

Curriculum Vitae

March, 2019



Mofleh S. Awawdeh, Ph.D.

Professor of Animal Nutrition

Head, Department of Veterinary Pathology and Public Health

Faculty of Veterinary Medicine

Jordan University of Science & Technology

P.O. Box 3030, Irbid 22110, **Jordan**

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Personal

Date of Birth: 31/10/1977.

Nationality: Jordanian.

Marital Status: Married.

Education

Doctor of Philosophy
Aug. 2003 – May 2006

Kansas State University
Manhattan, KS, USA
Major: Ruminant Nutrition
Dissertation: Protein and amino acid nutrition of growing and lactating cattle.
GPA: 4.0
Major advisor: Evan. C. Titgemeyer

Master of Science
Aug. 2001 – Aug. 2003

Kansas State University
Manhattan, KS, USA
Major: Ruminant Nutrition
Thesis: Effects of ammonia load on amino acid utilization.
GPA: 4.0
Major advisor: Evan. C. Titgemeyer

Bachelor of Science
Sep. 1995 – June 2000

Jordan University of Science & Technology (JUST)
Irbid, Jordan
Major: Veterinary Medicine (DVM)
Awards: Outstanding academic award (1996, 1997, 1998). **GPA:** 3.5

Position-Titles

Sep. 2017 – Present
Title: Vice Director,
Consultative Center for Science and Technology

Duties: Manager of Department
of Continuing Education.

Jordan University of Science & Technology
Irbid, Jordan

Feb. 2017 – Present

Title: Professor

Department of Vet Pathology & Public Health
Faculty of Veterinary Medicine

Jordan University of Science & Technology
Irbid, Jordan

Duties: Teaching and research.

Sep. 2016 – Sep. 2017

Title: Department Head,

Department of Vet Pathology & Public Health
Faculty of Veterinary Medicine

Jordan University of Science & Technology
Irbid, Jordan

Duties: Department head,
teaching, and research.

Sep. 2011 – Feb. 2017

Title: Associate Professor

Department of Vet Pathology & Public Health
Faculty of Veterinary Medicine

Jordan University of Science & Technology
Irbid, Jordan

Duties: Teaching and research.

Feb. 2013 – July 2014 (Sabbatical Leave)

Title: Faculty, Academic Coordinator &
Curriculum Leader

Health (Veterinary) Sciences

Al Ain Men's College, **Higher Colleges of
Technology**

Abu Dhabi, UAE

Duties: Teaching, curriculum
leader, and academic
coordinator.

Sep. 2008 – Sep. 2011

Title: Department Head,

Department of Vet Pathology & Public Health
Faculty of Veterinary Medicine

Jordan University of Science & Technology
Irbid, Jordan

Duties: Department head,
teaching, and research.

Sep. 2006 – Sep. 2011

Title: Assistant Professor,

Department of Vet Pathology & Public Health
Faculty of Veterinary Medicine

Jordan University of Science & Technology
Irbid, Jordan

Duties: Teaching and research.

Aug. 2002 – May 2006

Title: Graduate Research Assistant
Department of Animal Science and Industry
College of Agriculture
Kansas State University
Manhattan, KS
USA

Duties: Research in nitrogen balance and amino acid utilization in cattle.
Teaching assistant of various courses in animal science.

Teaching Experience

Taught courses	Place		
	Faculty	University	Country
• Animal products and public health (University Elective)	Veterinary Medicine	JUST	Jordan
• Animal production & management	Health (Veterinary) sciences	Higher Colleges of Technology	UAE
• Animal Husbandry			
• Preventive medicine & Public Health			
• Animal Anatomy & Physiology			
• Others			
• Animal Nutrition	Veterinary Medicine	JUST	Jordan
• Genetic & Animal Breeding	Veterinary Medicine	JUST	Jordan
• Clinical Animal Nutrition	Veterinary Medicine	JUST	Jordan
• Special Topics	Veterinary Medicine	JUST	Jordan
• Animal Physiology	Veterinary Medicine	JUST	Jordan
• Animal Health	Agriculture	JUST	Jordan
• Animal Health (University Elective)	Veterinary Medicine	JUST	Jordan
• Farm Animal Products & Production (University Elective)	Agriculture	JUST	Jordan
• Range Animal Nutrition	Agriculture	JUST	Jordan
• Advanced Animal Physiology (Digestive System)	Agriculture	JUST	Jordan

