

HAYDER A. A. AL-DOMI, PHD



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PROFILE

Associate Professor of Nutrition and Dietetics, hold a PhD in Nutrition and Dietetics. Member of the WHO Nutrition Guidance Expert Advisory Group (NUGAG) subgroup on Diet and Health, Temporary Adviser, and member of EMRO Nutrition Network, WHO, Associate member of the Dietitians Association, Australia and Director and founder of Jordan Obesity and Metabolomics Study Group (JOMSG). Have thirty years experience; 17 years international and thirteen years national experience. Of them, nine years tertiary education and twelve years administration and leadership experience. Inquisitive, assiduous, strongly client and outcomes focused, self-starter and excels in complex environments. Have scientific knowledge coupled with technical expertise. Focused on achieving a high level of research performance and have the ability to interact within a team cross boundaries between traditional scientific disciplines achieve efficient results and creatively develop new ways of solving complex research problems. Have good inter-personal skills and ability of building partnerships as well as excellent organizational and coordination skills. Have demonstrated senior level in a scientific environment and have a reputation for achieving results. Won Distinguished Researcher Award and Won Research Award. Recipient of service commendation letters, and listed on the University Honors List. Committed to disseminate science-based knowledge of nutrition through student education; to seek, verify, and apply information related to nutritional science; and to communicate through professional, scientific, and public outreach programs.

DEGREES AND QUALIFICATIONS

- 2006 PHD-NUTRITION AND DIETETICS.**
School of Natural Sciences, College of Health and Science, University of Western Sydney (UWS), Sydney, NSW, Australia.
Dissertation Topic: "Studies on The Aetiopathogenesis of Type 1 Autoimmune Diabetes"
- 2004 UPGRADED TO PHD.**
School of Food, Science and Horticulture, College of Science, Technology and Environment, UWS, NSW, Australia.
Upgrading form Master of Philosophy (by Research) to PhD was based on the quality and originality as well as the capabilities of the researcher.
Area of Concentration: Type 1 Autoimmune Diabetes.
Won the Research Encouragement Award, 2003.
- 2002 MASTER OF APPLIED SCIENCE-NUTRITIONAL SCIENCE.**
School of Food, Science and Horticulture, College of Science, Technology and Environment, UWS, NSW, Australia.
Area of Concentration: Type 1 Autoimmune Diabetes.
- 2001 DIPLOMA-ENGLISH FOR ACADEMIC PURPOSES**
Sydney West International College, Sydney, Australia. 23/07-24/08/2001.
- 2000 DIPLOMA-PRE-SESSIONAL ENGLISH LANGUAGE PROGRAM**
University of Surrey Roehampton, London, UK. 14/08-08/09/2000.
- 1986 BACHELOR OF PUBLIC HEALTH SCIENCES–NUTRITION.**
Faculty of Public Health and Allied Health Sciences, Department of Nutrition, Yarmouk University, Jordan. 1986.
G.P.A. 81.5%. Graduated with Faculty Honors. GPA of 81.5%; Ranked (1/30).
- 1982 TAWJIHI "GENERAL SECONDARY EXAMINATION"-SCIENTIFIC TRACK**
Irbid Secondary High School, Irbid, Jordan.

AREAS OF RESEARCH INTEREST AND TEACHING EXPERTISE

- Dietetics,
- Human Nutrition,
- Diet and Health,
- Diseases Resistance,
- Cell Signaling,
- Type 1 Autoimmune Diabetes; Diabetogenic Dietary Proteins,
- Obesity Pro and Anti-inflammatory Biomarkers,
- Fatty Acids and Inflammation.

PRINCIPAL CURRENT RESEARCH ACTIVITIES

- Development and characterization of a novel bovine milk protein composed of bovine serum albumin and bovine insulin: A possible potent diabetogenic dietary proteins.
- Role of eating practices and genetic predisposition on the diabetes among children.
- The effect of vitamin D supplementation on chromium serum levels and insulin resistance among overweight Jordanian women with polycystic ovary syndrome in Irbid, Jordan.
- Determination of certain serum pro-inflammatory biomarkers induced by overweight and its relationship with body weight status assessed by advanced techniques.

MAIN RESEARCH COLLABORATORS

Dr Ablu Bsoul, Professor of Clinical Pharmacy, Department of Biopharmaceutics and Clinical Pharmacy, Faculty of Pharmacy, The University of Jordan.

Dr Rima Mashal, Associate Professor of Experimental Nutrition, Department of Nutrition and Food Technology, Faculty of Agriculture, The University of Jordan.

Dr Bayan A. Obeidat, Associate Professor of Community Nutrition, Department of Nutrition and Food Technology, Faculty of Agriculture, Jordan University of Science and Technology, Jordan.

Dr. Ziad W. Jaradat. Associate Professor of Biotechnology, Department of Biotechnology and Genetic Engineering, Faculty of Science and Arts, Jordan University of Science and Technology, Jordan.

Dr. Moh'd Al-Zweri. Associate Professor of Pharmacology, Department of Pharmaceutical Sciences, Faculty of Pharmacy, The University of Jordan, Jordan.

Dr. Imad Hamdan. Professor of Pharmacology, Department of Pharmaceutical Sciences, Faculty of Pharmacy, The University of Jordan, Jordan.

Dr Ashraf Faheem. Professor of Obstetrics and Gynecology, Department of Obstetrics and Gynecology, Jordan University of Science and Technology, Jordan.

Dr. Amal Al-Akour, Assistant Professor of Pharmacotherapy, Department of Biopharmaceutics and Clinical Pharmacy, Faculty of Pharmacy, , The University of Jordan

Dr. Ahmad Al Faqih. Professor of Nutrition, Department of Nutrition and Food Technology, Faculty of Agriculture, the University of Jordan, Jordan.

TEACHING PHILOSOPHY

The main purpose of education is to learn but one must realize not all students learn in the same manner. My teaching philosophy centers on providing the best possible environment multiple ways of learning the material and all of the additional tools necessary for my students to learn. Fully implementation this style of teaching requires great expectations from both my students and me. As an undergraduate I felt there were many Professors and Graduate Student Instructors who approached teaching as a requirement rather than doing everything possible to help their students learn the material.

As a teacher it is my mission to dedicate myself to my students and their learning of the material for the entire duration of the course and beyond. I feel I would be failing my students and myself if I did not give every task from teaching a key concept to generating meaningful assignments my absolute best effort. Students in nutrition science classes need to learn not only the facts but to learn to apply those facts to hypothesize test theories interpret data and formulate conclusions.

As I go further into my scientific career I continue my belief that a teacher of science should devote himself to helping his students learn the principle concepts and how to apply them to scientific problem. Words cannot describe the sense of accomplishment a teacher feels when he sees the “light bulbs” go on for your students and know they truly understand a concept. As an undergraduate I had one great professor Jim who truly changed the way I thought about human nutrition and dietetics and to whom I will always be grateful. I would like to spend my career in teaching being that same great professor to my students.

SUMMARY OF ACADEMIC AND ADMINISTRATIVE EXPERIENCE
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DIRECTOR AND FOUNDER, JORDAN OBESITY AND METABOLOMICS STUDY GROUP (JOMSG). Hamdi Mango Center for Scientific Research (HMCSR), The University of Jordan.	22/10/2015	Present
MEMBER, WHO NUTRITION GUIDANCE EXPERT ADVISORY GROUP (NUGAG). WHO.	07/06/2015	Present
TEMPORARY ADVISER, AND MEMBER OF NUTRITION NETWORK, WHO / EMRO.	07/2015	Present
DIRECTOR OF HUMAN RESOURCES The University of Jordan, Jordan.	01/11/2014	Present
VICE DIRECTOR FOR ADMINISTRATIVE AFFAIRS Jordan University Hospital, Jordan.	22/12/2013	31/10/ 2014
SUPERVISOR, FOOD AND NUTRITION SERVICES DEPARTMENT, THE UNIVERSITY OF JORDAN, JORDAN.	05/01/2014	Present
HEAD OF DEPARTMENT, FOOD AND NUTRITION SERVICES DEPARTMENT, The University of Jordan, Jordan.	20/11/2008	25/10/2010
	22/08/2012	22/12/2013
MEMBER, BOARD OF DIRECTORS, Jordan Food and Drug Administration, Jordan.	10/08/2010	18/08/2012
ASSOCIATE PROFESSOR OF NUTRITION AND DIETETICS The University of Jordan, Jordan.	02/04/2012	Present
ASSISTANT PROFESSOR OF NUTRITION AND DIETETICS The University of Jordan, Jordan.	10/09/2006	01/04/2012
LECTURER. (LEVEL 6/9) Massey University, Wellington, New Zealand.	05/05/2006	02/09/2006
LECTURER University of Western Sydney, Australia.	07/07/2003	23/04/2006
HEAD OF DIETARY DEPARTMENT Ministry of Health, Saudi Arabia.	21/03/1989	11/06/1999
NUTRITIONIST King Hussein Medical City, Jordan.	17/11/1988	15/03/1989
CONSCRIPT- PUBLIC HEALTH NUTRITIONIST Royal Medical Services, Jordan.	16/09/1986	15/09/1988

