

***Department of Nutrition
and Food Technology***

Staff Handbook

Name	Anas Abdel-rouf Mahmoud Al-Nabusli		
Post	Professor of Food Microbiology and Safety		
Academic career	Ph.D.	University of Manitoba, Canada	2006
	M.Sc.	University of Jordan, Jordan	1996
	B.Sc.	University of Jordan, Jordan	1993
Employment	Assistant Professor	Jordan University of Science and Technology	2006-2011
	Associate Professor	Jordan University of Science and Technology	2011-2016
	Professor	Jordan University of Science and Technology	2016-now
Research and development projects over the last 5 years	<ul style="list-style-type: none"> • Risk analysis and evaluation of safety of traditional foods • The development, use and evaluation of natural antimicrobials to enhance the safety and extend shelf-life of fresh food and processed food products • The mechanism of action and resistance of antimicrobials and antibiotics • The development of active packaging materials to delay spoilage and improve product safety 		
Industry collaborations	<ul style="list-style-type: none"> • Recognized as Expert in Food Analysis by Jordanian Agriculture Engineers Association. • Head and member of several National Technical Committees at Jordan Standards and Metrology Organization and Jordan Food Drug Administration • Technical expert for meat processing plants (approved by Jordan Standards and Metrology Organization) 		
Patents and proprietary rights	-		
Important publications over the last 5 years	<ul style="list-style-type: none"> • Anas Al-Nabulsi, Tareq Osaili, Amani Sawalha, Amin N. Olaimat, Borhan Aldeen Albiss, Ghadeer Mehyar, Mutamed Ayyash and Richard Holley. 2020. Antimicrobial Activity of Chitosan Coating Containing ZnO Nanoparticles against <i>E. coli</i> O157:H7 on the Surface of White Brined Cheese. International Journal of Food Microbiology, 334, 108838. • Dima Faour-Klingbeil, Tareq M Osaili, Anas A Al-Nabulsi, Monia Jemni, Ewen CD Todd.2020. The public perception of food and non-food related risks of infection and trust in the risk communication during COVID-19 crisis: A study on selected countries from the Arab region. Food Control 121, 107617 • Amin N Olaimat, Iman Aolymat, Murad Al-Holy, Mutamed Ayyash, Mahmoud Abu Ghoush, Anas A Al-Nabulsi, Tareq Osaili, Vasso Apostolopoulos, Shao-Quan Liu, Nagendra P Shah. 2020. The potential application of probiotics and prebiotics for the prevention and treatment of COVID-19. npj Science of Food 4 (1), 1-7 		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period
	<ul style="list-style-type: none"> • Agriculture Engineer Association, Jordan. • Canadian Meat Science Association • International Association of Food Protection 	Member Member Member	2006 – now 2002-2006 2002-2006

Name	Hiba A. Bawadi		
Post	Professor of Human Nutrition		
Academic career	Ph.D.	Louisiana State University, USA	2004
	M.Sc.	Jordan University of Science and Technology, Jordan	2000
	B.Sc.	University of Jordan, Jordan	1997
Employment	Assistant Professor	Jordan University of Science and Technology	2004-2010
	Associate Professor	Jordan University of Science and Technology	2010-2014
	Professor	Jordan University of Science and Technology	2014-now
Research and development projects over the last 5 years	<ul style="list-style-type: none"> • Diabetes, glycemic control, and dietary patterns. • Assessing Adolescents adiposity and other lifestyle risk factors • Developing the nutritional assessment tools • Human nutrition and the risk of cardiovascular diseases 		
Industry collaborations	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	<ul style="list-style-type: none"> • Bawadi, H., Kassab, M., Zanabali, A. H., & Tayyem, R. (2021). Identification of Adolescents with Adiposities and Elevated Blood Pressure and Implementation of Preventive Measures Warrants the Use of Multiple Clinical Assessment Tools. <i>Journal of Personalized Medicine</i>, 11(9), 873. • Al-Asmakh, M., Bawadi, H., Hamdan, M., Gupta, I., Kheraldine, H., Jabeen, A., ... & Al Moustafa, A. E. (2021). Dasatinib and PD-L1 inhibitors provoke toxicity and inhibit angiogenesis in the embryo. <i>Biomedicine & Pharmacotherapy</i>, 134, 111134. • Bawadi H, S Hassan, AS Zadeh, H Sarv, A Kerkadi, JA Tur, Z Shi. (2020). Age and gender specific cut-off points for body fat parameters among adults in Qatar. <i>Nutrition Journal</i> 19 (1), 1-5. • HK Varkaneh, GM Tinsley, HO Santos, H Zand, A Nazary, S Fatahi, ...Bawadi.H.