Graduate Student Committees

Major Advisor

1. H. K. Dager, M.Sc., Animal Production, JUST. **2015**. Thesis Title: Effects of alternative feedstuffs on growth performance and carcass characteristics of growing awassi lambs.

Co-advisor

1. Samah AL Jbour. M.Sc., Veterinary Medicine. JUST. **2018**. Assessment of three well-known carried-over mycotoxins residues (fumonisin,

deoxynivalenol, and zearalenol) in fresh and processed hen's eggs in Jordan market.

2. Mohammed Owedat. M.Sc., Animal Production, JUST. **2018**. Thesis Title: Effects of alternative feedstuffs on performance of nursing awassi ewes.
3. Bardees T. Telfah, M.Sc., Animal Production, JUST. **2010**. Thesis Title: Effects of calcium salts of fatty acids supplementation on performance of lactating dairy cows.

External Examiner

1. Mariam Al Nasser, M.Sc., College of Science, Environmental Science Master Program, United Arab Emirates University. **2013**. Thesis Title: Studies on fungal growth and mycotoxins production in feed raw materials and finished feeds.

Committee Member

1. Mohammad Mayyas, M.Sc. Animal Production. JUST. **2011**. Thesis Title: Effect of feeding poultry layer litter on growth performance and carcass characteristics of Awassi lambs.
2. Imadidden I. Musallam, M.Sc. Veterinary Medicine, JUST. **2009**. Thesis Title: Presence, distribution and effects of storage and heat treatment on antimicrobial (enrofloxacin, ciprofloxacin, chlorotetracycline and sulfanilamide) residues in commercial table eggs marketed in Jordan.
3. Ibrahim A. Alawneh, M.Sc., Animal Production, JUST. **2007**. Thesis Title: Effects of replacing soybean meal with xylose-treated soybean meal on performance of nursing Awassi ewes and fattening lambs.

Research & Funds

Research Skills

- Design and conduct experiments (feeding, nitrogen-balance, digestibility, etc.) in cattle (dairy and beef) and sheep (ewes and lambs).
- Perform surgical operations (rumen cannulation) in growing and dairy cattle.
- Surgical implantation of infusion lines into the rumen and abomasum of growing and dairy cattle.
- Conduct and maintenance of continuous-nutrient infusion technique in growing and dairy cattle.
- Collect, process, and analyze sample (feed, milk, fecal, urine, rumen, blood, etc.).
- Muscle-tissue biopsy to study the effect of feed additives and anabolic steroid implants.
- Statistical analysis (SAS software).

Research Interests

- Ruminant nutrition (cattle, sheep, and goat).
- Clinical animal nutrition and nutritional disorders.
- Alternative feedstuffs for ruminants.
- Vitamin/mineral supplementation and reproductive performance of ewes.

- Protein and amino acid nutrition of ruminants and factors affecting nitrogen balance and utilization efficiency.
- Soybean processing and amino acid bioavailability for ruminants.

Funded Research

- **2016.** Effects of alternative feedstuffs on growth performance and carcass characteristics of growing awassi lambs. Funded by Deanship of Scientific Research, JUST. Amount **\$9,500**.
- **2010.** Effect of giving vitamin E and selenium injections to pregnant Awassi ewes on their performance, lambing rate, and performance of their lambs. Funded by Deanship of Scientific Research, JUST. Amount **\$11,500**.
- **2008.** Olive cake as a feedstuff for Awassi sheep. Funded by Deanship of Scientific Research, JUST. Amount **\$11,050**.
- **2007.** Yellow grease (restaurant grease) as an energy source for finishing Awassi Lambs. Funded by Deanship of Scientific Research, JUST. Amount **\$8,750**.