ACADEMIC EXPERIENCE

22/10/2015- Present **DIRECTOR AND FOUNDER, JORDAN OBESITY AND METABOLOMICS STUDY GROUP (JOMSG).**

**HAMDI MANGO CENTER FOR SCIENTIFIC RESEARCH (HMCSR),
THE UNIVERSITY OF JORDAN, AMMAN, JORDAN.**

MAIN AREAS OF RESPONSIBILITIES

- JOMSG was established participate in the global effort to ending obesity

OBJECTIVES

- Serve as a centre for initiating proper awareness in issues related to food and nutrition to people in Jordan.
- Collect and disseminate information on health, illness and risk behavior, to collaboratively work towards the prevention and treatment of nutrition-related diseases prevalent in Jordan; particularly over nutrition (e.g. obesity and its related comorbidities such as diabetes and hyperlipidemia).
- Present the current situation of childhood overweight and obesity in Jordan, including the challenges, opportunities and implementation gaps.
- Enhance capacity building in nutrition in Jordan, through training workshops and seminars, publishing articles in academic journals, and generating reports to stimulate further discussion and research.
- Present its findings to policymakers, the community, and representatives of civil society organizations, as well as to disseminate findings on the social implications of health and related issues.
- Serve as information resource center on food, nutrition, and to develop outreach programs for extending research-based information to the general population, consumers and professionals in food science and nutrition.
- Determine possible Surrogate Biomarkers of overnutrition-induced metabolic stress and insulin resistance in common metabolic disorders.
- Establishing a nutrition network in Jordan and the Region, building on modern communication methods, where HMCSR could act as a coordinating platform for collaboration between various institutions.
- Collaborate with national, regional, and international research groups.
- Contact WHO to establish a WHO Collaboration center for Ending Obesity at HMCSR.

07/06/2015- Present MEMBER, WHO NUTRITION GUIDANCE EXPERT ADVISORY GROUP (NUGAG) SUBGROUP ON DIET AND HEALTH.

**NUTRITION FOR HEALTH AND DEVELOPMENT (NHD),
WORLD HEALTH ORGANIZATION,
GENEVA, SWITZERLAND.**

http://www.who.int/nutrition/events/2015_8th_NUGAG_meeting_9to12June_Japan/en/

http://www.who.int/nutrition/topics/advisory_group/nugag_dietandhealth_members_2015to2016/en/

MAIN AREAS OF RESPONSIBILITIES

- NUGAG subgroup on Diet and Health established in 2010 in order to implement WHO's new guideline development for nutrition.

OBJECTIVES

- Review the updated systematic reviews and assess the available evidence on the health effects and possible thresholds of saturated fatty acids (SFA) and trans-fatty acids (TFA);
- Formulate draft recommendations on SFA and TFA for the prevention of NCDs; and
- Review the issues related to replacement of SFA and TFA as public health measures related to diet, nutrition and health with a view of developing dietary guidance for the prevention of NCDs

**07/2015- Present TEMPORARY ADVISER, AND MEMBER OF NUTRITION NETWORK,
WORLD HEALTH ORGANIZATION / EASTERN MEDITERRANEAN REGIONAL OFFICE,
CAIRO, EGYPT.**

MAIN AREAS OF RESPONSIBILITIES

- Regional Consultation on Childhood Obesity Prevention and Control in The Eastern Mediterranean Region, EMRO, Cairo, Egypt, 2-3 July 2015. Updating the recommendations related to dietary goals for the prevention of obesity and diet-related NCDs.

OBJECTIVES

- Present the current situation of childhood overweight and obesity in the Eastern Mediterranean Region, including the challenges, opportunities and implementation gaps;
- Review recommendations from the Commission; and
- Provide regional feedback and perspectives on the recommendations of the Commission.

- Technical Consultation on Sugar Reduction Intake in the Eastern Mediterranean Region, Amman, Jordan, 26 - 27 July 2015.

OBJECTIVES

- Review the levels, patterns and sources of sugars consumption in countries of the Eastern Mediterranean Region; and
- Develop a regional roadmap to help countries to take action on reducing sugar intake, in accordance with the WHO guideline on sugar intake in adults and children, through identifying key cost-effective and strategic interventions and priority actions for Member States and WHO as well as key partners, where required.

02/04/2012- Present **ASSOCIATE PROFESSOR, NUTRITION AND DIETETICS**

10/09/2006-01/04/2012 **ASSISTANT PROFESSOR, NUTRITION AND DIETETICS**

**Department of Nutrition and Food Technology, Faculty of Agriculture,
The University of Jordan, Amman, Jordan.**

MAIN AREAS OF RESPONSIBILITIES

- Undertaking undergraduate and postgraduate teaching.
- Developing, teaching and maintaining curriculum components of courses.
- Coordinating and administering the internal and extramural modules.
- Undertaking personal and team-based research.
- Participating in community service activities that further advance the profession or filed.

TEACHING

UNDERGRADUATE

Graduation Project (0603498), Pharmaceutical nutrition and Medical Nutrition Interventions for Pharmacy students (1203519), Diet Therapy (1) (0603451), Diet Therapy (2) (0603452), Training in Therapeutic Nutrition (0653494), Training in the Nutrition of Healthy People (0603493), Seminar in Nutrition and Dietetics (0603491), Applied Nutrition for Nurses (0603232), Human Physiology (06033302), Introduction to Human Nutrition (0603100), Human Nutrition (0603201), Special Issues in Nutrition and Dietetics (0643432).

POSTGRADUATE

Clinical Nutrition, (PhD; 0603968), Nutrition, Genomics and Immunity (PhD; 0603955), Seminar (MSc; 0603791), Research Design and Methods (MSc; 0603391), Advanced Diet Therapy (MSc; 0603761).

SELECTED COMMITTEES

GOVERNMENT

- Member, Social and Economic Determinants of Health (SDH), Ministry of Health, Jordan; January, 2013.

THE UNIVERSITY OF JORDAN

- Member, Committee for the development of University of Jordan Employees' Training Policy. 01/07/2015-Present.
- Member, SMART Students Registration Program Committee. 16/8/2015-Present.
- Member, Development of Job Description Committee,
- Member, human resources System Development, 01/01/2015-Present.
- Member, Employees Affairs Committee, The University of Jordan. 11/2014-Present..
- Member of the Higher Steering Committee for Planning and Development of the Jordan University. 2/2015-Present.
- Member of Research Funds Management Committee; 2/2015-Present.
- Member of Social Committee at the Jordan University; 2/2015-Present.

- Member of Jordan University Hospital Steering Committee for King Abdullah II Award for Excellence in Government Performance and Transparency; 22/12/2013-31/10/2014
- Chair of the Operations Committee, Jordan University Hospital for King Abdullah II Award for Excellence in Government Performance and Transparency, Jordan University Hospital. 22/12/2013-31/10/2014
- Deputy Chair of Health and Safety Committee, Jordan University Hospital. 22/12/2013-31/10/2014.
- Member of the Committee for Developing MSc program of Management Global Challenges. University of Jordan, Jordan, Cologne University, Germany, the School of Oriental and African Studies, London University, UK, Royal Institute of Technology, KTH, Sweden, and The Carpe Vitam Foundation, Sweden. 2011.
- Member of the Open Mind Academy Workshop toward developing a joint Masters program with Lund University (Sweden), the School of Oriental and African Studies, London University (UK), Royal Institute of Technology, KTH (Sweden), Wageningen University (Netherlands) and the University of Jordan. Gotwich Estate. London, 20-24/5/ 2010.

FACULTY OF AGRICULTURE

The University of Jordan, Amman, Jordan.

- Member of the Seminars Committee; 2009/2010-Present.
- Member of the Publications Committee; 2009/2010-Present
- Member of the Community Service Committee; 2009/2010-Present
- Member of the Faculty Council; 2012/2013
- Member, Steering Committee for the Development of the Faculty of Agricultural Research Station, 2013/2014.

DEPARTMENT OF NUTRITION AND FOOD TECHNOLOGY

Faculty of Agriculture, The University of Jordan, Amman, Jordan.

- Member, Nutrition and Dietetics Program Accreditation Committee, 2015/2016-Present
- Chairperson of the Committee of Seminars, Workshops and Community Service; 2006/2007-Present.
- Chairperson, Library Committee; 2013/2014-Present.
- Chairperson of the Public Safety Committee; 2007/2008 and 2006/2007.
- Member, Graduate Studies Committee; 2014/2015-Present.
- Member of the Study Plan Committee; 2007-2009--Present.
- Member of the Committee to Developing BSc of Nutrition and Dietetics study plan 2007/2008-Present.
- Member of the Committee of Field Training in Nutrition and Dietetics; 2007/2008-Present.
- Member of the Committee of Quality Management; 2007/2008-Present.
- Member of the Library Committee; 2008//2009-Present.
- Department Representative in the Council of the Faculty of Agriculture; 2012/2013.
- Member of Health and Safety Committee; 2011/2012 and 2008/2009.
- Member of the Scientific Research Committee;2007/2008-2012/2013.
- Member of the Committee for Establishing Research Groups 2009/2010.
- Member of the Committee of Instruments and Materials. 2006/2007.