(2020). The influence of fasting and energy-restricted diets on leptin and adiponectin levels in humans: A systematic review and meta-analysis. <i>Clinical Nutrition</i>. • M Alaradi, A Ouaguani, R Khatib, G Attieh, Bawadi H, Z Shi. (2020). Dietary patterns and glycaemic control among Qatari adults with type 2 diabetes. Cambridge University Press • RF Tayyem, A Al-Bakheit, SS Hammad, AE Al-Shudifat, M Azab, ...Bawadi. (2020) Fruit and vegetable consumption and cardiovascular diseases among Jordanians: a case-control study. <i>Central European Journal of Public Health</i> 28 (3), 208-218. • A Alkhalafi, F Al-Naimi, R Qassmi, Z Shi, V Ganji, R Salih, Bawadi H. (2020). Visceral adiposity index is a better predictor of type 2 diabetes than body mass index in Qatari population. <i>Medicine</i> 99 (35) • FF Asali, RF Tayyem, SS Allehdan, IA Mahfouz, Bawadi H. (2020). Use of dietary supplements among pregnant women in the center of Jordan • 		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period
	<ul style="list-style-type: none"> • Agriculture Engineer Association, Jordan. 	Member	2004-now

Name	Muhammad Hussein Al-u'datt		
Post	Professor of Food Chemistry		
Academic career	Ph.D.	McGill University, Canada	2006
	M.Sc.	McGill University, Canada	1996
	B.Sc.	Jordan University of Science and Technology, Jordan	1993
Employment	Assistant Professor	Jordan University of Science and Technology	2007-2012
	Associate Professor	Jordan University of Science and Technology	2012-2018
	Professor	Jordan University of Science and Technology	2018-now
Research and development projects over the last 5 years	<ul style="list-style-type: none"> The antioxidant activity and inhibitory activity towards angiotensin-1-converting enzyme (ACE) of the phenolic compounds. The composition, biofunctional constituents, and therapeutic roles of nutraceutical and pharmaceutical food. Studying proteins that act as a Potential therapeutic target for atrial fibrillation. 		
Industry collaborations	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	<ul style="list-style-type: none"> Alu'datt, M. H.; Rababah, T.; Alhamad, M. N.; Al-Rabadi, G. J.; Tranchant, C. C.; Almajwal, A.; Kubow, S.; Alli, I. (2018). Occurrence, types, properties and interactions of phenolic compounds with other food constituents in oil-bearing plants. <i>Crit Rev Food Sci Nutr</i>, 58(18), 3209-3218. Q1 Alu'datt, M. H.; Rababah, T.; Alhamad, M. N.; Gammoh, S.; Ereifej, K.; Al-Karaki, G.; Tranchant, C. C.; Al-Duais, M.; Ghozlan, K. A. (2019). Contents, profiles and bioactive properties of free and bound phenolics extracted from selected fruits of the Oleaceae and Solanaceae families. <i>LWT</i>, 109, 367-377. Q1 Alu'datt, M. H.; Rababah, T.; Alhamad, M. N.; Al-Tawaha, A.; Al-Tawaha, A. R.; Gammoh, S.; Ereifej, K. I.; Al-Karaki, G.; Hamasha, H. R.; Tranchant, C. C.; Kubow, S. (2019). Herbal yield, nutritive composition, phenolic contents and antioxidant activity of purslane (<i>Portulaca oleracea</i> L.) grown in different soilless media in a closed system. <i>Industrial Crops and Products</i>, 141, 111746. Q1 Alu'datt, M. H.; Rababah, T.; Alhamad, M. N.; Johargy, A.; Gammoh, S.; Ereifej, K.; Almajoul, A.; Al-Karaki, G.; Kubow, S.; Ghozlan, K. A. (2017). Phenolic contents, in vitro antioxidant activities and biological properties, and HPLC profiles of free and conjugated phenolics extracted from onion, pomegranate, grape, and apple. <i>International Journal of Food Properties</i>, 20(sup2), 1823-1837. Q1 		
Activities in specialist bodies over the last 5 years	<p>Organization</p> <ul style="list-style-type: none"> Journal Food Science Food Chemistry Journal Institute of Food Technologists (IFT) / USA Agricultural Engineer Association/Jordan Canadian Institute of Food Science and Technology (CIFST) Journal Computational Water, Energy, and Environmental Engineering Austin Food Sciences Journal International Journal of Advanced Research in Chemical Science Annals of Nutrition and Food Science 	<p>Role</p> <ul style="list-style-type: none"> Editorial Board Editorial Board Member Member Member Editor Editorial Board Editor Member 	<p>Period</p> <ul style="list-style-type: none"> - - 2005 – Now 1999 – Now 2006 – Now - - - -

Name	Taha M. Rababah		
Post	Professor of Food Technology		
Academic career	Ph.D.	University of Arkansas, USA	2004
	M.Sc.	University of Jordan, Jordan	1998
	B.Sc.	University of Baghdad, Iraq	1994
Employment	Assistant Professor	Jordan University of Science and Technology	2004-2009
	Associate Professor	Jordan University of Science and Technology	2009-2013
	Professor	Jordan University of Science and Technology	2013-now
Research and development projects over the last 5 years	<ul style="list-style-type: none"> Capacity Building of Personnel In Jordanian Olive Industry. Funded by Tempus program European Union. 800, 0000 Euro Novel Food Fortification Systems to Resolve Vitamin D. Scientific Research Support Fund. 44, 950 JD. 		