Publications

Ph.D. Dissertation

- Protein and amino acid nutrition of growing and lactating cattle. **2006**. Kansas State University, Manhattan, USA.

Master Thesis

- Effects of ammonia load on amino acid utilization. **2003**. Kansas State University, Manhattan, USA.

Journal Publications (Peer Reviewed)

1. Mofleh S. **Awawdeh**, Hamzeh K. Dagerb and Belal S. Obeidatb. **2019**. Effects of alternative feedstuffs on growth performance, carcass characteristics, and meat quality of growing Awassi lambs. Italian Journal of Animal Science. doi.org/10.1080/1828051X.2019.1579680.
2. **Awawdeh, M. S.**, Eljarah, A. H., and Ababneh, M. M. **2019**. Multiple injections of vitamin E and selenium improved the reproductive performance of estrus-synchronized Awassi ewes. Tropical Animal Health and Production. doi.org/10.1007/s11250-019-01826-0.
3. **Awawdeh, M. S.**, Hananeh, W. M., and Abdullah, A. Y. **2018**. Histopathological effects of alternative feedstuffs (sesame hulls and Prosopis juliflora) on ruminal walls in black goat kids in Jordan. Journal of Applied Animal Research. 46: 130-133.
4. Myassar O. Alekish, Zuhair B. Ismail, Mofleh S. **Awawdeh** and Shoroq Shatnawi. **2017**. Effects of intramammary infusion of sage (*Salvia officinalis*) essential oil on milk somatic cell count, milk composition parameters and selected hematology and serum biochemical parameters in Awassi sheep with subclinical mastitis. Veterinary World. 10(8):895-900.
5. Musa A. Alshehabat, Zuhair A. Bani Ismail1, Wael M. Hananeh, and Mofleh S. **Awawdeh**. **2016**. Effect of sidr honey on healing of contaminated wounds in alloxan-induced diabetes mellitus in dogs.

- Research Opinions in Animal & Veterinary Sciences. 6:242-247.
6. Zuhair Bani Ismail, M. Alekish, M. **Awawdeh**, and I. Olymat. **2016**. Effects and safety of intravenous injection of formalin on coagulation parameters in healthy dairy cows. *Research Opinions in Animal & Veterinary Sciences*. 6:206-210.
 7. Zuhair Bani Ismail, Myassar O. Alekish, Mofleh S. **Awawdeh**, Issa Olymat. **2016**. Effects of a single intramuscular injection of vitamin K on the hematology, serum biochemistry and coagulation parameters in healthy adult dairy cows. *Macedonian Veterinary Review*. 39:1-4.
 8. Mofleh S. **Awawdeh**. **2016**. Rumen-protected methionine and lysine: effects on milk production and plasma amino acids of dairy cows with reference to metabolisable protein status. *Journal of Dairy Research*. 83: 151-155.
 9. Obeidata, B. S., A. Y. Abdullah, M. A. Mayyasa, M. S. **Awawdeh**. **2016**. The potential use of layer litter in Awassi lambs' diet: It's effects on nutrient intake, digestibility, N balance, and growth performance. *Small Ruminant Research*. 137:24-27.
 10. **Awawdeh**, M. S. and A. Q. Talafha. **2015**. Blood and milk status of vitamin E, vitamin A, and selenium in nursing Awassi ewes injected with vitamin E and selenium. *Acta Agriculturae Scandinavica, Section A– Animal Science*. 65 (3-4): 176-182.
 11. **Awawdeh**, M. S., A. Q. Talafha, B. S. Obeidat. **2015**. Postpartum injection with vitamin E and selenium failed to improve the performance of Awassi ewes and their lambs. *Canadian Journal of Animal Science*. 95:111-115.
 12. Obeidat, B. S., M. S. **Awawdeh**, R. T. Kridli, H. J. Al-Tamimi, M. A. Ballou, M. D. Obeidat, M. A. Abu Ishmais, F. A. Al-Lataifeh, H. S. Subih. **2014**. Feeding corn silage improves nursing performance of Awassi ewes when used as a source of forage compared to wheat hay. *Animal Feed Science and Technology*. 192:24-28.
 13. **Awawdeh**, M. S. and B. S. Obeidat. **2013**. Treated olive cake as a non-forage fiber source for Growing Awassi lambs: effects on nutrient intake, rumen and urine pH, performance, and carcass yield. *Asian-Australasian Journal of Animal Sciences*. 26:661-667.
 14. Obeidat, B. S., M. S. **Awawdeh**, B. T. Telfah, M. A. Ballou. **2012**. Calcium salts of long chain fatty acids in Awassi ewe lambs' diet: Effects on nutrient intake, digestibility, and blood metabolites. *Livestock Science*. 150:391-396.
 15. Obeidat, B. S., H. J. Al-Tamimi, T. M. Osaili, M. S. **Awawdeh**, and M. A. Abu Ishmais. **2012**. Broiler litter as an alternative feedstuff for Awassi ewes: effect on nursing performance and their lambs' performance. *Animal Feed Science and Technology*. 174:148-153.
 16. Obeidat, B. S., M. S. **Awawdeh**, H.H. Titi, A. A. AbuGhazaleh, F. A. Al-Lataifeh, I. A. Alawneh, M. A. Abu Ishmais, R. I. Qudsieh, and H. S. Subih. **2011**. Effect of feeding calcium salts on performance of nursing Awassi ewes. *Tropical Animal Health and Production*. 43:1211-1217.
 17. Obeidat, B. S., M. S. **Awawdeh**, A. Y. Abdullah, M. M. Muwalla, M. A. Abu Ishmais, B. T. Telfah, A. J. Ayrout, S. K. Matarneh, H. S. Subih, and T. O. Osaili. **2011**. Effects of feeding broiler litter on performance of Awassi lambs fed finishing diets. *Animal Feed Science and Technology*.