GRANTS FUNDED

PRINCIPAL INVESTIGATOR

- Association between Serum levels of Vitamin D and Complement 3 and body weight Status: A Possible Obesity Biomarkers. Deanship of Academic Research, The University of Jordan, Jordan. April, 2015-ongoing
- Association between Serum levels of Vitamin D and Complement 3 and body weight Status: A Possible Obesity Biomarkers. JOD JD 5,500/--; Deanship of Academic Research, The University of Jordan, Jordan. July, 2013-Closed December, 2014.
- The Effect of Vitamin D Supplementation on Chromium Serum Levels and Insulin Resistance among Overweight Jordanian Women with Polycystic Ovary Syndrome in Irbid. JOD 17,500/--; Hayat Pharmaceutical Industries, Jordan, and JOD 2500/--Deanship of Academic Research, The University of Jordan, Jordan. Closed December, 2014.
- Measuring Resting Metabolic Rate Using Indirect Calorimetric System Among Overweight/Obese Students of The University of Jordan (OOSUJ). JOD 6,000.00; Hamdi Mango Center for Scientific Research, UJ. Closed November, 2013.
- Obesity among Jordanian Children: Eating Practices and Genetic Predisposition. JOD 15,000/--; Deanship of Academic Research. Closed January 2013.
- Development and characterization of a novel bovine milk protein composed of bovine serum albumin and bovine insulin: A possible potent diabetogen. JOD JD 25,500/--; Deanship of Academic Research: Closed; January 2013.

CO-INVESTIGATOR

- Association of Dietary Intake of Hydrogenated Fats (Trans Fatty Acids) and Coronary Heart Disease Risk in Jordan. JOD 11,250/--, Deanship of Academic Research. Ongoing.

SUPERVISED PHD AND MASTER CANDIDATES

PRINCIPAL SUPERVISOR: PHD CANDIDATES

- Mohammed Al-Zuobi. Effect of Omega-3 Fatty Acids Supplementation on The Metabolic Consequence of Intermittent Hypoxia in Obese Individuals with Obstructive Sleep Apnea. Submitted; in processing, December, 2015. Co-supervisor, Dr. Suliman Al-Momani.
- Buthynah Al-Khateeb. Effect of Iron Supplementation on Serum Levels of Hepcidin, Leptin and Interlukine-6 Adepokines, and Liver and Adipose Tissue Iron Content and Histopathological Changes in Male Sprague-Dawley Rats Fed High-Fat-Diets. Submitted; in processing, November, 2015. Co-supervisor, Dr. Maha Shumaf.
- Nahal Subhi Al-Bayari. The Effect of Vitamin D Supplementation on Chromium Serum Levels and Insulin Resistance among Overweight Jordanian Women with Polycystic Ovary Syndrome in Irbid. JOD: 1500/--, Deanship of Academic Research, and Hayat Pharmaceuticals JOD 5000/--. Started November, 2012 and Graduated, November, 2014.
- ClinicalTrials.gov Identifier: NCT02328404.
- <https://clinicaltrials.gov/ct2/show/results/NCT02328404?sect=X0156#outcome9>

PRINCIPAL SUPERVISOR: CURRENT MSc CANDIDATES

- Amani Al Maytah. The Effect of aqueous leaf extract of Moringa Oliefera on weight gain and serum inflammatory markers in male Sprague Dawley rats fed a high fat diet. JOD 1500/--, Deanship of Academic Research. Started, May, 2015.
- Anfal Al-Dalaeen. The Relationship between certain Antioxidant Enzymes Activity, Oxidative Stress,

Serum levels of Lipid, and Physical Activity in a Group of Obese Jordanian Children Aged 10 -15 Years Old. JOD 1500/--, Deanship of Academic Research. Started, March, 2015.

- Ladana Dirini. The effect of Medjool variety of date palm fruits (*Phoenix dactylifera* L.) at the Tamr stage on oxidative stress in diet-induced obese name of the animal model rats. JOD 3000/--, Deanship of Academic Research. Started December, 2014.
- Reem Al-Haj Ahmed. The Relationship Between Vitamin D Status and Complement 3 Serum Levels as a Pro Inflammatory Biomarker for Insulin Resistance in a Group of Obese Adults Aged 18-35 Years Old at the University of Jordan. JOD 1500/--, Deanship of Academic Research. Started November, 2014.
- Alaa Al-Shorman. The Associations Among Obesity, Certain Inflammatory Markers and Carotid Intima-Media Thickness in a Group of Jordanian Children Aged 10-15 Year Old. JOD 5310/- ; Abdul Hameed Shoman Foundation, and JOD 1500/--, Deanship of Academic Research. February 2, 2015. Started August, 2014.

PRINCIPAL SUPERVISOR: GRADUATED MSc CANDIDATES

- Al-Anoud Faisal Al-Sumat. Effect of Skipping Breakfast on Body Composition, Lipid Profile and Insulin Sensitivity in a Group of Obese Jordanian Adults Aged 18 to 25 years old at UJ. JOD 1500/-- Deanship of Academic Research. Started January, 2013 and graduated, May, 2014.
- Asma' GhalibAl-Barikri. Effect of Dietary-Induced Obesity and Body Weight-Reducing Diet on the Initiation, Progression, and Reversibility of Epididymal Adipose Tissue Remodeling and on Insulin Sensitivity in Sprague Dawley Male Rats. JOD 2500/-- Deanship of Academic Research. Started Agust, 2012 and graduated, December, 2014.
- Sundous Al-Obedi. Assessment of the Nutritional Status of a Group of Institutionalized Jordanian Geriatrics Aged 65-80 years old in Amman. JOD 2500/-- Deanship of Academic Research. Started December, 2012 and graduated, December, 2014.
- Karam Shukri Al-Majdalni. Relationship between Certain Pro-inflammatory Biomarkers and Body Composition in a Group of Overweight Students at The University of Jordan. JOD 2000/--, DAR. Started March, 2012 and graduated; December, 2012.
- Hala Al-Nawysah. Relationship between Impaired Glucose Tolerance and Selected Risk Factors in a Group of Obese Adolescent Students Aged 15-17 Years in Amman, Jordan. JOD : 1500/--, Deanship of Academic Research. Started January 2012 and graduated; December, 2012.
- Ruba A. Abo Taleb. MSc. Evaluation of Serum Estrogen, Ghrelin and Leptin Levels and their Relationship to Body Composition in a Group of Female Students at the University of Jordan aged 18-25 years. JOD 1500/--, Deanship of Academic Research. Started May, 2011 and graduated November, 2012.
- Isra Ali Mahmood. Effect of GLP-1 Receptor Agonist, Exercise, and High-Fat Diet on Body Fat Mass, Blood Glucose Levels, and GLP-1 Levels in Obese-Diabetic C57BL/6J Mice. JOD 3500/--, Deanship of Academic Research, Graduated. July 2010.
- Tamara Yousif Al-Mousa. Eating Attitude And Behavior Disturbances Of Selected Adolescent Schoolgirls in Amman, Jordan. JOD 300/--, Deanship of Academic Research. Graduated; November, 2008.

CO-SUPERVISOR: GRADUATED MSc CANDIDATES

- Lila S. Mustafa. Co-Advisor: Dr. Hayder Al-Domi. Drying of Sweet Whey Using Drum Dryer Technique and Utilization of the Produced Powder in French-type Bread and Butter Cookies. Graduated April, 2013.

PHD AND MASTER THESIS EXAM COMMITTEES

PHD DISSERTATION-INTERNAL

- Mo'ez A. Faris. Nutraceutical Effect of Lentils (*Lens Culinaris*, L.) in Fischer 344 Rats with Azoxymethane-Induced Colorectal Cancer. UJ; January, 2009.
- Safaa Abed Ibrahim Al-Zeidaneen. Interactive Role of Metabolic Syndrome and Its Risk Components on the Pathogenesis and Severity of Breast Cancer in A Group of Women in Jordan. UJ; December, 2014.

MSc-EXTERNAL

- Nada Nabil Haj-Yaseen. The Relationship between the Frequency of Fish Intake and Cardiovascular Diseases Risk Factors among Jordanian Adults in Amman-Jordan. MSc of Nutrition and Food Technology; May, 2010.
- Batool Abdel-Hameed Amarneh. Polymorphisms of Selected Obesity Candidate Genes [Leptin, Pro-Opiomelanocortin (POMC), Leptin Receptor and Beta-3 Adrenergic Receptor (ADRB3)] among Individuals Aged 10-22 Years from Irbid, Jordan. MSc. of Biotechnology and Genetic Engineering, JUST; April, 2011.
- Lana Mustafa Eygraib. Effect of Method of Preparation of Arabic Coffee (Sada) on Antioxidants Content and Liver Functions in the Rat. MSc. of Nutrition and Food Technology; JUST; May, 2010.
- Abrar M. Rashdan. Characterization of Monoclonal Antibodies Produced Against Enterobacter Sakazaki. MSc. of Biotechnology and genetic engineering; JUST; May, 2009.
- Nawal A. Samara. Immunologic and Proteomic Analysis of Enterobacter Sakazaki Isolated from a Wide Range of Food Including Infant Formulas. MSc. of Biotechnology and Genetic Engineering; JUST; January, 2008.