Industry collaborations	<ul style="list-style-type: none"> Evaluation the composition and physicochemical properties and treatments of wastewater from the olive-oil extraction process, fund provided by Tatweer (USAID), 6000 J.D. ISO 22000 implementation in Haritna Dairy Company, Funded by Faculty for Factory (FFF), 3400 J. D. 		
Patents and proprietary rights	-		
Important publications over the last 5 years	<ul style="list-style-type: none"> Alu'datt, M. H., Al-u'datt, D. A. G., Alhamad, M. N., Tranchant, C. C., Rababah, T., Gammoh, S., ... & Kubow, S. (2021). Characterization and biological properties of peptides isolated from dried fermented cow milk products by RP-HPLC: Amino acid composition, antioxidant, antihypertensive, and antidiabetic properties. <i>Journal of Food Science</i>. Rababah, T., Al-Mahasneh, M., Gammoh, S., Al-Qaisi, A., Alfandi, H., & Al Mortadi, N. (2020). Effect of storage of Halaweh tahinia on physicochemical and nutraceutical properties. <i>Annals of Agricultural Sciences</i>, 65(1), 92-97. Rababah, T. M., Al-u'datt, M., Al-Mahasneh, M., Gammoh, S., Mahili, H., & Ajouly, T. E. (2020). Effect of different fermentation processes on the phytochemical properties of green table Olives. <i>Revista Brasileira de Fruticultura</i>, 42. Gammoh, S., Alu'datt, M. H., Alhamad, M. N., Rababah, T., Ammari, Z. A., Tranchant, C. C., ... & AlRosan, M. (2019). Analysis of Triphenylmethane Dye Residues and their Leuco-Forms in Frozen Fish by LC-MS/MS, Fish Microbial Quality, and Effect of Immersion in Whole Milk on Dye Removal. <i>Journal of food science</i>, 84(2), 370-380. Jiang, S., Yildiz, G., Ding, J., Andrade, J., Rababah, T. M., Almajwalc, A., ... & Feng, H. (2019). Pea protein nanoemulsion and nanocomplex as carriers for protection of cholecalciferol (vitamin D3). <i>Food and Bioprocess Technology</i>, 12(6), 1031-1040. Gammoh, S., Alu'datt, M. H., Alhamad, M. N., Rababah, T., Al-Mahasneh, M., Qasaimeh, A., ... & Hussein, N. M. (2018). The effects of protein-phenolic interactions in wheat protein fractions on allergenicity, antioxidant activity and the inhibitory activity of angiotensin I-converting enzyme (ACE). <i>Food bioscience</i>, 24, 50-55. 		
Activities in specialist bodies over the last 5 years	Organization	Role	Period
	• Agriculture Engineer Association, Jordan.	Member	1995 – now
	• International Journal of Agricultural and Biological Engineering	Editorial Board	2011– now
	• Jordan Journal of Agricultural Sciences	Editorial Board	2014 – now

Name	Tareq “Mohammed Ibrahim” Abdel Hafeth Osaili		
Post	Professor of Food Safety		
Academic career	Ph.D.	University of Arkansas, USA	2004
	M.Sc.	University of Jordan, Jordan	1999
	B.Sc.	Jordan of Science and Technology, Jordan	1997
Employment	Assistant Professor	Jordan University of Science and Technology	2005-2010
	Associate Professor	Jordan University of Science and Technology	2010-2016
	Professor	Jordan University of Science and Technology	2016-now
Research and development projects over the last 5 years	<ul style="list-style-type: none"> •Thermal and non-thermal inactivation of foodborne pathogens in food system. •Detection of foodborne pathogens in animal origin products. • Using metal oxide nanoparticles in controlling foodborne pathogens • Detection of Cronobacter sakazakii in infant formulas • Rapid methods of detecting of foodborne pathogens. • Antibiotic resistance of foodborne pathogens. • Survival/growth of foodborne pathogens in foods. • Developing procedures for recovery of injured foodborne pathogens. 		
