

HAYDER A. A. AL-DOMI, PHD

PROFESSOR OF DIETETICS



The University of Jordan
School of Agriculture
Department of Nutrition and Food Technology
Amman 11942, Jordan

Cell: ++962-777773204
Office Phone: ++962-6-5355000 Extension 22419
Fax: ++962-6-5300806

Home Page: <http://www.ju.edu.jo/sites/academic/h.aldomi/default.aspx>
Email: haldomi@yahoo.com

PROFILE

Hayder Al-Domi is a Professor of Dietetics at the University of Jordan. Prof. Hayder graduated in Public Health Nutrition from Yarmouk University, Jordan and completed a Master's degree in Applied Nutrition from the University of Western Sydney. I obtained my PhD in Dietetics from the University of Western Sydney. Prof. Hayder is a registered Associate Member of the Dietitians Association of Australia (DAA). The research interests of Prof. Hayder focus on the effect of novel dietary Phytosomes supplements in relation to issues of contemporary nutrition health, the inflammatory biomarkers of obesity and the aetiopathogenesis of type 1 autoimmune diabetes. I am the Director and founder of Jordan Obesity and Metabolomics Research Study Group. I authored over 35 peer-reviewed publications, participated in over 20 local and international conferences and supervised more than 15 graduate students. I am a Member of the WHO-NUGAG subgroup on Diet and Health, and a Temporary Adviser and member of the WHO EMRO Nutrition Network.

Have thirty years of experience of local and international experience in tertiary education and administration and leadership. I believe that I am 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. 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.

Have demonstrated senior level in a scientific environment and have a reputation for achieving results. Won Distinguished Researcher Award, recipient of service commendation letters and listed on the University Honors List. He obtained his Ph.D. in Nutrition and Dietetics, and Masters in Applied Nutrition from University of Western Sydney, and BSc in Public Health Nutrition from the Yarmouk University. He carried out work at Massey University.

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*"
Supervisors: Dr. Mark R. Jones and Jim Bergan
- 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.
. Supervisor: Dr. Mark R. Jones and Jim Bergan.
- 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.
Supervisor: Dr. Jim Bergan.
- 2001 DIPLOMA-ENGLISH FOR ACADEMIC PURPOSES**
Sydney West International College, Sydney, Australia. July 23, 2001 to August, 2001.
- 2000 DIPLOMA-PRE-SESSIONAL ENGLISH LANGUAGE PROGRAM**
University of Surrey Roehampton, London, UK. August 14, 2000 to September, 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 (2/30).
- 1982 TAWJIHI "GENERAL SECONDARY EXAMINATION"-SCIENTIFIC TRACK**
Irbid Secondary High School, Irbid, Jordan.

SUMMARY OF ACADEMIC AND ADMINISTRATIVE EXPERIENCE

SUMMARY OF ACADEMIC EXPERIENCE		
PROFESSOR OF DIETETICS The University of Jordan, Jordan.	05/12/2016	Present
MEMBER, WHO NUTRITION GUIDANCE EXPERT ADVISORY GROUP (NUGAG). WHO.	07/06/2015	Present
TEMPORARY ADVISER, AND MEMBER OF NUTRITION NETWORK, WHO / EMRO.	01/07/2015	01/12/2017
ASSOCIATE PROFESSOR OF NUTRITION AND DIETETICS The University of Jordan, Jordan.	02/04/2012	05/12/2016
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-PART-TIME University of Western Sydney, Australia.	07/07/2004	23/04/2006
SUMMARY OF SELECTED ACADEMIC ACTIVITIES		
Peer reviewed articles	44	
Manuscripts in-review	6	
Local, regional, international conferences, proceedings, workshops, presentations, and invited speaker	31	
Books and reports	4	
Conference organizing committees	11	
Community services and public lectures	9	
Dissertation examiner	26	
Master and PhD principal supervisor	40	
ADMINISTRATIVE EXPERIENCE		
DIRECTOR OF HUMAN RESOURCES The University of Jordan, Jordan.	01/11/2014	20/01/2016
VICE DIRECTOR FOR ADMINISTRATIVE AFFAIRS Jordan University Hospital, Jordan.	22/12/2013	31/10/2014
MEMBER, BOARD OF DIRECTORS, Jordan Food and Drug Administration, Jordan.	10/08/2010	18/08/2012
SUPERVISOR, FOOD AND NUTRITION SERVICES DEPARTMENT, THE UNIVERSITY OF JORDAN, JORDAN.	05/01/2014	05/12/2016
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
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