MSc-INTERNAL

- Fatmah Abu Hussien. Sodium Content of Different Types of Bread Marketed in Amman and Its Intake by A Group of Young Jordanian Adults. MSc. of Human Nutrition and Dietetics, UJ; December 2015.
- Sara Obaid. Evaluation of The Association among the Nutritional Status of Some B Vitamins, Cognitive Function, Homocysteine Levels and Metformin Use in A Selected Sample of Non-Institutionalized Older Subjects with Type 2 Diabetes Mellitus In Amman, Jordan. MSc. of Human Nutrition and Dietetics, UJ; August 2015.
- Sereen AlSaleh. The Evaluation of Omega-3 and Omega-6 Fatty Acids Status, Certain Proinflammatory, and Cognitive Function in A Selected Group Of Institutionalized Older People in Amman, Jordan. MSc. of Human Nutrition and Dietetics, UJ; August 2015.
- Rawan J. Jala al-Deen. Evaluation of Serum Complement C3 Protein Levels and its Association with Anthropomorphic Indices of Obesity and Macronutrient Intakes in a group of Adolescents Boys and Girls aged 12-16 Years in Amman. MSc. of Human Nutrition and Dietetics, UJ; November 2014.
- Tasneem J. Al-Wael. Evaluation of Sodium and Potassium Intakes Using 3-Day Food Diaries in A Sample of Students and Employees In The University of Jordan Aged (20-40 Years). MSc. of Human Nutrition and Dietetics, UJ; October 2014.
- Liliyas M. Faham. Evaluation of Serum Leptin, Adiponectin, and Vaspin Levels and their Association with Anthropomorphic Obesity and Growth Indicators In a Group of Exclusively Breast-Fed and Exclusively Formula-Fed Infants Aged 2-6 Months in Amman. MSc. of Human Nutrition and Dietetics, UJ; May 2014.
- Marian Fakhori. Knowledge, Attitudes and Practices toward Functional Foods among a Group of Undergraduate Students of the University of Jordan. MSc. of Human Nutrition and Dietetics, UJ; January 2013.
- Thuraya Alawwa. Knowledge, Attitudes and Practices Toward Functional Foods among a Group of

Undergraduate Students of the University of Jordan. MSc. Human Nutrition and Dietetics, UJ; January 2013.

- Suzan M Burghul. Assessment of Selenium status in a group of pregnant and non-pregnant young women in Amman aged 20-35 years. MSc. of Human Nutrition and Dietetics, UJ; January 2013.
- Ola M. Ayyad. The Relationship between Hyperhomocysteinemia and Coronary Heart Disease in Type 2 Diabetic Patients in Jordan. MSc. of Human Nutrition and Dietetics, UJ; December, 2011.
- Doaa Nader Al-Jada. Effect of Olive Oil, Corn Oil and Sheep Tallow on Serum Levels of Glucose, Insulin and Leptin, and Adipose Tissue Peroxisome Proliferator-Activated Receptor Gamma in Rats Fed Fructose-Based Diets. Msc. of Human Nutrition and Dietetics, UJ; May, 2011.
- Elham Y. Al-Drawish. Study of the Relation between Overweight and Physical Activity and the Eating Pattern of a Group of Adolescent School Girls Living in a Sub-Urban Area of Amman (Al-Quesmeh District). MSc. of Nutrition and Food Technology, UJ; March, 2010.

20/05/2010- Present **PROGRAM ACADEMIC STAFF**
Global Challenges and Leadership (GCL), Department of International Development, Prince Al Hussein Bin Abdullah II School of International Studies, The University of Jordan.

MAIN AREAS OF RESPONSIBILITIES

The program is a collaboration effort of four universities with strong research profiles in issues of human development, environmental studies and socio-economic transformation in the Middle East, The participating universities are the University of Jordan (UJ), Lund University, the Norwegian University of Life Sciences, Cologne University of Applied Sciences .The program is partially supported by the Open Mind Academy (OMA), an educational project aimed at the improvement of quality in higher education and the expansion of vocational training.

07/07/2003-23/04/2006 **LECTURER**
School of Natural Sciences, College of Health Science, University of Western Sydney, Sydney, NSW, Australia.

MAIN AREAS OF RESPONSIBILITIES

- **Coordinator:** Coordinated Introduction to Human Physiology (300320), and Nutrition and Community Health (NT304A) with responsibility for lectures, tutorials, and laboratory sessions as well as assessments. Maintained students' records and out-of-class contact with students. Introduced and developed material for WebCT on line delivery for both units.
- **Lecturer:** Taught Nutrition and community Nutrition (NT304A) to undergraduate and graduate students. Prepared and delivered selected lectures. In 2004 I assumed sole responsibility for the unit including coordination, preparation and delivery of all lectures, setting examinations and determining final marks for all students.
- **Demonstrator:** Supervised laboratory session in undergraduate Biology, Chemistry and Advanced Molecular Biology. Involved in the supervision was the preparation, administration and grading of examinations.
- **Postgraduate co-supervisor and tutor:** Tutored several Master of Applied Science students every semester including subject matter as well as acting as their research co-supervisor. Total number of postgraduate students over this period was four.

**05/05/2006-
02/09/2006** **LECTURER (LEVEL 6/9)**

**Institute of Food, Nutrition and Human Health, College of Science, Massey University,
Wellington, New Zealand.**

MAIN AREAS OF RESPONSIBILITIES

- Undertake undergraduate and postgraduate teaching.
- Develop, teach and maintain curriculum components of courses as well as coordinate and administer the internal and extramural modules.
- Undertake an active, appropriate and viable both personal and team-based research.
- Participate in community service activities that further advance the profession or field..

ADMINISTRATIVE EXPERIENCE

**1/11/2014-
Present** **DIRECTOR, HUMAN RESOURCES DEPARTMENT**

The University of Jordan, Amman, Jordan.

MAIN AREAS OF RESPONSIBILITIES

- Providing qualified administrative staff, technicians and professionals in specializations, skills and vocational services that meet the needs and demands of the various faculties, departments, units and sections, of the University.
- Overseeing the implementation of all decisions pertaining to the appointment of faculty members.
- Responsible for issues like promotion, salary increases, allowances, transfer of staff from one department/unit to the other, renewing contracts, preparing annual appraisal reports and resignations.
- Overseeing the continuous development of its staff and the update of their knowledge, skills, know-how and performance by means of organizing training courses and workshops in accordance with their needs.

**22/12/2013-
31/10/2014** **VICE DIRECTOR FOR ADMINISTRATIVE AFFAIRS**

Jordan University Hospital, The University of Jordan, Amman, Jordan.

MAIN AREAS OF RESPONSIBILITIES

- Responsible for the overall leadership and operation of the hospital's services, departments, and functions.
- Directs the ongoing mission and philosophy of care of the hospital by demonstrating leadership through exploring, developing, accepting and implementing new ideas with vision, foresight, and customer sensitivity to meet the hospital and community's needs.
- Assures the hospital is adequately staffed, programming standards are met and adequate resources are provided to meet the needs of the patient populations served.
- Responsible for the hospital's administrative performance, overseeing departmental and committee's activity.
- Coordinating efforts to established facility/committee goals, strategic planning, performance improvement planning, marketing, and community liaison activities in adherence with the hospital policy and procedures, compliance plan, and all internal and external regulatory bodies that apply to the daily operation of the facility.
- All duties to be done in accordance with hospital and country's regulations.
- Performs other related duties as assigned.

**5/1/2014-
Present** **SUPERVISOR, FOOD AND DIETARY SERVICES DEPARTMENT**

**20/11/2008-
25/10/2010** **DIRECTOR, FOOD AND DIETARY SERVICES DEPARTMENT**

**22/8/2012-
22/12/2013** **The University of Jordan, Amman, Jordan.**

MAIN AREAS OF RESPONSIBILITIES

- Providing overall leadership and vision for the department.
- Overseeing department planning and implementation.
- Assuring department performance towards results.
- Representing department to the University Administration.
- Assuring department is aligned with university strategies.
- Developing and implement annual work plans, budgets, and monitoring and evaluation plans.
- Evaluating department performance.
- Managing and supervise staff – both technical and administrative.
- Determine needs for and coordinate short term technical assistance.
- Ensuring all deliverables are met, and that they meet the highest of quality standards.
- Developing budget of the department.

**18/8/2010-
17/8/2012** **MEMBER, BOARD OF DIRECTORS**

Jordan Food and Drug Administration, Jordan.