Industry collaborations	<ul style="list-style-type: none"> • Recognized as Expert in Food Analysis by Jordanian Agriculture Engineers Association, August 2017. • Medical Director, Saudi Center of Pharmaceuticals, Saudi Arabia, September 2012- August 2013. • Development of ISO 22000-based self-monitoring program in bakeries to improve the safety of bakery products. Amman, Jordan. June-Oct 2011 (Faculty For Factory project). • Development of generic monitoring system to improve the safety and quality of white fresh cheese. Jordan Lands Dairy Co (Milk House). Amman, Jordan. Jun-Oct 2010 (Faculty For Factory project). • Improve the hygienic practices of bakery products through the development of HACCP-based self-inspection program. Abdul Elah Al-Hamawi & Partners Co/ Al-Sufara Bakery. Amman, Jordan. Jun-Oct 2009 (Faculty For Factory project). 		
Patents and proprietary rights	-		
Important publications over the last 5 years	<ul style="list-style-type: none"> • Amin N. Olaimat, Tareq M. Osaili, Murad AL-Holy, Anas A. Al-Nabulsi, Reyad S. Obaid, Akram R. Alaboudi, Mutamed Ayyash, Richard Holley. Microbial safety of oily, low water activity food products: a review. Food Microbiology (Accepted). • Sadi Taha, Tareq M. Osaili, Anu Vij, Ahmad Albloush, Abdelrahim Nassour. Structural modelling of relationships between food safety knowledge, attitude, commitment and behavior of food handlers in restaurants in Jebel Ali Free Zone, Dubai, UAE. Food Control (Accepted). • Mutamed Ayyash, Constantinos Stathopoulos, Basim Abu-Jdayil, Gennaro Esposito, Mohammad Baig, Mark S. Turner, Ahmad Salihin Baba, Vasso Apostolopoulos, Anas Al-Nabulsi, Tareq Osaili. Exopolysaccharide produced by potential probiotic Enterococcus faecium MS79: Characterization, bioactivities and rheological properties influenced by salt and pH. LWT - Food Science and Technology (accepted). 		
Activities in specialist bodies over the last 5 years	Organization	Role	Period
	<ul style="list-style-type: none"> • the Joint FAO/WHO Expert Meetings on Microbiological Risk Assessment (JEMRA) • Arab-German Young Academy of Sciences and Humanities (www.agya.info) 	<ul style="list-style-type: none"> Expert Member 	<ul style="list-style-type: none"> 2018-2022 -

Name	Ziad Waheed Jaradat		
Post	Professor of Microbiology and Biotechnology		
Academic career	Post doctorate	Purdue University, USA	2002
	Ph.D.	University of Manitoba, Canada	1999
	M.Sc.	University of Manitoba, Canada	1995
	B.Sc.	Yarmouk University, Jordan	1987
Employment	Senior Research Scientist	SA Scientific, San Antonio, USA	2002-2004
	Assistant Professor	Jordan University of Science and Technology	2004-2009
	Chairman	Dept. of Biotech and Genetic Eng. JUST	2007-2011
	Head	Fatima College of Health Sci. UAE	2011-2015
	Vice Dean	Faculty of Graduate Studies, JUST	2016-2016
	Chairman	Dept. Nutrition and Food Tech, JUST	2018-2020
	Vice Dean	Faculty of Science and Arts, JUST	2020 – now
Research and development projects over the last 5 years	<ul style="list-style-type: none"> Understanding mechanisms of pathogenesis and antibiotic resistance using molecular techniques. 		