165:15-22.

18. **Awawdeh, M. S. 2011.** Alternative feedstuffs and their effects on performance of Awassi sheep: A review. *Tropical Animal Health and Production.* 43:1297-1309.
19. **Awawdeh, M. S. and B. S. Obeidat. 2011.** Effect of supplemental exogenous enzymes on performance of finishing Awassi lambs fed olive cake-containing diets. *Livestock Science.* 138:20-24.
20. **Belal S. Obeidat, Ibrahim A. Alawneh, and Mofleh S. Awawdeh. 2010.** Effects of replacing soybean meal with xylose-treated soybean meal on performance of nursing Awassi ewes and fattening lambs. *Italian Journal of Animal Science.* 9:332-337.
21. **Awawdeh, M. S., B. S. Obeidat, and R. T. Kridli. 2009.** Yellow grease as an alternative energy source for nursing Awassi ewes and their suckling lambs. *Animal Feed Science and Technology.* 152:165-174.
22. **Awawdeh, M. S., B. S. Obeidat, A. Y. Abdullah, and W. M. Hananeh. 2009.** Effects of yellow grease or soybean oil on performance, nutrient digestibility and carcass characteristics of finishing Awassi lambs. *Animal Feed Science and Technology.* 153:216-227.
23. **Obeidat, B. S., A. Y. Abdullah, K. Z. Mahmoud, M. S. Awawdeh, N .Z. Al-beitawi and F. A. Al-Lataifeha. 2009.** Effects of feeding sesame meal on growth performance, nutrient digestibility, and carcass characteristics of Awassi lambs. *Small Ruminant Research.* 82:13-17.
24. **Obeidat, B. S., A. Y. Abdullah, M. S. Awawdeh, R. T. Kridli, H. H. Titi, and R. I. Qudsieh. 2008.** Effect of methionine supplementation on performance and carcass characteristics of Awassi ram lambs fed finishing diets. *Asian-Australasian Journal of Animal Sciences.* 21:831-837.
25. **Kridli, R. T. A. Y. Abdullah, B. S. Obeidat, R. I. Qudsieh, H. H. Titi, M. S. Awawdeh. 2007.** Seasonal variation in sexual performance of Awassi rams. *Animal Reproduction.* 4:38-41.
26. **Awawdeh, M. S., E. C. Titgemeyer, J. S. Drouillard, R. S. Beyer, and J. E. Shirley. 2007.** Ruminant degradability and lysine bioavailability of soybean meals and effects on performance of dairy cows. *Journal of Dairy Science.* 90:4740-4753.
27. **Awawdeh, M. S., E. C. Titgemeyer, G. F. Schroeder, and D. P. Gnad. 2006.** Excess amino acid supply improves methionine and leucine utilization by growing steers. *Journal of Animal Science.* 84:1801-1810.
28. **Schroeder, G. F., E. C. Titgemeyer, M. S. Awawdeh, J. S. Smith, and D. P. Gnad. 2006.** Effects of energy level on methionine utilization by growing steers. *Journal of Animal Science.* 84:1497-1504.
29. **Schroeder, G. F., E. C. Titgemeyer, M. S. Awawdeh, J. S. Smith, and D. P. Gnad. 2006.** Effects of energy source on methionine utilization by growing steers. *Journal of Animal Science.* 84:1505-1511.
30. **Awawdeh, M. S., E. C. Titgemeyer, K. C. McCuiston, and D. P. Gnad. 2005.** Ruminant ammonia load affects leucine utilization by growing steers. *Journal of Animal Science.* 83:2448-2454.
31. **Awawdeh, M. S., E. C. Titgemeyer, K. C. McCuiston, and D. P. Gnad. 2004.** Effects of ammonia load on methionine utilization by growing steers. *Journal of Animal Science.* 82:3537-3542.
32. **McCuiston, K. C., E. C. Titgemeyer, M. S. Awawdeh, and D. P. Gnad. 2004.** Histidine utilization by growing steers is not negatively affected by

