Jordan . Antibacterial, Antioxidant activity of some Plant extracts Grown in south Jordan . recently Halal Food in Jordanian Market is her concern and Halal authentication of raw meats using real time PCR technique . Also she has participated in several local, regional and international meetings to present her work as speaker and keynote speaker.

Dr. Sharaf has been appointed as a chairman for the Dept. of Nutrition and food science at Mutah University-Jordan from 2004 to 2008 and. Also,

Dr. Sharaf is quite interested in working at a prestigious institute of high standards both in academic and research because this will give her the opportunity to establish a research group involving different local laboratories and abroad. She finds working abroad very stimulating and satisfying and She is fully prepared to work in a team or on her own and take the responsibilities involved.

Professional Qualification:

► 1999-2003 University of Jordan Amman, Jordan.

Ph.D. Nutrition and food sciences/ Food Safety and Hygiene .

1997-1999 University of Jordan Amman, Jordan.

M.Sc Nutrition and food sciences/ Food Safety and Hygiene .

1993 - 1997 University of Jordan Amman, Jordan.

B.Sc. Nutrition & Food Science

● Faculty of Agriculture, Dept. of Nutrition & Food Technology

Employment Experience:

24/01/2012-present Associate Professor in Nutrition and Food Science-**Food Safety& Hygiene**

Nutrition and Food Processing Dep. Al-Balqa' Applied University – Faculty of Agricultural Technology - Salt, Jordan.

► 2/2009-24/01/2012 Assistant Professor in Nutrition and Food science-**Food Safety& Hygiene .**

Nutrition and Food Processing Dep. Al-Balqa' Applied University – Faculty of Agricultural Technology-Salt, Jordan.

9/2005 – 2/2009 Head of Nutrition and Food Technology Dep. – Faculty of Agriculture, Mu'tah University. Karak, Jordan.

► 10/2004 – 2/2009 Nutrition and Food Technology Dep. – Faculty of Agriculture, Mu'tah University. Karak, Jordan.
Assistant Professor (Full Time)

Remarks and Achievements during Work at Mutah and Al-Balqa' Applied University:

- 1- Establishing the Food science departments and laboratories
- 2- Establishing and updating the website of the department.
- 3- Establishing Nutrition and Food Science Academic Plan with cooperation with other colleagues.
- 4- Working on the **Academic accreditation** for Nutrition and Food science Departments at Mutah and Al-Balqa' Applied University
- 5- Revising and modifying the department educational plan
- 6- **Working closely with student's** registration, semester schedules of courses, issues of incomplete exams and various university's by-laws .

Decided the academic load for the department members as well as the prospective courses .

- 7- **Academic counseling for many Diploma** nutritionists who wanted to bridge to finish their Bachelor's Degree .

Responsibilities

- a. **Head of Nutrition and food science Dept At Mutah University (2005-2008).**
- b. Member in the Department Training Committee (2009-Now).
- c. Member in the Department Library Committee (2009-Now).
- d. Member in the Department **Accreditation Committee** (2009-Now).
- e. Member in the Department **Scientific Research Committee** (2009-Now).
- f. Member in the Faculty Academic Plan Committee (2011-2013).
- g. **Chairperson of the Dept. Council At Mutah University** (2005-2008).
- h. Faculty Council Member (2005-2008).
- i. Member in the Faculty Scientific Research Committee (2011-2013).
- j. Coordinator in establishing a Postgraduate (M.Sc.) Plan in the Dept (2006-2008).

Member in the Faculty Private Accreditation Standards Committee at Mutah and Al-Balqa Applied University. (2008-present).

workshops and conferences

- April ,1-4 2014 Oman International Food safety Conference (Oman), (speaker) .
- July. 21 . 2013 2nd International Conference and Exhibition on
Nutritional Science & Therapy" (Nutritional Science-2013) **USA**.
- Nov.6. -8-Nov, 2012 Oman International Food safety Conference (Oman), (speaker) .
- May. 29-1-June, 2012 Congress International Congress of Environmental Health2012 (Portugal),
(speaker) .
- Feb. 20-22, 2012 Dubai International Food Safety Conference, (speaker) . ((Aflatoxin M1 in
milk in Jordan)
- Apr. 26 – Apr. 28, 2009 Effective Tertiary Teaching workshop
(NYIT), Amman, Jordan.
- Aug. 13, 2008 Organizing Committee Head of the 3rd
Jordanian Food Day. Organized by Mu'tah
University, Karak - Jordan.
- Oct. 15 – Oct. 16, 2008 The 1st International Symposium on Medicinal Plants, Their Cultivation and
Aspects of Uses.
- Apr. 26 – May 27, 2008 Moodle Educational Portal. Organized by Mu'tah University, Karak -
Jordan.
- Jul. 31 – Aug. 3, 2007 Leadership towards the elimination of all
form of violence against women (United
Nation University), Amman , Jordan

