**CURRICULUM VITAE**

**PERSONAL DETAILS**

**Name:** Dr. Alaalddin Ali Qatatsheh

**Filed:** Associate professor in Nutrition/molecular Nutrition

**Address:** Al-Hussein Bin Talal University

**Department**: Joint Appointment at Nursing and Hotel Management

Ma'an, Jordan

P.O. Box (20)

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**Date of Birth:** 20th March 1972

**Sex:** Male

**Nationality:** Jordanian

**Material status:** Married

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**QUALIFICATIONS**

♦ **Ph.D.** University of Newcastle upon Tyne, Medical School, UK, 2005.

Thesis Title: Interaction between Diet, Genetic Polymorphisms in

Glutathione Peroxidases and Susceptibility to Ulcerative Colitis.

♦ **MSc.** Human Nutrition and Food Technology, the University of Jordan, Jordan, 1999.

Thesis Title: The ability of some Durum Wheat varieties for Explosion Puffing.

♦ **B.Sc.** Human Nutrition and Food Technology, Alexandria University, Egypt, 1993.

♦ **GSEC level**; The General Secondary Education Certificate, Jordan, 1989.

**PROFESSIONAL EMPLOYMENT**

♦ **Oct. 2012 to date**: The Hashemite University, Faculty Allied Health Sciences, **Department**: Clinical Nutrition and Dietetics.

♦ **July. 2012 to date**: Associate Professor, Joint Appointment at Nursing and Hotel Management Departments, Al-Hussein Bin Talal University, Ma'an, Jordan.

♦ **Sept. 2009- July. 2012**: Assistant Professor, Joint Appointment at Nursing and Hotel Management Departments, Al-Hussein Bin Talal University, Ma'an, Jordan.

♦ **Oct. 2005-Sept. 2009**: Assistant Professor, Joint Appointment at Biological and Hotel Management Departments, Al-Hussein Bin Talal University, Ma'an, Jordan.

♦ **Jan. 2002–Aug. 2005**: Scientific Researcher at the Medical School, University of Newcastle upon Tyne, UK, sponsored by AHU.

♦ **Feb. 1995–Jan. 2002**: Quality Control Engineer, Department of Quality, Ministry of Industry and Trade, Amman, Jordan.

♦ **April 1994-Feb. 1995**: Production & quality control engineer at the Middle East industries Co. factory laboratory, Amman-Jordan.

♦ **Sep. 2009-Sep. 2010**: Representative of Nursing Faculty at Al-Hussein Bin Talal University Council.

**AWARDS**

♦ **Jan. 2002–Aug. 2005:** AL-Hussien Bin Talal University Postgraduate Research Scholarship.

**Membership**

♦ Member of the Jordanian Agricultural Engineers Association; Human Nutrition and Food Technology, 1993- to date.

♦ The Nutrition Society, UK, 2002-Date.

♦ Member of Food-N- Co Organization funded by European commission Under FP7, 2006- to date.

♦ Alumni portal Deutschland-cooperation and networking, April 2011- to date.

**Research Publications**

♦ **A. Qatatsheh**, K. Altaif, J.E. Hesketh, C.J. Seal, S. Aladaileh, A.J. Said, S.S.Omar, M.A. Hararahand M.S.Haddadin (2011), *Selenium concentrations in edible part of different crops consumed in Jordan.* Bulletin of Faculty of Agriculture-University of Cairo, 62, 118-125. ISSN: 0526-8613.

♦ S.S. Omar, B.F. Dababneh, **A. Qatatsheh,** S. Abu-Romman, A.D. Hawari and S. Aladaileh (2011), *The incidence of Listeria species and other indicator bacteria in some of traditional foods sold in Karak city, Jordan*. International Journal of Food, Agriculture & Environment*,* 9 (2), 79-81. ISSN: 1459-0255.

# ♦ M.A. Hararah, K.A. Ibrahim, A.H. Al-Muhtaseb, R.I. Yousef, A. Abu-Surrah and A. Qatatsheh (2010), *Removal of phenol from aqueous solutions by adsorption onto polymeric adsorbents,* Journal of Applied Polymer Science, 117 (4), 1908-1913. ISSN: 0021-8995.

♦ **A. Qatatsheh** (2011), *Selenium in soils and plants of the Ma'an district-Jordan.* Advances in Food Sciences*,* 33 (2): 104-108. ISSN: 1431-7737.

♦ **A. Qatatsheh** (2011), *Vitamin B12 status in males and females of different age groups*. American Journal of Agricultural and Biological Science, 6 (2): 221-226. ISSN: 1557-4989.