increased supply of either ammonia or amino acids. *Journal of Animal Science*. 82:759-769.

Proceedings & Abstracts

Proceedings

1. **Mofleh S. Awawdeh. 2009.** Effect of restaurant fat on milk yield and composition of dairy cows limit-fed concentrate with free access to forage. *World Academy of Science, Engineering and Technology*. 57:511-513.

Abstracts

1. **M. S. Awawdeh** and M. M. Ababneh. **2018.** Vitamin E and selenium injection as a potential to manage repeat-breeding syndrome in dairy cows. 1st International Conference on Food, Agriculture and Animal Sciences. Antalya, Turkey.
2. **M. S. Awawdeh**, H. K. Dager, and B. S. Obeidat. **2017.** Effects of alternative feedstuffs on growth performance and carcass characteristics of growing lambs. 68th. Annual Meeting of the European Association for Animal Production, Tallinn, Estonia.
3. **Awawdeh, M. S.**, Eljarah, A. H., and Ababneh, M. M. **2016.** Vitamin E and selenium injections improved the reproductive performance of Awassi ewes. 67th. Annual Meeting of the European Association for Animal Production, Belfast, UK.
4. **Awawdeh, M. S. 2011.** Treated olive cake as a non-forage fiber source: effects on nutrient intake, nutrient digestibilities, and performance of finishing Awassi lambs. The 2011 Southern Section Meeting, American Society of Animal Science, Texas, USA.
5. **Awawdeh, M. S.**, B. S. Obeidat, and R. T. Kridli. **2008.** Yellow grease as an alternative energy source for nursing Awassi ewes. 59th Annual Meeting of the European Association for Animal Production, Vilnius, Lithuania. Book of abstract No. 14:188.
6. **Awawdeh, M. S.**, E. Titgemeyer, J. Drouillard, R. Beyer, and J. Shirley. **2007.** Evaluation of four soybean meal products as protein sources for dairy cows. 58th Annual Meeting of the European Association for Animal Production, Dublin, Ireland. Book of abstract No. 13:20.
7. **Awawdeh, M. S.**, E. C. Titgemeyer, G. F. Schroeder, and D. P. Gnad. **2005.** Effects of supply of excess amino acids on leucine utilization by growing steers. Joint Meeting of the American Dairy Science Association, American Society of Animal Science, and the Poultry Science Association, Ohio, USA. *Journal of Animal Science*. 83: Supplement 1:W108.
8. **Awawdeh, M. S.**, E. C. Titgemeyer, G. F. Schroeder, and D. P. Gnad. **2005.** Effects of supply of excess amino acids on methionine utilization by growing steers. Midwestern Section of the American Society of Animal Science Meeting, Iowa, USA. *Journal of Animal Science*. 83: Supplement 2:252.
9. Schroeder, G. F., E. C. Titgemeyer, **M. S. Awawdeh**, J. S. Smith, and D. P. Gnad. **2005.** Effects of energy sources on methionine utilization by growing steers. Joint Meeting of the American Dairy Science Association, American Society of Animal Science, and the Poultry Science Association, Ohio, USA. *Journal of Animal Science*. 83: Supplement 1:710.