Industry collaborations	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	<ul style="list-style-type: none"> Jaradat, Z. W., Khwaileh, M., Al Mousa, W., Ababneh, Q. O., & Al Nabulsi, A. (2021). Occurrence, distribution and pattern analysis of methicillin resistant (MRSA) and methicillin sensitive (MSSA) Staphylococcus aureus on fomites in public facilities. <i>Pathogens and Global Health</i>, 1-15. Jaradat, Z., Aboudi, A. A., Shatnawi, M., & Ababneh, Q. (2021). Staphylococcus aureus isolates from camels differ in coagulase production, genotype and methicillin resistance gene profiles. <i>Journal of Microbiology, Biotechnology and Food Sciences</i>, 2021, 2455-2461. Jaradat, Z. W., Ababneh, Q. O., Sha'aban, S. T., Alkofahi, A. A., Assaleh, D., & Al Shara, A. (2020). Methicillin Resistant Staphylococcus aureus and public fomites: a review. <i>Pathogens and Global Health</i>, 114(8), 426-450. Al-Zghoul, M. B., Saleh, K. M. M., & Jaradat, Z. W. (2019). Expression of digestive enzyme and intestinal transporter genes during chronic heat stress in the thermally manipulated broiler chicken. <i>Poultry science</i>, 98(9), 4113-4122. Jaradat, Z. W., Hamdan, T. A., Hayajneh, W., Al Mousa, W., & Al Shehabi, A. (2017). Antibigrams, toxin profiling and molecular typing of Staphylococcus aureus isolates from two tertiary hospitals in Jordan. <i>The Journal of Infection in Developing Countries</i>, 11(11), 876-886. Qodcieh, S. M. A., Al-Khateeb, S. N., Jaradat, Z. W., & Alhaija, E. S. A. (2017). Force degradation of orthodontic latex elastics: An in-vivo study. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i>, 151(3), 507-512. 		
Activities in specialist bodies over the last 5 years	Organization	Role	Period
	<ul style="list-style-type: none"> Agriculture Engineer Association, Jordan 	Member	2004-now

Name	Bayan Obeidat		
Post	Associate Professor of Human Nutrition		
Academic career	Ph.D.	Texas Tech University, USA	2006
	M.Sc.	Texas Tech University, USA	1996
	B.Sc.	Jordan of Science and Technology, Jordan	1993
Employment	Assistant Professor	Jordan University of Science and Technology	2005-2013
	Associate Professor	Jordan University of Science and Technology	2013- now
Research and development projects over the last 5 years	<ul style="list-style-type: none"> • The role of vitamin D in disease prevention. • The role of nutrition practices in health promotion and prevention of chronic diseases • Food safety and knowledge among Jordanians 		
Industry collaborations	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	<ul style="list-style-type: none"> • Alkhatib, R., Obeidat, B., Laith, A. E., Abdo, N., Obeidat, F., & Aman, H. (2021). Family-based association study of genetic analysis of paired box gene 9 polymorphisms in the peg-shaped teeth in the Jordanian Arab population. <i>Archives of Oral Biology</i>, 121, 104966. • Bawadi, H., Khataybeh, T., Obeidat, B., Kerkadi, A., Tayyem, R., Banks, A. D., & Subih, H. (2019). Sugar-sweetened beverages contribute significantly to college students' daily caloric intake in Jordan: soft drinks are not the major contributor. <i>Nutrients</i>, 11(5), 1058. • Abdul-Razzak, K. K., Safa'a, O. A., Obeidat, B. A., & Khasawneh, A. G. (2018). Vitamin D is a potential antidepressant in psychiatric outpatients. <i>International journal of clinical pharmacology and therapeutics</i>, 56(12), 585. • Osaili, T. M., Obeidat, B. A., Hajeer, W. A., & Al-Nabulsi, A. A. (2017). Food safety knowledge among food service staff in hospitals in Jordan. <i>Food Control</i>, 78, 279-285. 		