**♦ A. Qatatsheh,** C.J. Seal, S.L. Jowett, M.R.Welfare and J.E Hesketh (2004), *Patients with ulcerative colitis show an altered frequency distribution of a single novel polymorphism (SNP) in the gene in encoding the phospholipids hydroperoxide glutathione peroxidasee (GPX4).* Conference Proceedings (inc. abstract); Proceeding of The Nutrition Society, Volume (64), Pages 20A-20, Telford, UK.

♦ **A. Qatatsheh** (2011), *Iron, ferritin,* *folic acid, selenium concentrations in healthy Jordanian subjects living in Ma'an district*. (In preparation).

**Books and Chapters:**

♦ **A. Qatatsheh** et al (2011), *A rapid method for identifying a single nucleotide polymorphisms in glutathione peroxidise (GPX1) gene, Jordan journal of Biological Sciences*. (Submitted-Book Chapter).

**A. Qatatsheh** (2011), *Interaction Between Diet, Genetic Polymorphisms in Glutathione Peroxidases and Susceptibility to Ulcerative Colitis*. (In preparation- book to be published based on the Ph. D. thesis).

**Science Activities and Training Courses**

♦ Workshop on the Hazard Analysis Critical Control Points -HACCP- at the Agriculture Engineers Association-Amman, 12-13/7/08, (15 hours).

♦ Fourth International Conference of Nutrition, at University of Jordan-Amman, 5-7/4/2011.

♦ First International Conference of Nutrition, at University of Jordan-Amman, 12-4/7/2001.

♦ Alumni portal Deutschland-Cooperation and Networking, Amman-jordan, 6/4/2011.

♦ Training Course in the Course: Cambridge International Diploma in IT Skills, 15/7/2010 -12/8/2010, (60 hours).

♦ Training Course in the Course: Introduction to Computer Skills, at Dynamic Information Technology-Amman, 28/2/2011-31/3/2011, (40 hours).

**Research project**

♦ **Project title:** Selenium in foods and soil in Jordan, and their contribution to the daily selenium intake (2006) , funded by Al Hussein Bin Talal University (completed-2011), researchers; Ala A. Qatatsheh, K. Altaif, J.E. Hesketh , C.J. Seal, S. Aladaileh, A. J. Said, S.S. Omar, M.A. Hararahand M.S. Haddadin.

♦ **Project title:** Developing of puffed products from whole wheat grains-Ma'an Industrial Estate. Funded by Faculty For Factory (FFF), (7th stage-2008-completed), University of Jordan, researcher; Ala A. Qatatsheh.

♦ **Project title:** Developing quality control system of chips products -Ma'an Industrial Estate. Funded by Faculty For Factory (FFF), (8th stage-2009-completed), university of Jordan, researcher; Ala A. Qatatsheh.

**RESEARCH INTERESTS**

♦ Human nutrition and food categories.

♦Nutrient-gene interaction and susceptibility to disease.

♦New product development.

♦Food processing and technology.

♦Food safety and molecular nutrition.

**SKILLS**

-An Excellent understanding of Molecular-Nutritional laboratory techniques, genetic analysis and others:

♦ Genomic DNA isolation from human blood.

♦ Spectrophotometer quantification of DNA.

♦ Agarose gel electrophoresis.

♦ PCR purification.

♦ Blood cell isolation.

♦ Statistical analysis (SPSS).

♦ Analysis of single nucleotide polymorphisms (SNPs).

♦ Primer design.

♦ Restriction fragment length polymorphisms (RFLP).

♦ Sequencing analysis of PCR reactions.

♦ polyacrylamide gel electrophoresis of DNA.

♦ DNA-HPLC.

♦ Assessment of Plasma antioxidant capacity (TEAC and FRAP)

♦ Health and dietary questionnaires.

♦ Hydride vapour generation–HVG-combined with ICP optical emission spectrometry.

♦ Minerals identification by XRD analyses.

♦ The fully automated Abbott AxSYM B12 assay.

**REFERENCES**

♦ **Professor John Hesketh** (Spervisor) ([J.E.Hesketh@ncl.ac.uk](mailto:J.E.Hesketh@ncl.ac.uk))

Professor of Mammalian Molecular Biology, Institute for Cell and Molecular Biosciences, University of Newcastle Upon Tyne, Faculty of Medical Sciences, Farmlington place, NE2 4HH.

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♦ **Professo**r **Chris Seal** ([chris.seal@ncl.ac.uk](mailto:chris.seal@ncl.ac.uk))

Professor of Food Studies, School of Agriculture, Food and Rural Development, University of Newcastle Upon Tyne, Agriculture Building, NE1 7RU.

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♦ **Dr. Sharaf, S. Omar** ([Sharaf@bau.edu.jo](mailto:Sharaf@bau.edu.jo))

Assistant Professor of food Science and Nutrition, Department of Nutrition and Food Processing, Faculty of Agricultural Technology, Al-Balqa Applied University, Salt, Jordan.

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