10. **Awawdeh, M. A.**, E. C. Titgemeyer, K. C. McCuiston, and D. P. Gnad. **2004**.
Ruminal ammonia load improves nitrogen retention of growing steers when leucine is limiting. Joint Meeting of the American Dairy Science Association, American Society of Animal Science, and the Poultry Science Association, Missouri, USA. Journal of Animal Science. 82: Supplement 1:T180.
11. Schroeder, G. F., E. C. Titgemeyer, **M. S. Awawdeh**, and D. P. Gnad. **2004**.
Effects of energy supply on methionine utilization by growing steers. Joint Meeting of the American Dairy Science Association, American Society of Animal Science, and the Poultry Science Association, Missouri, USA. Journal of Animal Science. 82: Supplement 1:156.
12. **Awawdeh, M. A.**, E. C. Titgemeyer, K. C. Candler, and D. P. Gnad. **2003**.
Effects of ammonia load on methionine utilization in growing steers limited soybean hull-based diets. Joint Meeting of the American Dairy Science Association, American Society of Animal Science, and the Poultry Science Association, Arizona, USA. Journal of Animal Science. 81: Supplement 1:98.
13. Candler, K. C., E. C. Titgemeyer, **M. S. Awawdeh**, and D. P. Gnad. **2003**.
Ruminal ammonia load does not impact histidine utilization by growing steers. Midwestern Section of the American Society of Animal Science Meeting, Iowa, USA. Journal of Animal Science. 82: Supplement 2:271.

Scientific Journal Contribution

Reviewer

- Agricultural Science
- Animal Production Science.
- Czech Journal of Animal Science.
- Emirates Journal of Food and Agriculture.
- Journal of Animal and Feed Sciences.
- Journal of Applied Animal Research.
- Journal of Agricultural Science and Technology.
- Tropical Animal Health and Production.
- Jordan Journal of Agricultural Sciences.
- Livestock Science.
- Journal of Animal Science.

Editorial Board

- **2016-Present:** Gavin Journal of Food and Nutritional Science. Editorial Board.
- **2014-Present:** Emirates Journal of Food and Agriculture. Reviewing Editor-Animal Science section.
- **2014-Present:** Nutritional Segment Journal. Regional Editor.