MAIN AREAS OF RESPONSIBILITIES

- Governing the administration by establishing objective and broad policies.
- Jointly overseeing the administration's activities.
- Selecting, appointing, supporting and reviewing the performance of the chief executive.
- Ensuring the availability of adequate financial resources.
- Approving annual budgets.
- Accounting to the stakeholders for the administration's performance.

**21/03/1989-
11/06/1999** **DIRECTOR, DIETARY DEPARTMENT**

Al-Baha Health Affairs General Directorate, Al-Baha Region, Ministry of Health, Al-Baha Region, Saudi Arabia.

MAIN AREAS OF RESPONSIBILITIES

- Establishing dietary departments in four main hospitals; bed capacity ranged from 50-300 beds.
- Supervised the quality of dietary care provided to patients including provisions for the assessment of the patient nutritional status and long-term home-care nutritional plan.
- Responsible for the daily operations and coordinating activities of the department.
- Responsible for all of the administrative and human-resource functions.
- Assured health and safety standards and regulations are obeyed. Training in food inspection, sampling, application of quality and safety management system, preparation of quality control charts and standardization.
- Oversee the inventory and ordering of food, equipment, and supplies and arrange for the routine maintenance and upkeep of the equipment and facilities of the department.

**17/11/1988-
15/03/1989** **NUTRITIONIST**

Service Master Middle East, Hospital Support Services-Herman Smith International, King Hussein Medical City, Amman, Jordan.

MAIN AREAS OF RESPONSIBILITIES

- Assisted in the management of the dietary department.
- Tutored newly graduated Nutritionists.
- Evaluated the nutritional status of persons with obesity and/or diabetes.
- Provided discharged persons with home-care nutritional plans.

**16/09/1986-
15/09/1988** **CONSCRIPT, PUBLIC HEALTH NUTRITIONIST**

Ministry of Defence, Royal Medical Services, Prince Rashid Military Hospital, Irbid, Jordan.

MAIN AREAS OF RESPONSIBILITIES

- Intern Nutritionist.
- Interviewed and evaluated the nutritional status of both inpatients and outpatients.
- Provided discharged persons with homecare medical nutrition intervention plans.

PUBLICATIONS

REFERRED PUBLICATION

1. **Hayder Al-Domi.** (2015). Knowledge and Attitudes toward Breastfeeding among Unmarried Female Graduates at the University of Jordan. Malaysian Journal of Nutrition. Accepted.
2. **Hayder Al-Domi.** (2015). Paleolithic Hunter-Gatherers' Dietary Patterns: Implications and Consequences. African Journal of Food Agriculture, Nutrition and Development (AJFAND); 15(2):9935-9947.
<http://www.ajfand.net/Volume15/No2/Hayder13400.pdf>
3. **Hayder A. Al-Domi** (2015). The Effect of the Universal Sedentary and Pervasive Passive Overconsumption on Obesity Pandemic Among Children And Adolescents. Arab Journal of Food and Nutrition. 14(33):5-18 (In Arabic).
http://www.acnut.com/v/images/stories/pdf/journals/arab_journal_33.pdf
4. Israa Ali Mahmud, **Hayder Abdullah Al-Domi** (2014). Reversal of Obesity and Metabolic Disorders by Exercise in High-Fat Diet-Induced Obese C57BL/6 mice. Jordan Journal of Agricultural Sciences. 10 (3): 426-440.
<https://journals.ju.edu.jo/JJAS/article/viewFile/7217/4039>
5. Asmaa Albakri, **Hayder Al-Domi** , Karam Majdalani, Hala Nawaiseh (2014). Adipose Tissue Remodeling and its Effect on Insulin Sensitivity in Obese Individuals: A Critical Review. Jordan Journal of Agricultural Sciences. 10 (2): 215-224.
<https://journals.ju.edu.jo/JJAS/article/viewFile/6758/3898>
6. L. Mustafa, A. K. Alsaed and **H. Al-Domi** (2014). Drying Sweet Whey Using Drum Dryer Technique and Utilization of The Produced Powder in French-Type Bread and Butter Cookies. Pakistan Journal of Biological Sciences. 17(6):812-820. doi: 10.3923/pjbs.2014.812.820. Asian Network for Science Information.
<http://scialert.net/qredirect.php?doi=pjbs.2014.812.820&linkid=pdf>
7. **Al-Domi, H.**, Alzweiri, M., Hamdan, I. and Jaradat, Z. (2014), *In Vitro* Evaluation of Potential Complexation between Bovine Insulin and Bovine Serum Albumin. Biomedical Chromatography. 28(3):428-432. doi: 10.1002/bmc.3050. Epub 2013 Sep 30. Wiley & Sons, Ltd.
<http://onlinelibrary.wiley.com/doi/10.1002/bmc.3050/abstract>
8. **Al-Domi, H** (2013). Genetic Factors That Act As an Effect Modifier for Environmental Risk Factors of Obesity. Dirasat, Agricultural Sciences. 39(1): 27-37.
<http://journals.ju.edu.jo/DirasatAgr/article/viewFile/5705/4203>
9. Ali K. Alsaed, Rafat Ahmad, **Hayder Al-Domi**, Salma Abd El-Qader, Duaa Saleh, Haneen Sakejha and Laila Mustafa (2013). Characterization, Concentration and Utilization of Sweet and Acid Whey. Pak. J. Nutr., 12 (2): 172-177. <http://www.icef11.org/content/papers/fpe/FPE454.pdf>

10. Ziad W Jaradat, Alaa Al Bzour, Qotaibah Ababneh, Saleh Shdiefat, Saied Jaradat and **Hayder Al Domi** (2012). Identification Of Allergenic Pollen Grains In 36 Olive (*Olea Europaea*) Cultivars Grown In Jordan. *Food and Agricultural Immunology* 23(3): 255-264.
<http://www.tandfonline.com/doi/abs/10.1080/09540105.2011.617357?tab=permissions#.VQF8FNLLdS9>
11. Rima H. Mashal, Ayman Oudeh, Khalid M. Al-Ismael, Khaled A. Abu-Hammour and **Hayder A. Al-Domi** (2012). Association of Dietary Intake of Trans Fatty Acids and Coronary Heart Disease Risk in Jordanian Subjects. *Pakistan Journal of Nutrition*. 11(5):423-433.
<http://www.scialert.net/qredirect.php?doi=pjn.2012.423.433&linkid=pdf>
12. **Hayder A. Al-Domi**, Moez E. Fairs and Salam M. Habib (2011). Dietetic Practice of Nutritionists in Jordanian Hospitals. *Arab Journal of Food and Nutrition* 11(27):43-64 (In Arabic).
13. **Hayder Al-Domi**, Hiba Al-Rawajfeh, Fatima Aboyouisif, Safa Yaghi1, Rima Mashal, Jumana Fakhoury (2011). Determining and Addressing Food Plate Waste in a Group of Students at the University of Jordan. *Pakistan Journal of Nutrition* 10 (9): 871-878.
<http://www.pjbs.org/pjonline/fin2096.pdf>
14. R. H. Mashal, K. M. Al-Ismael, **H. A. Al-Domi**, T. Y. Al-Mousa. (2012). Variability in Trans Fatty Acid Content of Selected Local and Imported Foods in Jordan. *La Rivista Italia delle Sostanze Grasse*. LXXXIX:193-200.
<http://www.innovhub-ssi.it/documents/11654/91246/offprint-Mashal.pdf>
15. Rasmieh M. Al-Amer, Maha M. Sobeh, Ayman A. Zayed, **Hayder A. Al-Domi** (2011). Depression among Adults With Diabetes in Jordan: Risk Factors And Relationship to Blood Sugar Control. *Journal of Diabetes and its Complications*. 25 (4): 247-252. http://ac.els-cdn.com/S1056872711000365/1-s2.0-S1056872711000365-main.pdf?_tid=94413bce-c7ea-11e4-b4e6-00000aacb360&acdnat=1426077285_b10b3fc8f11c056479c92fc8251ede71
16. **Al-Domi, H.** (2011). Addressing the Levels of Knowledge and Awareness on Human Rights an the right to food in a Group of Students at the University of Jordan. *Pakistan Journal of Nutrition*. 10 (7): 609-617.
<http://scialert.net/qredirect.php?doi=pjn.2011.609.617&linkid=pdf>
17. **H.A. Al-Domi**, Z.W. Jaradat, R.M. Jones and Q.O. Ababneh (2010). Investigating Immune Responses to Putative Diabetogenic Modified Bovine Proteins Subjected to Microwave Heating among Young Jordanian Children with Type 1 Diabetes Mellitus. *Research Journal of Biological Sciences*.5(8): 521-528.
<http://docsdrive.com/pdfs/medwelljournals/rjbsci/2010/521-528.pdf>
18. Mousa, T.Y., **Al-Domi, A. H.**, Mashal, R.H., Jibril, M. A. (2009). Eating Disturbances among Adolescent Schoolgirls in Jordan. *Appetite*. 54 (1): 196-201.
<http://www.sciencedirect.com/science/article/pii/S0195666309006461>