SUMMARY OF AREAS OF RESEARCH INTEREST

- Diet and Health.
- Aetiopathogenetics of Type 1 Autoimmune Diabetes.
- Anti-obesity, anti-diabetes and anti-inflammatory effect of novel dietary Phytosome supplements.

Diabesity-induced Inflammatory Biomarkers.

PRINCIPAL CURRENT RESEARCH ACTIVITIES

- Effect of Hydration on Inflammatory Biomarkers, and Glycemic and Lipemic Profiles.
- Association between complement component C3 and body composition as a possible obesity inflammatory biomarker for insulin resistance.
- Markers of subclinical atherosclerosis in obese schoolchildren with metabolic syndrome.
- Risk factors associated with diabesity among Schoolchildren.
- Effect of high-fat-diets on iron homeostasis and tissue Iron deposition in animal model.
- Effect of Vitamin D insufficiency on the serum levels of Complement 3 independent of IRS and BMI.
- Examining the effect of novel dietary Phytosome supplements on obesity, diabetes and - inflammatory state induced by high fat diets.
- 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 diabesity among children and adolescents.
- The effect of vitamin D supplementation on chromium serum levels and insulin resistance among overweight Jordanian women with polycystic ovary syndrome.
- Role of omega-3 fatty acids supplementation as a therapeutic treatment of the immune-metabolic consequence of intermittent hypoxia in obstructive sleep apnea.

CURRENT AND PROSPECTIVE RESEARCH ACTIVITIES

My long-term aim of research is to provide or promote strategies that achieve primal, primary and secondary prevention of obesity and its metabolic complications. It is now well established that adipose tissue plays a major role in energy storage due to its ability to expand through hypertrophy and hyperplasia. It also acts as an endocrine organ by expressing and secreting a variety of bioactive adipokines. Defect in the secretory function of adipose tissue has been implicated in several metabolic consequences such as insulin resistance and dyslipidemia. This defect is caused by the imbalance between anti-inflammatory and pro-inflammatory cytokines caused by either excess of the adipose tissue in individuals with obesity or adipose tissue deficiency in individuals with lipodystrophy. During the course of expansion, adipose tissue undergoes significant functional and morphological changes remodeling. This leads to hypoxia, fibrosis and adipocyte death, which recruits a high number of macrophages into adipose tissue. Newly infiltrated macrophages perform a paracrine loop with the adipocytes leading to a chronic state of inflammation in the adipose tissue.

This local chronic inflammation of adipose tissue leads to systemic inflammation, which has been implicated in several metabolic consequences of obesity. Therefore, important information/evidence is urgently needed regarding if and how a healthy diet strategy, under the guidelines that doctors and registered dietitian nutritionists could follow, would be beneficial to obese individuals. Unfortunately, although individuals are suggested to modulate their BMI to a value within the normal range by engaging in lifestyle changes, no evidence-based strategy regarding the optimal duration of the intervention is currently available. Furthermore, given that in utero and in early life exposure to over-nutrition can disrupt normal growth and development and thus increase the risk of offspring obesity, it is pivotal to find out if and how different maternal diet intervention before pregnancy would prevent the downstream offspring.