Attended Meetings & Scientific Conferences

- **2018:** 1st International Conference on Food, Agriculture and Animal Sciences. Antalya, Turkey. October 3-7.
- **2017:** 68th Annual Meeting of the European Association for Animal Production, Tallinn, Estonia. August 28–September 1.
- **2016: Invited Keynote Speaker:** Dubai International Animal Feed & Pet Food Safety Conference. Dubai, UAE. November 16-17.
- **2016:** 67th Annual Meeting of the European Association for Animal Production. Belfast, UK. August 29–September 2.
- **2010:** National Conference for the Development of Study Plans, Teaching and Learning, and Scientific Research. Under the patronage of his Majesty King Abdullah II. Le Royal Hotel. Amman, Jordan. June 15-17.
- **2009:** International Conference on Agricultural & Livestock Science and Technology. World Academy of Science, Engineering, and Technology. Amsterdam, Netherlands. September 23-25.
- **2009:** 8th Scientific Conference. Jordanian Veterinary Association. Amman, Jordan. October 6-10. (Key Speaker).
- **2008:** 59th Annual Meeting of the European Association for Animal Production. Vilnius, Lithuania. August 24–27.
- **2007:** 58th Annual Meeting of the European Association for Animal Production. Dublin, Ireland. August 26–29.
- **2005:** Eleventh DISCOVER Conference on Food Animal Agriculture: Amino Acid Requirements of Dairy Cows. Abe Martin Lodge. Nashville, Indiana, USA. August 28-31.
- **2005:** Joint Meeting of the American Dairy Science Association, American Society of Animal Science, and the Poultry Science Association. Cinergy Center. Cincinnati, Ohio, USA. July 24-28.
- **2005:** Midwestern Section of the American Society of Animal Science Meeting. Polk County Convention Center. Des Moines, Iowa, USA. March 21-23.
- **2003:** Joint Meeting of the American Dairy Science Association, American Society of Animal Science, and the Poultry Science Association. Phoenix Civic Plaza. Phoenix, Arizona, USA. June 22-26.
- **2002:** Midwestern Section of the American Society of Animal Science Meeting. Polk County Convention Center. Des Moines, Iowa, USA. March 18-20.

Workshops & Seminars

Workshops

Keynote Speaker

- **2015.** Poultry Nutrition: Vitamin, Amino Acid, and Electrolyte Supplementation. Cenavisa, Dead Sea, Jordan. November 6-7.
- **2012.** Conducting the Training Course for Capacity Building in Dairy Farming Management and Milk Processing in Rehabilitation of the Mosul Dairy Plant. National Center for Agricultural Research and Extension (NCARE), Amman, Jordan. January 22-30.
- **2011.** "Using of Crop Residues & By-products in Animal Feeding Formulas". National Center for Agricultural Research and Extension (NCARE), Amman, Jordan. October 2-22.

Participant

- **2016.** Higher Education Cooperation Day. National Erasmus+. Jordan-European Union. Amman, Jordan. October 26.
- **2016.** Innovation Teaching in Higher Education. JUST, Irbid, Jordan. May 29-30.
- **2015.** Statistical Package for Social Sciences. JUST, Irbid, Jordan. Jan. 31-Feb. 1.
- **2013:** eText training & implementation. Higher Colleges of Technology. Abu Dhabi, United Arab Emirates.
- **2010.** Toward a Mediterranean Union for Veterinary Education. European Commission, Directorate-General Enlargement, Technical Assistance and Information Exchange (TAIEX). Alfort Veterinary School, Paris, France. October 7-8.
- **2008.** Modern University Instructional Methods. JUST, Irbid, Jordan. Feb. 27-March 3.
- **2008.** Ophthalmic Diseases of Equine. Organized by SPANA. JUST, Irbid, Jordan.
- **2006.** Testing and Evaluation (University Examinations). JUST, Irbid, Jordan. Dec. 17-19.

Academic Seminars

- **2004.** Total splanchnic, portal, and hepatic flux measurements as research tools in ruminant nutrition: applications. Kansas State University, Manhattan. November 22.
- **2004.** Transmissible spongiform encephalopathy: a possible link between bovine spongiform encephalopathy (BSE) and new variant Creutzfeldt-Jakob disease (vCJD) in humans. Kansas State University, Manhattan. May 3.
- **2002.** Abomasal displacement, etiology and risk factors. Kansas State University, Manhattan. November 18.
- **2002.** Molecular mechanism of ammonia neurotoxicity. Kansas State University, Manhattan. March 25.