Activities in specialist bodies over the last 5 years	Organization	Role	Period
	<ul style="list-style-type: none"> • Foods for Special Dietary Uses Committee • Health Accreditation and Certification Services Committee, Ministry of Health 	<ul style="list-style-type: none"> Member Member 	<ul style="list-style-type: none"> 2014 – now 2011 - 2015

Name	Hadil S Subih		
Post	Associate Professor of Clinical Nutrition		
Academic career	Ph.D.	Texas Tech University, USA	2013
	M.Sc.	New Mexico State University, USA	2003
	B.Sc.	Jordan University of Science and Technology, Jordan	1998
Employment	Assistant Professor	Jordan University of Science and Technology	2014-2020
	Associate Professor	Jordan University of Science and Technology	2020-now
Research and development projects over the last 5 years	<ul style="list-style-type: none"> • Glycogen storage disease Type 1 in Jordan: A clinical Trial • Emotional eating and eating behavior in Jordanian adults: A cross sectional study • Adherence and Health Outcomes of Bariatric Surgery Patients: A Clinical Trial • The impact of a high weekly dose of cholecalciferol or calcium supplements on weight loss and serum vitamin D levels among obese and vitamin D deficient subjects 		
Industry collaborations	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	<ul style="list-style-type: none"> • Galyean, S., Syn, D., Subih, H. S., & Boylan, M. (2021). Improving vitamin D status in bariatric surgery subjects with monthly high-dose ergocalciferol. <i>International Journal for Vitamin and Nutrition Research</i>. • Hammouh, F., Zein, S., Amr, R., Ghazzawi, H., Muharib, D., Al Saad, D., & Subih, H. (2020). Assessment of dietary selenium intake of Jordanian adults in Madaba: a cross sectional study. <i>Nutrition & Food Science</i>. (Scopus;Q3). • Al-Bayyari, N., Hailat, R., Subih, H., Alkhalidy, H., & Eaton, A. (2021). Vitamin D3 reduces risk of cardiovascular and liver diseases by lowering homocysteine levels: Double-blinded, randomised, placebo-controlled trial. <i>British Journal of Nutrition</i>, 125(2), 139-146. (Scopus; Q1). • Bawadi, H., Katkhouda, R., Tayyem, R., Kerkadi, A., Raad, S. B., & Subih, H. (2019). Abdominal fat is directly associated with inflammation in persons with type-2 diabetes regardless of glycemc control—a Jordanian study. <i>Diabetes, metabolic syndrome and obesity: targets and therapy</i>, 12, 2411. (Scopus; Q1). 		
Activities in specialist bodies over the last 5 years	Organization	Role	Period
	<ul style="list-style-type: none"> • The International Scientific Evaluation Panel for the PRIMA calls. • Jordan Obesity and Metabolomics Study Group (JOMSG) • Jordanian Association for Health and Nutrition • The American Society for Nutrition (ASN), USA • The Agricultural Engineers Associations, Amman, Jordan 	<ul style="list-style-type: none"> Member Member Member Member Member 	<ul style="list-style-type: none"> 2020 2015- now 2017- now 2010 2005-now

Name	Sana Issa Bakhit Gammoh		
Post	Associate Professor of Food Biosciences		
Academic career	Ph.D.	University of Reading, UK	2006
	M.Sc.	Community Medicine /M.O.H /WHO program	2000
	B.Sc.	University of Jordan, Jordan	1983
Employment	Assistant Professor	Jordan University of Science and Technology	2013-2019
	Associate Professor	Jordan University of Science and Technology	2019-now
Research and development projects over the last 5 years	<ul style="list-style-type: none"> • “Investigating the adulteration of dairy products, labneh and yoghurt with low quality milk powder by detecting the fatty acid profile, whey protein denaturation, plasmin and ganglioside.” 6575 JD (2013-2015). • “Reduction of detected malachite green, leuco malachite green, crystal violet, leuco crystal violet and brilliant green residues in frozen fish by using whole fat milk.” 6500 JD (2014-2016). • “Effect of protein-phenolic interaction on allergenicity of wheat proteins.” 7200 JD (2014-2016). 		
Industry collaborations	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	<ul style="list-style-type: none"> • Gammoh, S., Alu’datt, M. H., Alhamad, M. N., Rababah, T., Ammari, Z. A., Tranchant, C. C., Talafha, W. and AlRosan, M. (2019). Analysis of Triphenylmethane Dye Residues and their Leuco-Forms in Frozen Fish by LC-MS/MS, Fish Microbial Quality, and Effect of Immersion in Whole Milk on Dye Removal. Journal of Food Science, in press. • Gammoh, S., Alu’datt, M. H., Alhamad, M. N., Rababah, T., Ereifej, K., Johargy, A. and Hussein, N. M. (2018). The effects of protein-phenolic interaction on allergenicity, antioxidant activity, and inhibitory activities of angiotensin I-converting enzyme (ACE), and α-amylase enzymes of wheat proteins fractions. Food Bioscience, 24, 50-55. • Alu’datt, M. H., Gammoh, S., Rababah, T., Almomani, M., Alhamad, M. N., Ereifej, K., Almajwal, A., Tahat, A., Hussein, N. H. and Abou Nasser, S. (2017). Preparation, characterization, nanostructures and bio functional analysis of sonicated protein co-precipitates from brewers' spent grain and soybean flour: Protein-phenolic interactions and nutraceutical properties. Food Chemistry, 240, 784-798. 		