I am also interested in the manifestation of type 1 autoimmune diabetes and determination of the presence of specific diabetes-associated autoantibodies in the peripheral circulation, which marks beta-cell for destruction by autoreactive T. Besides genetic determinants of immune-mediated type 1 diabetes, the initiation of beta-cell autoimmunity is marked by seroconversion for islet autoantibodies directed against five autoantigens. My focus has been focused on understanding the autoimmune response to bovine protein possible diabetogens mainly bovine serum albumin and bovine insulin, and the potential complexation between the two proteins.

MAIN RESEARCH COLLABORATORS

- Prof. Moh'd Al-Zweri. Associate Professor of Pharmacology, Department of Pharmaceutical Sciences, School of Pharmacy, The University of Jordan, Jordan, Jordan.
- Professor, Mamoun Ahram, Professor of Biochemistry and Molecular Biology, Department of Physiology and Biochemistry, School of Medicine, The University of Jordan, Jordan.
- Dr. Nidaa Ababneh, Assistant Professor, , Cell Therapy Center, The University of Jordan, Jordan.
- Prof. Abla Bsoul, Professor of Clinical Pharmacy, Department of Biopharmaceutics and Clinical Pharmacy, School of Pharmacy, The University of Jordan, Jordan.
- Dr Malik Haddadin, Associate Professor of Food Biotechnology, Department of Nutrition and Food Technology, School of Agriculture, The University of Jordan, Jordan.
- Dr Rima Mashal, Associate Professor of Experimental Nutrition, Department of Nutrition and Food Technology, School of Agriculture, The University of Jordan, Jordan.
- Dr. Imad Hamdan. Professor of Pharmacology, Department of Pharmaceutical Sciences, School of Pharmacy, The University of Jordan, Jordan, Jordan
- Prof. Ashraf Faheem. Professor of Obstetrics and Gynecology, Department of Obstetrics and Gynecology, Jordan University of Science and Technology, Jordan, Jordan.
- Dr. Amal Al-Akour, Associate Professor of Pharmacotherapy, Department of Biopharmaceutics and Clinical Pharmacy, Faculty of Pharmacy, The University of Jordan, Jordan.

TEACHING PHILOSOPHY

"The aim of teaching is simple: it is to make student learning possible...To teach is to make an assumption about what and how the student learns; therefore, to teach well implies learning about students' learning" (Ramsden, 1992). In my teaching I use various pedagogical approaches, including constructivism, inquiry-based, problem-based, reflective, collaborative, brain-storming, and integrative. 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 his students and know they truly understand a concept. As a graduate student 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.

To do just that, I believe that the supporting science curriculum must be culturally based and in harmony with the contemporary ethos and practice of science. Problem-based learning (PBL) has attracted my interest. I have used my subject-matter expertise more to direct the discussion in the tutorial group, which was not a stable characteristic but is partly situation specific. I am focused on both know how to deal with the subject matter expertise and know how to facilitate the learning process. I put substantial efforts into designing curricula and cases and developing my skills by faculty development strategies that stimulate reflection.

In short, my philosophy is to foster an environment that promotes: enthusiasm, life-long learning, connection to the real world, organized study, student and teacher accountability, and confidence building. Knowing through experience the profound impact that one good teacher can have toward a student's overall development, I will strive to incorporate my teaching beliefs, principles and interest, into day-to-day routines and my overall teaching plan.

**02/04/2012-
PRESENT** **PROFESSOR, DIETETICS**

**02/04/2012-
04/12/2016** **ASSOCIATE PROFESSOR, DIETETICS**

**10/09/2006-
01/04/2012** **ASSISTANT PROFESSOR, 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)
- Contemporary 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 (Netherland) and the University of Jordan. Gotwich Estate. London, 20-24/5/ 2010.

SCHOOL 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 School Council; 2012/2013, and 2018/2019
- Member, Steering Committee for the Development of the School of Agricultural Research Station, 2013/2014.

DEPARTMENT OF NUTRITION AND FOOD TECHNOLOGY

School 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 Development 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; 2007/2008-2012/2019.

- Member of the Committee for Establishing Research Groups 2009/2010.
- Member of the Committee of Instruments and Materials. 2006/2007.