19. Mousa, T. Y, Mashal, R. H., **Al-Domi, H. A.**, Jibril, M. A. (2009). Body Image Disturbances among Adolescent Schoolgirls in Jordan. *Body Image*. 7(1): 46-50.
<http://www.sciencedirect.com/science/article/pii/S174014450900103X>
20. Mousa T Y., **Al-Domi H. A.** and Mashal, R. H. (2009). Eating Disturbances among Adolescents: A review. *Dirasat, Agricultural Sciences*. 36(2): 109-121. <http://journals.ju.edu.jo/DirasatAgr/article/viewFile/34/32>
21. **Al-Domi H.**, Jones, R.,M and Bergan, J. (2009) A Newly developed saliva-based ELISA to determine immune response to milk proteins in young diabetic Jordanians: Lack of association for infantile feeding practices. *Jordan Journal of Agricultural Sciences*, 4(4): 380-389.
<https://journals.ju.edu.jo/JJAS/article/viewFile/996/989>

REFEREED BOOKS AND REPORTS

1. Israa A. Mahmud , Hayder Al-Domi (2013). Effects of Exercise and Exendin-4 on Metabolic Disturbances in Mice: Independent or Synergistic Effect? LAMBER Academic Publishing; Germany. ISBN-13: 978-3659349027. <https://www.morebooks.de/store/gb/book/effects-of-exercise-and-exendin-4-on-metabolic-disturbances-in-mice/isbn/978-3-659-34902-7>
2. **Hayder A. Al-Domi** (2012). Aetiopathogenesis of type 1 autoimmune. LAMBER Academic Publishing; Germany. ISBN: 978-3-659-12992-6. <https://www.lap-publishing.com/catalog/details/store/gb/book/978-3-659-12992-6/aetiopathogenesis-of-type-1-autoimmune-diabetes?search=domi>
3. Tamara Mousa, Rima Mashal, Hayder Al-Domi (2011). Eating and body image disturbances among adolescent girls in Jordan. Risk factors of eating and body image disturbances. LAP LAMBERT Academic Publishing; Germany. ISBN: 978-3-8443-1387-1. <https://www.lap-publishing.com/catalog/details/store/gb/book/978-3-8443-1387-1/eating-and-body-image-disturbances-among-adolescent-girls-in-jordan?search=domi>
4. **Al-Domi H.**, Disabilities Caused by Obesity, Diabetes Mellitus, Cardiovascular Diseases and Cancer. In: Nutrition, Mental Health and Disabilities Report. WHO, Regional Office for the Eastern Mediterranean. Invited critical and comprehensive review. In review.
http://applications.emro.who.int/docs/IC_Meet_Rep_2010_EN_14768.pdf?ua=1

CONFERENCE PROCEEDINGS PUBLISHED

1. Nahla Al-Bayyari, **Hayder Al-Domi**, Faheem Zayed. The Effect of Vitamin D Supplementation on Anthropometric Measurements of Overweight Jordanian Women With Polycystic Ovary Syndrome in the North of Jordan. In 7th Conference on Scientific Research in Jordan. The Jordan Society for Scientific Research in Cooperation with Middle East University, Amman, Jordan. 14 November, 2015.
2. Hala-AL-Nawaiseh, **Hayder AL-Domi**. Relationship between Impaired Glucose Tolerance and Selected Risk Factors among Obese Adolescents. In 7th Conference on Scientific Research in Jordan. The Jordan Society for Scientific Research in Cooperation with Middle East University, Amman, Jordan. 14 November, 2015.
3. **Hayder Al-Domi**. The effect of sedentary lifestyle on obesity pandemic among children and adolescents. In: Proceedings of the 6th Scientific Research Conference. The Jordan Society for Scientific Research in cooperation with Al Zaytoonah University of Jordan, Amman, Jordan. 23 November, 2013.
4. Ali K. Alsaed, Rafat Ahmad, **Hayder Al-Domi**, Salma Abd el-qader, Duaa Aleh, Haneen Sakejha and Laila Mustafa. Characterization, concentration and utilization of sweet and acid whey. In: Proceedings of the 11th International Congress on Engineering and Food. Food Process Engineering in a Changing World. Taoukis, P.S., Stoforos, N.G., Karathanos, V.T., and Saravacos, G.D. (Eds). May 22-26, 2011. Athens, Greece. NTUA, School of Chemical Engineering: Cosmosware, Greece. P. 653-654.
5. **Al-Domi H.** Scientific research and epidemiology of diabetes. In: 3rd Conference on Scientific research in Jordan; Scientific research on nutrition and health in Jordan; 11 November, 2007. Ahmad Faqih (Ed). Jordan Society for Scientific Research, Amman, Jordan and Al-Ahlyiah Publishing. P. 43-76, 2009. Invited review.
6. **Al-Domi H.**, Faqih A., and Habeeb S. Balanced diet: A key factor in the face of poverty. In: Proceedings of The Seventh Economic Conference of Small Enterprises: An effective tool to address poverty, The Economics Department in collaboration with Queen Rania Center for Jordanian Studies and Community Service, Yarmouk University, Irbid, Jordan; 29-31 July 2007. p. 16-26.

MANUSCRIPTS IN PREPARATION

1. **Al-Domi, H.**, Faqih, A., Jaradat, Z., Jaradat, S. Polymorphisms of Selected Obesity Candidate Genes among Jordanian Schoolchildren Aged 7-18 Years
2. **Al-Domi, H.** Measuring resting metabolic rate using indirect calorimetry system and body composition among overweight/obese Jordanian students aged 18 years old or more.

3. **Al-Domi, H.**, Faqih, A., Jaradat, Z., Jaradat, S. Sedentary lifestyle and physical activity levels among young Jordanians.
4. Anfal Aldalaeen and **Hayder AL-Domi**. Role of Oxidative Stress and Antioxidant Enzyme Capacity in Obese Children. *Obesity Research and Clinical Practice*. 2015.
5. Reem Al Haj Ahmad and **Hayder AL-Domi**. The Revolution of the Complement 3 as a Possible Pro-Inflammatory Biomarker for Insulin Resistance in Obesity. *Obesity Research and Clinical Practice*. 2015.

MANUSCRIPTS SUBMITTED

1. **Hayder A. Al-Domi** (2015). Knowledge and attitudes of breastfeeding among unmarried Jordanian female students. *Malaysian Journal of Nutrition*. In review.
2. **Hayder Al-Domi**, Rima Mashal, Karam Al-Majdalni (2015). Relationship between Certain Pro-inflammatory Biomarkers and Body Composition in a Group of Overweight Jordanian Students. *Obesity Research*. In review.

CONFERENCE PRESENTATIONS

1. **Al-Domi, H.**, Alzweiri, M., Hamdan, I. and Jaradat, Z. (2014), *In Vitro* Evaluation of Potential Complexation between Bovine Insulin and Bovine Serum Albumin. In 5th International Health Conference. Kuala Lumpur, Malaysia, 26-27 August, 2015.
<http://www.pubhealthcollo.org/pubhealthcollo.asp>
2. **Al-Domi, H.** Regional Obesity and Diabetes rates technical consultation on sugar reduction intake in the Eastern Mediterranean Region, Amman, Jordan, 26 - 27 July 2015.
3. Mahmud, I., **Al-Domi, H.**, and Jaradat, Z. Peripheral Exendin-4 and Exercise Invoke Sustained Anti-obesity Action in Diet-Induced Obese Animal Model (C57BL/6) Mice. In The 4th Graduate Studies Research Conference, Deanship of Academic Research, The University of Jordan, Amman, Jordan; 9-10 October 2012, 2008.
4. Mahmud, I., and **Al-Domi, H.** Reversal of obesity and metabolic disorders by exercise in high-fat diet-induced obese C57BL/6 mice. In the Seventh Scientific Agricultural Conference (SSAC-2012), Irbid, Jordan. 8–10 October 2012.
5. Abu Taleb, R., **Al-Domi, H.**, and Numan, M. Relationship Between Serum Estrogen, Ghrelin and Leptin Levels, and Body Composition in a group of Jordanian Female Students Aged 18-25 Years. In the Seventh Scientific Agricultural Conference (SSAC-2012), Irbid, Jordan. 8–10 October 2012.
6. Al-Bakri, A., and **Al-Domi, H.** Adipose Tissue Remodeling and Its Effect on Insulin Sensitivity in Obese Individuals: A Critical Review. In the Seventh Scientific Agricultural Conference (SSAC-2012), Irbid, Jordan. 8–10 October 2012.