Activities in specialist bodies over the last 5 years	Organization	Role	Period
	<ul style="list-style-type: none"> • Agriculture Engineering syndicate • Food standards Technical committee in the Jordanian Institution of Standards and Metrology (JISM) 	<ul style="list-style-type: none"> Member Member 	<ul style="list-style-type: none"> 1983 1983-now

Name	Sana “Mohd Khair” Abdil Majid Janakat		
Post	Associate Professor of Human Nutrition		
Academic career	Ph.D.	London School of Hygiene and Tropical Medicine, UK	1990
	M.Sc.	Yarmouk University, Jordan	1985
	B.Sc.	Yarmouk University, Jordan	1982
Employment	Assistant Professor	Jordan University of Science and Technology	2003-2008
	Associate Professor	Jordan University of Science and Technology	2008-now
Research and development projects over the last 5 years	<ul style="list-style-type: none"> • Hepatoprotective activity of oleocanthal from olive oil amurca in the rat (2015). • Hepatoprotective activity of squalene on the rat’s liver (2015). • Effect of galactose on oxidative stress in the rat (2017). • Effect of amurca (olive oil lees) on gut microbiota (2017). • Effect of Mastic Gum on the Gut Microbiota in the Rat (2020) • Effect of commercial Stevia rebaudiana products on the rat’s liver (2020) • Effect of boiled olive oil and dried olive fruits oil on the rat’s liver (2020). • Properties of tradition olive oil extracted from boiled and dried olive fruits (2020). 		
Industry collaborations	<ul style="list-style-type: none"> • <i>Encapsulation of olive oil lees (amurca) in gelatinous capsules</i> 		
Patents and proprietary rights	-		
Important publications over the last 5 years	<ul style="list-style-type: none"> • Janakat, S., Al Momani, W., Abu-Ismaïl, L., Abu Awwad, M., Al Ameri, O., Gharaibeh, S., & Barakat, H. (2020). A Study on Knowledge, Behavior, and Attitude Toward Novel Coronavirus 2019 (SARS-CoV-2) Among the Jordanian Population. <i>Asia Pacific Journal of Public Health</i>, 32(8), 500-502. • Subih, H.S., Zueter, Z., Obeidat, B.M., Al-Qudahb, M. A., Janakat, S., Hammoh, F., Sharkas, G., and Bawadi, H. A. (2018). A high weekly dose of cholecalciferol and calcium supplement enhances weight loss and improves health biomarkers in obese women. <i>Nutrition Research</i>, 59: 53 – 64. • Waleed Al Momani, Sana Janakat and Moawiah Khatatbeh (2018) Bacterial Contamination of Table Eggs Sold in Jordanian Markets. <i>Pakistan Journal of Nutrition</i>, 17: 15-20. • Subih, H., Al-Tamimi, H., Hamdan, H., Bawadi, H., and Janakat, S. (2018) Decreased weight gain and enhanced serum biochemical parameters in rats after vitamin D and Ca supplementation. <i>Malasian Journal of Nutrion</i>, 24(2): 251-256. • Momani, W. A., Janakat, S., & Khatatbeh, M. (2017). Bacterial contamination of table eggs sold in Jordanian markets. <i>Pakistan Journal of Nutrition</i>, 17(1), 15-20. 		
Activities in specialist bodies over the last 5 years	Organisation	Role	Period
	<ul style="list-style-type: none"> • Agriculture Engineer Association, Jordan. 	Member	2003-now

Name	Sofyan Sulieman Maghaydah		
Post	Associate Professor of Human Nutrition		
Academic career	Ph.D.	Purdue University, USA	2007
	M.Sc.	University of Wisconsin, USA	2002
	B.Sc.	Jordan University of Science and Technology, Jordan	1998
Employment	Assistant Professor	Jordan University of Science and Technology	2007-2014
	Associate Professor	Jordan University of Science and Technology	2014-now
Research and development projects over the last 5 years	<ul style="list-style-type: none"> • Developing slowly digestible starches with low glycemic index food products that would have positive impact on health. • Developing an array of cereal-based products designed for celiac disease patients. • Understand the physiological and biochemical changes, and the role of diet in treating conditions and diseases. • Conduct nutrition assessment and plan health diet for individuals in different stages of life cycle based on several food management tools and evaluate the planned diet. 		