GRANTS FUNDED

PRINCIPAL INVESTIGATOR

- Associations among Trans-Fatty Acids Serum Levels, Brain Insulin Resistance, Cognitive Function, and Adiposity in a Selected Sample of Middle-Aged Jordanians. In-Process.
- the effect of dietary obesity reversibility on hippocampus function, cytoskeletal proteins, synaptic plasticity and their contribution to subsequent Alzheimer disease in C57Bl/6 mice. Accepted for Funding, Nov., 2020.
- Jordan Task Force for Combating Malnutrition among the Youth (JTFCMY). A concept of Note submitted to the Royal Health Awareness Society. A collaborative proposal. Hayder Al-Domi, Alaa Al-Shorman, Hala AL-Nawaiseh. February, 2020. Submitted.
- Effect of Hydration on Satiety and Appetite Regulatory Mechanisms and certain obesity-induced Pro-inflammatory Adipocytokines among Obese Jordanians. Deanship of Scientific Research, The University of Jordan, Jordan. Requested fund: JOD 20,000; grant: 144/2018-2019 jNovember, 2019_ ongoing.
- Effect of Hydration on Inflammatory Biomarkers, and Glycemic and Lipemic Profiles among a Group of Obese Young Jordanian Adults in Northern Jordan. Deanship of Scientific Research, The University of Jordan, Jordan. JOD 3,000; April, 2018-ongoing.
- Effect of Dietary Phytosomes Supplement on Glucagon Serum Levels in High-Fat Diet-Fed / Streptozotocin-Treated Induced Type 2 Diabetic Sprague-Dawley Rats. Deanship of Scientific Research, The University of Jordan, Jordan. JOD 3,000; April, 2016. Closed June, 2017.
- Effect of Iron Supplementation on Serum Levels of Hcpidin, Leptin and Interleukin-6 Adipokines, and Liver and Adipose Tissue Iron Content and Histopathological Changes in Sprague-Dawley Rats Fed High-Fat-Diets. Deanship of Scientific Research, The University of Jordan, Jordan. JOD 3,000; April, 2016. Closed June, 2017.
- 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-Closed December, 2017.
- 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.
- 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.

PHD AND MASTER CANDIDATES

..	<ul style="list-style-type: none"> Supervised more than 40 graduate students Currently have five Master and one PhD student. Examined more than 30 MSc thesis and two PhD dissertations
07/07/2004-23/04/2006	LECTURER; PART-TIME
	School of Natural Sciences, College of Health Science, University of Western Sydney, Sydney, NSW, Australia.
	MAIN AREAS OF RESPONSIBILITIES
	<ul style="list-style-type: none"> 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.
	<ul style="list-style-type: none"> 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.
	<ul style="list-style-type: none"> Demonstrator: Supervised laboratory session in undergraduate Biology, Chemistry and Advanced Molecular Biology. Involved in the supervision was the preparation, administration and grading of examinations.
	<ul style="list-style-type: none"> 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
	<ul style="list-style-type: none"> Taught human physiology, introduction to nutrition and introduction to research methods. 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

1/11/2014-20/01/2015 **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.

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

The University of Jordan, Amman, Jordan.

22/8/2012- 22/12/2013

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.

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

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

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

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

PUBLICATIONS

MANUSCRIPTS IN-PREPARATION

1. Hayder Al-Domi, Anfal AL-Dalaeen, Sara AL-Rosan, and Noor Batarseh. The Effect of Quarantine Due to COVID-19 on lifestyle among Jordanian Population: An online survey. In preparation.
2. Anfal AL-Dalaeen a, Hayder AL-Domi. What Does COVID-19 Do to Human's Brain? In preparation.