7. **Al-Domi, H.** Disability Caused by Diabetes Mellitus and its Complications among the Elderly: A Dangerous Nexus. . In Updates in Nutritional Management for Diabetics and the Elderly. Amman, Jordan. 23-24 November, 2011.
8. **Al-Domi, H.**, Faqih, A., Jaradat, Z., Jaradat, S. Sedentary lifestyle and physical activity levels among young Jordanians: In 4th International Congress on Prediabetes and the Metabolic Syndrome. Madrid, Spain. 6-9 April, 2011. Journal of Diabetes (April 2011). Vol 3(Supplement 3): 218. (Poster).
9. **Al-Domi H.**, Obesity, diabetes, cardiovascular diseases, and cancer as related to disabilities. 1st Scientific Regional Conference: Nutrition, Disabilities and Mental Health. Arab Amman University and WHO, Regional Office for the Eastern Mediterranean, Amman, Jordan. 12-13 October, 2010; Invited review.
10. **Al-Domi H.**, and Mahmoud, I. Obesity Pandemic in Jordan out of Control: The Nexus between Eating Practices and Physical Activity. 1st Jordan Scientific Conference on Nutrition, University of Petra, Amman, Jordan. 28-29 April; 2010. Invited review.
11. Mousa T., **Al-Domi H.**, and Mash'al, R. Eating Disturbances and Body Image Dissatisfaction in Adolescent Girls. In: 2nd Graduate Studies Research Conference, Deanship of Academic Research, The University of Jordan, Jordan; 27-29 November, 2009.
12. **Al-Domi H.**, Jones, R., and Bergan, J. A Newly developed saliva-based ELISA to determine immune response to milk proteins in young diabetic Jordanians: Lack of association for infantile feeding practices. In: The 1st Graduate Studies Research Conference, Deanship of Academic Research, The University of Jordan, Jordan; 12-14 May, 2008.
13. **Al-Domi H.**, and Habeeb S. Paleolithic Nutrition and Future Scenarios. In: The Sixth Medical Conference of Faculty of Medicine, Jordan University of Science and Technology, The 1st Joint Scientific Conference with New York Institute of Technology – New York, USA; 24-25 April, 2008.
14. **Al-Domi, H.** Diabetes epidemic of the century out of control. Jordan Agriculture Engineer Association Journal. Vol 83: 13-15; 2007. Invited.
15. **Al-Domi H.**, Jones, R., and Bergan, J. Possible diabetogenicity of modified and denatured bovine milk proteins. In: Proceedings of the CSTE Innovation Conference. Sydney, Australia: University of Western Sydney; 7-8 June, 2005. p. 126-127.
16. **Al-Domi H.**, Jones, R., and Bergan, J. Spectrophotometric characteristics of human breast milk, and native and heat processed bovine milk proteins. In: Fourth Conference of Biological Sciences. Biological Sciences and Society: Services and Obstacles. Sadiq M. (Ed). Irbid, Jordan: Yarmouk University. 12-14 October 2004, PP 13.
17. **Al-Domi H.**, Jones, R., and Bergan, J. Autoimmune diabetes versus bovine milk proteins antigenicity: A puzzling link. In: First Annual College of Science, Technology, and Environment Innovation Conference. Sydney, Australia: University of Western Sydney. 9-11 June 2004.

18. **Al-Domi H.**, Jones, R., and Bergan, J. Aetiology of autoimmune diabetes In: Postgraduate Annual Conference. College of Science, Technology, and Environment, University of Western Sydney, NSW, Australia, 7 June 2003. (Won the first prize in the Conference Competition).
19. **Al-Domi H.** (1998). Peptic ulcer and dietary interventions. Journal of Food, and Health. 22: 1-2, Editorial.

PHD AND MSC THESIS, AND BSC ROJECT

1. **Hayder A. Al-Domi** (2006). Studies on the aetiopathogenesis of type 1 autoimmune diabetes, School of Natural Sciences, College of Health and Science, University of Western Sydney, NSW, Australia. Record No. 189457. Available from <http://handle.uws.edu.au:8081/1959.7/28933>; Australian Digital Theses Program.
2. **Hayder A. Al-Domi** (2002). Development of ELISA method for determination of IgG levels produced against dietary proteins for studying type 1 (insulin-dependent) diabetes mellitus among newly diagnosed children in Australia. School of Food, Science and Horticulture, College of Science, Technology and Environment, University of Western Sydney, NSW, Australia.
3. **Hayder A. Al-Domi** (1986). Dental caries: Prevalence among pre-school aged children, and the effect of mothers' education on their eating practices: A field study. Department of Nutrition , Faculty of Public Health and Allied Health Sciences, Yarmouk University, Irbid, Jordan.

<h4>EDITORIAL BOARDS</h4>

1. **EDITOR-IN-CHIEF**, Comprehensive Food Sciences and Technology Research (CIFSTR), Knowledgebase Publishers. August 2012-present. <http://knowledgebasepublishers.org/>
2. **EDITORIAL BOARD REGIONAL EDITOR**,. Asian Journal of Medical Sciences, Maxwell Scientific Organization. December 2008-Present. <http://maxwellsci.com/jp/j2p.php?jid=AJMS>.
3. **EDITORIAL BOARD MEMBER**, Journal of Clinical Nutrition & Dietetics. Medical Publishing, December, 2015-Present.
4. **REVIEWER**. Journal of Nutrition and Dietetics. Dietitians Association of Australia (DAA). January 2007-Present.
5. **REVIEWER**. Diabetologia. European Association for the Study of Diabetes. 2007-Present.
6. **REVIEWER**. Jordan Journal of Biological Sciences, Hashemite University, Jordan. November, 2015-Present.
7. **REVIEWER**. International Journal of Nursing Practice; Wiley Online Library. August, 2013-Present.

CONSULTATIONS

1. **MEMBER, WHO Nutrition Guidance Expert Advisory Group (NUGAG) Subgroup On Diet And Health.** Nutrition for Health And Development (NHD), WHO, Geneva, Switzerland. 7 -12 July, 2015. Fukuoka, Japan http://www.who.int/nutrition/events/2015_8th_NUGAG_meeting_9to12June_Japan/en/.
2. **TEMPORARY ADVISER, WHO-EMRO.** Regional Consultation on Childhood Obesity Prevention and Control in the EMR. EMR, Cairo, Egypt, 2 - 3 July 2015.
3. **TEMPORARY ADVISER, WHO-EMRO.** Technical Consultation on Sugar Reduction Intake in the Eastern Mediterranean Region, Amman, Jordan, 26 - 27 July 2015.

SELECTED SEMINARS, FORUMS AND WORKSHOPS
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1. Seminar on Measuring Resting Metabolic Rate (RMR) Using Indirect Calorimetry System among Overweight/Obese Students of the University of Jordan. First Scientific Day, Hamdi Mango Center for Scientific Research. 24 May, 2011.
2. Invited Panelist. Right to Food Forum held at the Food and Agriculture Organization (FAO) Headquarters in Rome, Italy, 1 to 3 October 2008.
3. Invited Panelist. 6th MENA^{inc} Workshop: Entrepreneurship Development and Promotion in MENA Countries through Cooperation between Business Incubators, Damascus, Syria. June 3-5, 2008.
4. World Food Day, National Workshop on: Right to Food. FAO, Amman, Jordan, 25 October 2007.
5. Workshop on Protein conformational diseases and therapeutics. Institute for Biomolecular Science, University of Wollongong, Sydney, Australia, November 2002.

TRAINER

1. Al-Domi, H. Training course on New trends in Applied Nutrition (Enteral and Parenteral Nutrition, Autoimmune Diabetes Mellitus, Obesity and Physical Activity) for fresh graduates of Human Nutrition, Agriculture Engineer Association, Irbid, Jordan. 22-24 June, 2008.
2. Al-Domi, H. Training course on Applied Nutrition in Hospitals (Diabetes Mellitus, Cancer, AIDS and Critically Ill Children) for Staff members of the dietary department, Jordan University Hospital, Amman, Jordan 18-19 June, 2008.

CONFERENCES' SCIENTIFIC AND ORGANIZING COMMITTEES
--

1. Member of the Organizing Committee of the, 8th International Conference on Clinical Nutrition: Empowering health and wellbeing. November 24-26, 2016, Dubai, UAE.
2. Member of the Organizing Committee of the. 7th Conference on Scientific Research in. Jordan. The Jordan Society for Scientific Research in cooperation with Middle East University, Amman, Jordan. 14 October, 2015.
3. Session Chairperson; Obesity: Prevention and Treatment. 7th Conference on Scientific Research in. Jordan. The Jordan Society for Scientific Research in cooperation with Middle East University, Amman, Jordan. 14 October, 2015.
4. Session Chairperson, the International Society of Paediatric Oncology Asia; SIOP ASIA-PODC Nutrition workshop. King Hussein Cancer Center, Amman, Jordan. April 24, 2015.
5. Member of the Organizing and Scientific Committees Updates in Nutritional Management for Diabetics and the Elderly. Amman, Jordan. 23-24 November, 2011.
6. Member of the Organizing Committee. Forth Arabic Nutrition Conference, The University of Jordan, Amman, Jordan; 5-7 April, 2011.
7. Chairperson of the Financial Committee. Forth Arabic Nutrition Conference, The University of Jordan, Amman, Jordan; 5-7 April, 2011.
8. Member of the Administration Committee 6th Jordan Agriculture Scientific Conference, The University of Jordan, Amman, Jordan; 9-12 April, 2007.
9. Member of the Scientific Committee 6th Jordan Agriculture Scientific Conference, The University of Jordan, Amman, Jordan; 9-12 April, 2007.
10. Member of the scientific committee of the conference of Obesity, the Century Disease. Riyadh, Saudi Arabia, 12 October 1994.
11. Member of the scientific committee .International Symposium on Diabetes: Prevention and Management. Al-Baha, Saudi Arabia, 19-21 September 1994. Preparatory Committee.