Committees at JUST, Jordan

Department (Veterinary Pathology and Public Health) Level

- Member of Peer-Faculty Academic Promotion.
- **Sep. 2006-present.** Member of Department Council.
- **Sep. 2016-Sep. 2017.** Chair of Scientific Research and Graduate Studies.
- **Sep. 2015-Sep. 2016.** Member of Scientific Research Committee.
- **Sep. 2015-Sep. 2016.** Member of Quality Assurance Committee.
- **Sep. 2014-Sep. 2015.** Member of Scientific Research Committee.
- **Sep. 2008-Sep. 2011.** Chair of Scientific Research and Graduate Studies Committee. JUST, **Jordan.**

Faculty (Veterinary Medicine) Level

- **Sep. 2016-Sep. 2017.** Member of Faculty Council.
- **Sep. 2015-Sep. 2016.** Member of Academic Quality Assurance Committee.

- **Sep. 2015-Sep. 2016.** Chair of Social Committee.
- **Sep. 2014--Sep. 2015.** Member of Social Committee.
- **Sep. 2014-Sep. 2015.** Member of Student Affair Committee.
- **August 2015 & 2016.** Member of Interview Committee for students applying to faculty of veterinary medicine.
- **Sep. 2011-Sep. 2012.** Chair of Equipment and Supplies Committee.
- **Sep. 2010-Sep. 2011.** Member of Equipments and Supplies Committee.
- **Sep. 2008- Sep. 2011.** Member of Faculty Council.
- **Sep. 2008-Sep. 2011.** Member of Graduate Studies Committee.
- **Sep. 2008-Sep. 2011.** Member of Curriculum Committee.
- **Sep. 2008-Sep. 2011.** Member of Strategic Curriculum and Accreditation Committee.
- **Sep. 2008-Sep. 2009.** Member of Planning and Improvement Committee.
- **Sep. 2007-Sep. 2008.** Member of Scientific Research Committee.
- **Sep. 2006-Sep. 2007.** Member of Animal Health and Welfare Committee.

University Level

- **Sep. 2011-Sep. 2012.** Member of University Council. JUST, **Jordan**

Community Service

- Extension services for national dairy, sheep, and goat farms. Giving advices and recommendations to farmers regarding nutrition and feeding, management, and health issues.
- Giving several lectures at “Scientific Day” organized by Jordanian Veterinary Association (JVA) for veterinarians and animal producers.
 - “Major Nutritional Disorders of Dairy Cattle”. **2011.** Irbid, Jordan.
 - “Alternative Feedstuffs”. **2009.** JVA, Amman, Jordan.
 - “Animal Nutrition: What to Feed Your Animals?” **2007.** JVA, Zarqa, Jordan.
- **2009.** Giving lectures for veterinarians from Afghanistan about “Dairy Cow Nutrition and Reproduction”. JUST, Irbid, Jordan.
- **2007.** Giving lectures for veterinarians working in the Ministry of Agriculture about “Nutrition and Reproductive Performance of Ewes”, UNDP-supported workshop. JUST, Irbid, Jordan.
- Peer reviewer for Jordan Journal of Agricultural Sciences (JJAS), Jordan Journal of Biological Sciences (JJBS), and Scientific Research Support Fund (Ministry of Higher Education & Scientific Research-Jordan).

Membership & Organizations

- Jordanian Veterinary Association, **Jordan. (2001-Present).**
- Federation of Animal Science Societies, **USA. (2001-2007).**

Honors and Awards

- **2008.** Best Paper Award. European Association of Animal Production (EAAP) Annual Meeting, Vilnius, Lithuania.
- **2003.** 2nd best graduate poster, Cattlemen's Day, Kansas State University, USA.
- Master (**2001**) and PhD (**2003**) scholarships, JUST, Jordan.
- **1996, 1997, 1998.** Outstanding Academic Award, JUST, Jordan.

References

- Additional references can be provided upon request.
- 1. Titgemeyer, Evan**
 Professor/Intermin Coordinator of Research and ASI Graduate Program Director
 Department of Animal Sciences
 Faculty of Agriculture
 Kansas State University
 Manhattan, KS 66506-1600
 USA
etitgeme@k-state.edu
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