MANUSCRIPTS SUBMITTED

1. Anfal M. AL-Dalaeena and Hayder A. AL-Domi (2020). Does Overnutrition Put Your Brain at Risk? Clinical Nutrition ESPEN. Submitted.
2. Hala AL-Nawaiseh, **Hayder A. AL-Domi**. Fasting plasma glucose and the risk of impaired glucose tolerance by oral glucose tolerance test in Obese Young Adults. Journal of Nutrition and Diabetes Research. Submitted, Nov., 2019.
3. Ladana Jarir Dirini, **Hayder A. Al-Domi**, Malik Hadadin. The Effect of Antioxidants in Medjool Variety of Date Fruits (*Phoenix Dactylifera* L.) at The Tamr Stage on Oxidative Stress in Sprague-Dawley Rats Fed a High Fat Diet. AJFAND. Submitted, Sept, 2019.
4. Fatimah Al Shuraian; Al-Domi, Hayder. "Association between Hydration Status, Leptin Levels, and Hyperglycemic Hyperosmolar State in obesity: A Critical Review" Nutrition Reviews; NUTR-REV-307-ES-12-2019.
5. Dania Ibrahim; Al-Domi, Hayder. Effect of Hydration Status and Obesity in Developing a Hyperglycemic State; Role of Interleukin-6 and Copeptin. Obesity Medicine. 2020
6. Zain Jaber, Hayder Al-Domi. Effect of Hydration Status on the Etiopathogenesis of Prediabetes using Fetuin-A: A Possible Biomarker for Prediabetes" Endocrinology, Diabetes & Metabolism.

REFERRED PUBLICATION

1. **Al-Domi H**, AL-Dalaeen A, AL-Rosan S, Batarseh N, Nawaiseh H. (2021). Healthy Nutritional Behavior during COVID-19 Lockdown: A Cross-Sectional Study, Clinical Nutrition ESPEN; 42:132-137. <https://doi.org/10.1016/j.clnesp.2021.02.003>.
2. Nahla Al-Bayyari, **Hayder Al-Domi**, Faheem Zayed, Ra'ed Hailat, Arianna Eaton (2020). Androgens and hirsutism score of overweight women with polycystic ovary syndrome improved after vitamin D treatment: A randomized placebo controlled clinical trial. Clinical Nutrition; 40:870-878. DOI:<https://doi.org/10.1016/j.clnu.2020.09.024>
3. Alaa Al-Shorman, Buthaina AlKhatib, Baha'a Abusalma, **Hayder Al-Domi**. (2020). The association between fat mass and subclinical atherosclerosis in healthy schoolchildren. Clinical Nutrition ESPEN; 37:87-92. doi.org/10.1016/j.clnesp.2020.03.014.