Industry collaborations	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	<ul style="list-style-type: none"> • Ajo, R. Y., Al-Rousan, W. M., Rababah, T., Maghaydah, S., Angor, M. M., Alomari, D. Z., & Bartkute-Norkūniene, V. (2020). Physiochemical properties and nutritional profile of Mediterranean oak acorn. <i>African Journal of Food, Agriculture, Nutrition and Development</i>, 20(5), 16371-16385. • Ajo, R. Y., Al-Rousan, W. M., Rababah, T., Maghaydah, S., Angor, M. M., Alomari, D. Z., & Bartkute-Norkūniene, V. (2020). Physiochemical properties and nutritional profile of Mediterranean oak acorn. <i>African Journal of Food, Agriculture, Nutrition and Development</i>, 20(5), 16371-16385. • Khalaileh, N. I. A., Maghaydah, S., Al-Rousan, W. M., & Ajo, R. Y. (2019). EFFECT OF VARIATION IN REGION AND SEASONS ON SENSORY, CHEMICAL AND MICROBIA CHARACTERISTICS OF LABNEH MANUFACTURED BY TRADITIONAL METHODS. <i>Carpathian Journal of Food Science & Technology</i>, 11(1). 		
Activities in specialist bodies over the last 5 years	Organization	Role	Period
	• International Journal of Agricultural Policy and Research	Editorial Board Member	-
	• Scientific Research Publishing	Reviewer	-
	• The Health National Higher Committee for Nutrition	Member	2009 – now
	• Jordan Food and Drug Administration	Member	2010 – now
	• Jordan Institution of Standards and Metrology	Member	2008 – 2014
	• Higher Council of Science and Technology	Member	2009 – 2010

Name	Hana Awwad Alkhalidy		
Post	Associate Professor of Clinical Nutrition		
Academic career	Ph.D.	Virginia Tech, USA	2016
	M.Sc.	Jordan University of Science and Technology	2008
	B.Sc.	Jordan University of Science and Technology	2005
Employment	Assistant Professor	Jordan University of Science and Technology	2016-2022
	Associate Professor	Jordan University of Science and Technology	2022-now
Research and development projects over the last 5 years	<ul style="list-style-type: none"> • Exploring the polyphenolic content, antioxidant and antidiabetic properties of <i>Eruca sativa</i> L. cultivated in Jordan, 2020. • Investigating the prevalence of cardiovascular diseases and their risk factors among college students in Jordan, 2019. • Study the Anti-diabetic effect of <i>Mentha longifolia</i> L. extract in vivo, 2019. • Study the factors influencing dietary behavior and lifestyle pattern among college students in Jordan, 2019. 		
Industry collaborations	-		
Patents and proprietary rights	-		
Important publications over the last 5 years	<ul style="list-style-type: none"> • Al-Bayyari, N., Hailat, R., Subih, H., Alkhalidy, H., & Eaton, A. (2020). Vitamin D3 reduces risk of cardiovascular and liver diseases by lowering homocysteine levels: double-blinded, randomised, placebo-controlled trial. <i>British Journal of Nutrition</i>, 1–8. https://doi.org/10.1017/s0007114520001890 Q • Wang, Y., Wang, A., Alkhalidy, H., Luo, J., Moomaw, E., Neilson, A. P., & Liu, D. (2020). Flavone Hispidulin Stimulates Glucagon-Like Peptide-1 Secretion and Ameliorates Hyperglycemia in Streptozotocin-Induced Diabetic Mice. <i>Molecular Nutrition & Food Research</i>, 64(6), 1900978. https://doi.org/10.1002/mnfr.201900978 Q. • Alkhalidy, H., Moore, W., Wang, Y., Luo, J., McMillan, R., Zhen, W., Zhou, K., & Liu, D. (2018). The Flavonoid Kaempferol Ameliorates Streptozotocin-Induced Diabetes by Suppressing Hepatic Glucose Production. <i>Molecules</i>, 23(9), 2338. https://doi.org/10.3390/molecules23092338 Q. • Luo, J., Wang, A., Zhen, W., Wang, Y., Si, H., Jia, Z., Alkhalidy, H., Cheng, Z., Gilbert, E., Xu, B., & Liu, D. (2018). Phytonutrient genistein is a survival factor for pancreatic β-cells via GPR30-mediated mechanism. <i>The Journal of Nutritional Biochemistry</i>, 58, 59–70. https://doi.org/10.1016/j.jnutbio.2018.04.018 . 		
Activities in specialist bodies over the last 5 years	Organization	Role	Period
	<ul style="list-style-type: none"> • Agricultural Engineers Association (AEA) • JFDA Special Food Committee • American Society for Nutrition (ASN) 	<ul style="list-style-type: none"> Member Member Member 	<ul style="list-style-type: none"> 2010-now 2017-now 2018-now