Research interest

- ✓ Halal Food in Jordanian Market: An Exploratory Study
- ✓ Halal authentication of raw meats using PCR technique.
- ✓ Aflatoxin M1 in human breast milk.
- ✓ Aflatoxins in raw, pasteurized and baby infant formula milk available in Jordanian market.
- ✓ Survey of breakfast and infant cereals for aflatoxins B1, B2, G1 and G2 available in Jordanian market,
- ✓ Microbial Quality of Street Food in Karak" that is partially funded by Mutah University.
- ✓ "The inhibitory effect of selected plant extracts grown in south Jordan on Growth of *S. aureus*, *P. aeruginosa*, *E. coli* O157:H7 and *Listeria monocytogenes*" funded by Mutah University.
- ✓ The inhibitory effect of plant extracts, nisin and probiotics on growth of *E. sakazakii*". Partially funded by Mutah University.
- ✓ Antifungal and Antioxidant effect of some Plant extracts selected from South Jordan . (Co-advisor)
- ✓ Antibacterial, Antioxidant activity of some Plant extracts Grown in south Jordan(Co-advisor)
- ✓ Occurrence of *Listeria monocytogenes* in retail shop that sold Mortadella in Amman.... (2012) ((Committee member)
- ✓ Phenol biodegradation by *Klebsiella oxytoca* (Committee member)
- ✓ Isolation of Bacteria Causing Urinary tract infection (Committee member)
- ✓ Effect of Herbal plants on the growth of *Pseudomonas aeruginosa* (Committee member)

publications

1- Omar, S. (2016) Aflatoxin M1 in raw, pasteurized and baby infant formula milk available in Jordanian market, Italian Journal of food Safety

- 1- Omar, S. (2012) Incidence of aflatoxin M1 in human milk and animal milk in Jordan, *Journal of Toxicology and Environmental Health, part A*.

- 2- Omar, S. (2011) Inhibitory effect of nisin and some of plant extracts against growth of *Cronobacter sakazakii* in reconstituted infant milk formula, *Milchwissenschaft*44 (4).

- 3- Omar, S., Dababneh, B., Qatatsheh, A., Abu-Romman, S. and Aladaileh, S. (2011) The incidence of *Listeria* species and other indicator bacteria in some traditional foods sold in Karak city, Jordan. *Journal of Food Agriculture and Environment* Vol. 9(2): 79-81.

- 4- Omar, S., Abdullah, Z., Humeid, M., Yamani, M. (2012) Optimal composition and heat processing requirements for canning of eggplant dip (motabbal al-bathinjan). *Czech Journal of Food Sciences*, 29(1).

- 5- Al-Tahiri, R., Omar, S., and Rewashdeh, A. (2008). A Study of the Occurrence of *Listeria* Species In Raw Sheep Milk. *International Journal of Dairy Technology*. 61(30): 1-5.

- 6- Tarawneh, K., Omar, S., Twissi, O., and Khleifat, K. (2008) Antifungal and Antioxidant Effects of Extracts of Some Medicinal Plant Species Growing in South Jordan. 2008. *Bull. Fac. Agric* (59) .241-247.

- 7- Qatatsheh, A., Hesketh, J., Seal, C., Aladaileh, S., Omar, S. and Haddadin, M. (2011) .Selenium concentrations in edible part of different crops consumed in Jordan. *Bull. Fac. Agric*. 62:118-125.

- 8- Khleifat, K., Abboud, M., Omar, S., and Al-Kurishy, J. (2006). Urinary tract infection in South Jordanian Population. *Journal of Medical Science*. 6(1): 5-11

- 9- Omar, S., (2006) The Inhibitory Effect of Jordanian Selected Plant Extracts on Growth and Enterotoxin Production by *Clostridium perfringens*, *Advances in Food Sciences*, 3.

- 10- Awaisheh, S. Al-Dmoor, H. Omar, S. and Hawari, A. 2012. Impact of selected nutraceuticals on viability of probiotic strains in milk during refrigerated storage at 4C for 15 days., *International Journal of Dairy Technology*. 65(X):

12- Omar, S. (2013) **Survey of breakfast and infant cereals for aflatoxins B1, B2, G1 and G2 available in Jordanian market**, Journal of Toxicology and Environmental Health

Membership: Full Membership in Organization for Women in Science for Developing Country (OWSD), 2013