4. Anfal AL-Dalaeen, Mamoun Ahram, **Hayder AL-Domi**. (2020). Effects of obesity on hippocampus function: Synaptic plasticity hypothesis. *Obesity Medicine*; 19, 100246. doi.org/10.1016/j.obmed.2020.100246
5. **Hayder A. Al-Domi**, Ahmad Faqih, Ziad Jaradat, Anfal AL-Dalaeen, Saied Jaradat, Batool Amarneh. (2019). Physical activity, sedentary behaviors and dietary patterns as risk factors of obesity among Jordanian schoolchildren. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews*; 13: 189e194.
6. **Hayder Al-Domi**, Alaa Al-Shorman. Increased Waist Circumference Is Associated with Subclinical Atherosclerosis in Schoolchildren (2019). *Diabetes & Metabolic Syndrome: Clinical Research & Reviews* 13: 264e269
7. Al-Dalaeen AM, **AL-Domi HA**. (2018). Advanced Glycation End Products: Mechanisms in the Pathogenesis of Type 2 Diabetes and its Complications. *J Res Diabetes Metab*; 4(1): 016-020.
8. Al Haj Ahmad RM, **Al-Domi HA**. (2018). Thinking about brain insulin resistance. *Diabetes Metab Syndr*. 12(6):1091-1094. doi: 10.1016/j.dsx.2018.05.003. Epub 2018 May 6.
9. Bandar Hamadneh, **Hayder AL-Domi**, Malik Haddadin. (2018). Novel Bitter Melon (*Momordica Charantia* L.) And Olive Leaves (*Olea Europaea* L.) Phytosomes: Preparation and Its Evaluation for Anti-Hyperglycemic Activities by Oral Glucose Tolerance Test (OGTT). *International Journal of Applied and Natural Sciences*, 7(3): 31-40.
10. Nahla Subhi Al-Bayyari, **Hayder Al-Domi**, Faheem Zayed and Rae'd Hailat. (2018). Efficacy of High Dose Vitamin D3 Supplementation in Improving Serum 25(OH)D Levels of Overweight Women with Polycystic Ovary Syndrome: Randomized Placebo-Controlled Clinical Trial". *Acta Scientific Nutritional Health* 2.10 (2018): 22-27.
11. A.K. **Alsaed**, A.S. Carretero, K. Al-Ismael, **H. Al-Domi**, K. Alabsi, T. Rababa, R. Ajo, R. Daghmush, H. Bakhouché, J. Lozano-Sánchez. (2017). Chemical composition of Nabali Jordanian olive oil. *La Rivista Italiana Delle Sostanze Grasse*; VOL. XCIV 109-115
12. **Hayder A. Al-Domi**, Alaa Shorman. Validation of Resting Metabolic Rate Equations in Obese and Non-Obese Young. *Clin Nutr ESPEN*. 2018; 26:91-96. doi: 10.1016/j.clnesp.2018.04.008. Epub 2018 May 8.
13. Alaa Al-Shorman, **Hayder Al-Domi** and Muatasem Al-Atoum. (2018). The associations of body composition and anthropometric measures with carotid intima-media thickness in obese and non-obese schoolchildren: A possible predictor for cardiovascular diseases. *Vascular*; 26(3):285-290. doi: 10.1177/1708538117735457. Epub 2017 Sep 29.
14. **Hayder A Al-Domi**, Reem M Al Haj Ahmad. (2017). Association between complement component C3 and body composition: a possible obesity inflammatory biomarker for insulin resistance. *Asia Pacific Journal of Clinical Nutrition*, 26(6): 1082-1087. doi: 10.6133/apjcn.012017.02.
15. Alaa Shorman, **Hayder A. Al-Domi**, Ahmad Faqih. (2017). Markers of Subclinical Atherosclerosis in Schoolchildren with Obesity and Methabolic Syndrome. *Swiss Medical Weekly*. 147: w14446.