AWARDS AND DISTINCTIONS

1. Conference Scholarship The University of Jordan, Jordan, 2015.
2. Recognition Award for the Golden Jubilee of the University of Jordan 2013.
3. Distinguished Researcher Award, The University of Jordan, Jordan, 2012. (263, 3/4/2012).
4. Publication Award, Faculty of Graduate Studies, the University of Jordan. 1st Semester 2014/2015, 1st Semester 2010/2011, 2nd Semester 2009/2010, and 1st Semester 2009/2010.
5. Conference Scholarship Award, Office of Research Services, UWS, NSW, Australia, 2004.

6. Research Encouragement Award, College of Science, Technology and Environment Postgraduate Conference 2003, University of Western Sydney, NSW, Australia.
7. Work Excellence Award of His Royal Highness the Prince of Al-Baha region, Saudi Arabia. Outstanding efforts for the betterment of the public health sector services, 1417H (1996/1997).
8. Work Excellence Award of His Excellency the Director General of Al-Baha Health Affairs general Directorate, Saudi Arabia. Distinguished participation in improving the therapeutic dietary services, 1417 H (1996/1997).
9. Royal "Al-Makromah Al-Malakyiah" Award of His Majesty The Late King Hussein Bin Talal, 1982-1986.
10. Faculty Honors List. Placed three times on the Honors List of the Faculty of Public Health and Allied Health Sciences, Yarmouk University, Irbid, Jordan. First semester (1983/1984), Second Semester (1983/1984) and First Semester 1985.1986.
11. Graduated the Second among 30 graduates of the Department of Nutrition, Faculty of Public Health and Allied Health Sciences, Yarmouk University, Irbid, Jordan, 1986.

SELECTED COMMUNITY SERVICE AND PUBLIC LECTURES

1. **Al-Domi, H.** Longevity, Lifestyle Diseases and Functional Foods: A Complex Nexus. 4th Scientific Day: King Hussein Cancer Centre, 30 November, 2012. Invited lecturer.
2. **Al-Domi H.,** Obesity Pandemic: The Nexus between Eating Practices and Physical Activity. Scientific Day on the causes and treatment of obesity. Jordan Agriculture Engineers Association, Amman, Jordan. 8 January, 2011. Invited.
3. **Al-Domi, H.** Medical Nutrition intervention of cancer, 3rd Scientific Day: King Hussein Cancer Centre, 21 October, 2010. Invited lecturer.
4. **Al-Domi, H.** Medical Nutrition intervention of obesity, 2nd Scientific Day: King Hussein Cancer Center, 21 October, 2009. Invited lecturer.
5. **Al-Domi, H.** Diabetes epidemic of the century out of control. Jordan Agriculture Engineer Association Journal. vol 83: 13-15; 2007. Invited.
6. **Al-Domi, H.** Bovine milk and contemporary diseases. Jordan Agriculture Engineer Association Workshop on supporting the national agricultural product. Amman, Jordan. 28 July, 2007. Invited.
7. **Al-Domi, H.** Type 1 autoimmune diabetes: Controversy and future perspectives. Agriculture Faculty summer seminars program, Department of Nutrition and Food Technology, Jordan University of Science and Technology, Jordan, 21 November 2005. Invited lecturer
8. **Al-Domi, H.** Food habits and religion. School of Science, Food and Horticulture, University of Western Sydney, Australia, 17 May 2002. invited lecturer.

9. **Al-Domi, H.** Diabetes mellitus: Diet therapy based on the balanced concept. The Saudi Society of Family and Community Medicine (SSFCM), Al-Baha branch, Saudi Arabia, 27 August 1998.

SELECTED MASS MEDIA PRESENTATIONS

1. Radio of The University of Jordan, A number of live talks on various health issues.
2. Amman Radio; Live talk show; Health for All 15 September, 2011. Dr. Mohammed Eshreem.
3. **Al-Domi, H.** Eating habits in Ramadan (2010). Al Jazeera Mubasher Channel. Mubasher Ma'. Live interview, Interviewer: Heba Al Ghamrawi, 13 August, 2010.
<http://www.youtube.com/user/aljazeeramubasher#p/u/29/K2bhr3WHfo0>.
4. A number of articles published in local newspapers.
5. A number of live Radio talk show.

PROFESSIONAL SKILLS

- Advanced skills in measuring resting metabolic rate by using indirect calorimeter system.
- Expert in methods for basic nutritional status assessment including anthropometric measurement as well as clinical assessment.
- Naturopathic approach to the understanding of nutrition and food and prescription of hospital and home-care nutritional plans.
- Vast knowledge and expertise in individual-centered and community nutrition counseling and education; including developing community nutritional programs.
- Expertise in independent identification of both individual and community nutritional problems. Qualitative and quantitative data collection and analysis.
- Extensive knowledge in protein conjugation to carrier molecules to increase immunogenicity for immune response studies.
- Developed a wide range of serum and saliva-based enzyme linked immunosorbent assays (ELISA).
- Developed a spectrophotometric assay for the identification of native, modified and heat processed proteins.
- Expertise in the use of Reversed-Phase High-Performance Liquid Chromatography (RV-HPLC) for proteins and antigens purification and identification.

- Knowledge of managing and operating pilot scale food processing plants. Training on milk pasteurization and homogenization, ice-cream and cheddar cheese pilot scale manufacturing.
- Managerial, communication, organizational and coordination skills. I have coordinated two undergraduate units (Human Physiology and Nutrition and Community Health) at University of Western Sydney for more than four years. Also, I have established and managed dietary departments at various hospitals and have supervised private sector catering contractors for approximately ten years.

PROFESSIONAL DEVELOPMENT

- Training Course “Design and Evaluation of Innovation Policy in Developing Countries” United Nations University- Maastricht Economic and social Research and training Center on Innovation and Technology (UNU-MERIT), Jordan Innovation Center Network, Royal Scientific Society, Amman, Jordan. June 10-12, 2008.
- Multiple Choice Question Workshop, Center for Educational Development, The University of Jordan, Jordan, 5 February, 2008
- Measurement Methods and Theory Workshop, Center for Educational Development, The University of Jordan, Jordan, 3-4 February, 2008.
- Planning for University Teaching Workshop, Center for Educational Development, The University of Jordan, Jordan, 29 January, 2008
- PhD Supervision Workshop, Research Management Program, Massey University, New Zealand, 19-20 April 2006.
- Postgraduate Workshop. ‘All you need to know about publishing for science students’. University of Western Sydney, Australia, June 2005.
- College of Science, Technology and Environment (CSTE) Tutors and Demonstrators Development Program, University of Western Sydney, Australia, Autumn Session, 2004.
- Occupational Health and Safety (OHS), University of Western Sydney, Australia, June 2002.
- Hazard Analysis and Critical Control Points (HACCP) Workshop, University of Western Sydney, Australia, July-August 2001.

PROFESSIONAL SKILLS

- Full professional proficiency in both written and spoken Arabic and English.
- E-Learning. Web Course Tools (WebCT) Workshop. Professional Development Unit. University of Western Sydney, Australia. 2 June 2005 to 25 September 2005.
- Postgraduate Workshop. ‘All you need to know about publishing for science students’. University of Western Sydney, Australia, June 2005.

- Statistical Package for Social Sciences (SPSS) training course, Funded by University of Western Sydney, Australia. November-December 2005.
- Endnote; Personal Reference Database Program Workshop, University of western Sydney, Australia, May 2003.
- Proficient in Microsoft Office; Microsoft Word, Power point, Excel. Advanced professional training course, University of western Sydney, Australia, July 2003 and August 2004.

PROFESSIONAL AFFILIATIONS AND MEMBERSHIPS

- Expert Member, WHO Nutrition Guidance Expert Advisory Group (NUGAG) Subgroup on Diet and Health. May, 2015-present.
- Member, International Society for Pediatric and Adolescent Diabetes (ISPAD). April, 2012-present.
- Member, Jordanian Society for Sensory Evaluation. Jordan, April 2011-present.
- Member; Mediterranean Education Initiative for Environment and Sustainability (MEDIES). November, 2009-present.
- Member, Jordan Scientific Research Society, Amman, Jordan. 2007-Present.
- Member, The Nutrition Society of New Zealand, 2006-present.
- Professional Member, The Royal Society of New Zealand (RSNZ), 2006-Present.
- Associate Member, Dietitians Association of Australia (DAA), 2003-present.
- Member, International Diabetes Federation (IDF), (M-03355), Brussels, Belgium, 2003-2006.
- Member, the Arab Group for the study of Diabetes (AGSD), Egypt, 1995-2001.
- Member, Egyptian Union of Diabetes association, 1995-1996.

REFERENCES

Available upon request