16. Reem M. Al Haj Ahmad and **Hayder A. Al-Domi**. (2017). Vitamin D Insufficiency Predicts Elevated Levels of Complement 3 Independent of Insulin Resistance and BMI. *Journal of Nutritional Science and Vitaminology*, 63, 155-160.
17. Alkhatib B, **Al-Domi H**, Irmaileh BA. (2017). Effect of High-Fat-Diets on Iron Homeostasis and Tissue Iron Deposition in Female Sprague-Dawley Rats. *J Res Diabetes Metab*; 3(1): 024-028.
18. Buthaina Alkhatib, **Hayder Al-Domi**, Maha Shomaf and Basha'er Abu Irmaileh Iron. (2017). Iron Overload Effect on Serum Levels of Glucose, Insulin and HOMA-IR was Influenced by the Type of Fat in Female Sprague-Dawley Rats Fed High-Fat-Diets. *Journal of Clinical Nutrition & Dietetics*, 3 (23):1-9.
19. R.M. Al Haj Ahmad, **H.A. Al-Domi**, Complement 3 serum levels as a pro-inflammatory biomarker for insulin resistance in obesity. (2017). *Diab Met Syndr: Clin Res Rev*; 11S: S229-S232. <http://dx.doi.org/10.1016/j.dsx.2016.12.036>.
20. Anfal M. Al- Dalaeen, **Hayder A. Al-Domi**. (2017). Factors Associated with Obesity among School Children in Amman, Jordan. *Malaysian Journal of Nutrition*, 23(2): 2011-2018.
21. Karam S. Majdalani, **Hayder A. Al-Domi**, Rima H. Mashal (2016), The Association between Certain Proinflammatory Biomarkers and Body Composition in a Group of Overweight Students at the University of Jordan. *Jordan Journal of Agricultural Sciences*. 12 (4): 1241- 1254.
22. Buthaina Alkahtib, **Hayder Aldomi**. (2016). The Role of Iron Overload in Systemic Iron Homeostasis, Proinflammatory Biomarkers and Obesity Etiopathogenesis. *Jordan Journal of Agricultural Sciences*. 12(4): 1225-1239.
23. Anfal M. Al-Dalaeen, **Hayder A. Al-Domi** (2016). Evaluation of oxidant-antioxidant status in obese children and adolescents. *Pakistan Journal of Nutrition*, 15(10): 942-947 2016. doi: 10.3923/pjn.2016.942.947.
24. M.R. Alzoubi, **H. AL-Domi** (2016). Could omega-3 fatty acids a therapeutic treatment of the immunometabolic consequence of intermittent hypoxia in obstructive sleep apnea?, *Diab Met Syndr: Clin Res Rev*. <http://dx.doi.org/10.1016/j.dsx.2016.06.024>.
25. A. K. Alsaed, A. S. Carretero, K. Al-Ismael, H. Al-Domi, K. Alabsi, T. Rababa, R. Ajo, R. Daghmush, H. Bakhouché, J. Lozano-Sánchez. (2017). Chemical Composition of Nabali Jordanian Olive Oil. *La Rivista Italiana delle Sostanze Grass*; XCIV: 109-116.
26. **Hayder AL-Domi** and Israa Ali Mahmud (2016). Antiobesity Effect of Peripheral Exendin-4 and/or Exercise in High-Fat Diet-Induced Obese C57bl/6 Mice. *Pakistan Journal of Nutrition*. 15(4): 379-385.
27. **Hayder Al-Domi**. (2015). Knowledge and Attitudes toward Breastfeeding among Unmarried Female Graduates at the University of Jordan. *Malaysian Journal of Nutrition*. 21(3): 309-319.
28. **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.

29. **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).
30. Israa Ali Mahmud, **Hayder 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.
31. 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.
32. L. Mustafa, A. K. Alsaed and **H. Al-Domi** (2014). Drying of 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.
33. **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.
34. **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.
35. 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.
36. Rima H. Mashal, Ayman Oudeh, Khalid M. Al-Ismail, 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.
37. 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.
38. **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).
39. **Hayder Al-Domi**, Hiba Al-Rawajfeh, Fatima Aboyoucif, 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.
40. R. H. Mashal, K. M. Al-Ismail, **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.
41. 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.

42. **Al-Domi, H.** (2011). Addressing the Levels of Knowledge and Awareness on Human Rights and the right to food in a Group of Students at the University of Jordan. *Pakistan Journal of Nutrition*. 10 (7): 609-617.
43. **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.
44. 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.
45. 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.
46. 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.
47. **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.

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 Zaytoona 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.

CONFERENCE PRESENTATIONS

1. Hala Nawaiseh and **Hayder Al-Domi**. (2018). Oral glucose tolerance as a screening tool compared to fasting glucose to diagnose impaired glucose tolerance in Obese Young Adults. at the American Society for Nutrition's inaugural flagship meeting, Nutrition 2018. June 9-12, 2018; Boston, MA.
2. Buthaina Alkhatib and **Hayder Al-Domi**. (2018). The role of nutrition in preventing NCDs. At the Eighth Scientific Agricultural Conference (ESAC-2018); Agricultural challenges and sustainable development. 15-17 October Karak, Jordan
3. Anfal Al-Dalaeen and **Hayder Al-Domi**. (2018). Evaluation of oxidant-antioxidant status in obese children. At the Eighth Scientific Agricultural Conference (ESAC-2018); Agricultural challenges and sustainable development. 15-17 October Karak, Jordan
4. Smeeha Thneibat and **Hayder Al-Domi**. (2018). Anti-obesity and anti-inflammatory effects of hawthorn extract supplement delivered by phytosome in high fat diet-induced obesity in male Sprague-Dawley rats. At the Eighth Scientific Agricultural Conference (ESAC-2018); Agricultural challenges and sustainable development. 15-17 October Karak, Jordan
5. Nahla Al-Bayyari, **Hayder Al-Domi**, Faheem Zaid; (2018). The effect of vitamin d supplementation on anthropometric measurements of overweight Jordanian women with polycystic ovary syndrome. A controlled randomized trial. At Abu Dhabi annual international conference on vitamin D deficiency and human health; 15-16 March, 2018; Abu Dhabi, UAE.
6. Nahla Al-Bayyari, **Hayder Al-Domi**, Faheem Zaid; (2018). Effect of vitamin D on polycystic ovary syndrome prognosis, anthropometric, body composition parameters of overweight women a randomized-controlled clinical trial. At the 21st international conference in clinical and public health nutrition. 14-15 January, 2018; Zurich, Switzerland.
7. Nahla Al-Bayyari, **Hayder Al-Domi**, Faheem Zaid; (2015). The Effect of Vitamin D Supplementation on Anthropometric Measurements of Overweight Jordanian Women with Polycystic Ovary Syndrome in the North of Jordan. At the 7th Conference of Obesity in Jordan. November 14, 2015, Middle East University, Jordan.

8. **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>
9. **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.
10. 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.
11. 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.
12. 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.
13. 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.
14. **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.
15. **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).
16. **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.
17. **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.
18. Mousa T., **Al-Domi H.**, and Mashal, 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.

19. **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.
20. **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.
21. **Al-Domi, H.** Diabetes epidemic of the century out of control. Jordan Agriculture Engineer Association Journal. Vol 83: 13-15; 2007. Invited.
22. **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.
23. **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.
24. **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.
25. **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).

PHD DISSERTATION, 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.

EDITORIAL BOARDS

1. **EDITORIAL BOARD REGIONAL EDITOR**, Asian Journal of Medical Sciences, Maxwell Scientific Organization. December 2008-Present.
<http://maxwellsci.com/jp/j2p.php?jid=AJMS>.
2. **EDITORIAL BOARD MEMBER**, Journal of Clinical Nutrition & Dietetics. Medical Publishing, December, 2015-Present.
3. **REVIEWER**. Journal of Nutrition and Dietetics. Dietitians Association of Australia (DAA). January 2007-Present.
4. **REVIEWER**. Diabetologia. European Association for the Study of Diabetes. 2007-Present.
5. **REVIEWER**. Jordan Journal of Biological Sciences, Hashemite University, Jordan. November, 2015-Present.
6. **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

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.

CONFERENCE 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. Shoman Cultural Forum, the Abdul Hameed Shoman Foundation. Webinar on Obesity and Related Chronic Diseases. 30 November, 2020.
2. Seminars and Conferences Committee, School of Pharmacy, The University of Jordan. Webinar on Role of Zinc, Vitamin D and C in the Treatment of COVID-19. 25 December,, 2020.
3. Radio of The University of Jordan, A number of live talks on various health issues.
4. Amman Radio; Live talk show; Health for All 15 September, 2011. Dr. Mohammed Eshreem.
5. **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/K2bhr3WHf00>.
6. A number of articles published in local newspapers.
7. A number of live Radio talk show.

PROFESSIONAL SKILLS

- Advanced skills in measuring resting metabolic rate by using indirect calorimeter system.
- Determination of adiposity and leanness using bioelectrical impedance
- 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 nutrition counseling and education; including developing community nutritional programs.
- 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.
- 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.

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

- Elected Member, Board of Directors. The Jordan Society for Scientific Research. March 2016-Present.
- 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