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Mysaa Abbas Ata
Professor in Animal Science

-Education/Certificates

Aug. 2008-Aug. 2011 **University of Arkansas/Animal Science Department** **Fayetteville, AR, USA**

- Ph.D. in Animal Science (Ruminant Nutrition /Immunology). Dissertation Title: The inter-relationship among endophyte-infected fescue, immune function, and specific gene polymorphisms in cattle (GPA = 3.9/4).

Aug. 2005-July 2007 **Jordan University of Science and Technology** **Irbid, Jordan**

- Master degree in Ruminant Nutrition from the Department of Animal Production/Faculty of Agriculture. Thesis Title: Effect of Forage Level in High Concentrate Diets on Growth Performance of Growing Awassi Lambs.

1998-2002 **Jordan University of Science and Technology** **Irbid, Jordan**

- Bachelor degree in Agriculture/Animal Production from the Department of Animal Production/Faculty of Agriculture.

-Teaching and Management experience

Nov, 2021 – Sep, 2022 **Jerash University/ Faculty of Agriculture** **Jerash, Jordan**
Dean Assistant for Quality Assurance Affairs

Nov, 2021- **Jerash University/ Animal Production Department** **Jerash, Jordan**
Professor
Teaching Animal Genetics, Animal Biotechnology, Ruminant Nutrition Feed Analysis, Meat Science and Technology, Graduation Seminar, Graduate Project, and Field training coerces (***Courses were a combination of in class, blended, and online type of teaching***).

Sep 2021 – Feb 2022 **Animal Production Department/ JUST** **Irbid, Jordan**
Part Timer
Teaching Equine Husbandry (***Blended Course***) and Rabbit Husbandry (***Online Course***) courses.

Feb, 2017- Nov, 2021 **Jerash University/ Animal Production Department** **Jerash, Jordan**
Associate Professor
Teaching, Sheep Production, Animal Genetics, Animal Breeding, Feed Analysis, Graduation Seminar and Field training coerces. Meat Science and Technology, Principles of Animal Nutrition, Beef Production, Biotechnology (***Online Teaching since March 2020***).

Oct, 2011- Jan, 2017 **Jerash University/ Animal Production Department** **Jerash, Jordan**
Assistant Professor
Teaching Principles of Animal Nutrition, Beef Production, Biotechnology, Sheep Production, Animal Genetics, Animal Breeding, Graduation Seminar and Field training courses.

Nov 2014- Oct 2015 **Jerash University/ Deanship of Academic Research** **Jerash, Jordan**
Head of the Scientific Research Department.

Oct 2012- Sep, 2014 **Jerash University/ Animal Production Department** **Jerash, Jordan**
Head of the Animal Production and Nutrition Science Department

Aug–Dec, 2009 **University of Arkansas/Animal Science Department** **Fayetteville, AR**
Teaching Assistant (TA)
Applied Nutrition course. Guest lectures, developing/grading exams/quizzes, and helping students with lab assignments.

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- Research and work interests

- **Animal nutrition / Ruminants Nutrition**
- **Feed, ration formulation and preparation**
- **Feed digestibility**
- **Animal biotechnology**
- **Factors affecting the immune responses**

-Publication and presentations

Published work in Refereed Journal Articles:

- **B. S. Obeidat, M. Ata, M. G. Thomas, M. D. Obeidat, F. Al-lataifeh, B. M. Nusairat and J. Al-Khaza'leh. 2024. Growth performance and carcass quality response of Awassi lambs fed jojoba meal. *Cogent Food & Agriculture*. 10 (1), 2413390. https://doi.org/10.1080/23311932.2024.2413390. (Scopus; Q2).**

- **B. S. Obeidat, M. M. Shdaifat, M. Ata, M. D. Obeidat, B. M. Nusairat, M. K. Aloueedat, J. Al-Khaza'leh, M. G. Thomas. 2024. Effects of chickpea grain feeding on the growth and carcass features of growing lambs. *Tropical Animal Health and Production*. 56:273. https://doi.org/10.1007/s11250-024-04108-6. (ISI, Scopus; Q2).**

- **F. Allataifeh, B. S. Obeidat, A. Awawdeh, M. Ata. 2024. The impact of selenium supplementation om growth performance of Awassi lambs. *Bulgarian Journal of Agricultural Science*. 30 (5), 870–874 (Scopus; Q3).**

- **F. Allataifeh, B. S. Obeidat, M. Ata. 2024. Performance, Rumen Fluid pH and Blood Metabolites of Lambs Fed Whole or Ground Barley Grain. *Jordan Journal of Agricultural Sciences*. 20 (2), 149-157. https://doi.org/10.35516/jjas.v20i2.1146. (ISI).**

- **B. S. Obeidat, M. M. Shdaifat, M. K. Aloueedat, M. Ata. 2022. The effects of feeding chickpea grains on the lactating performance and blood metabolites of ewes. *Tropical Animal Health and Production*. 54: 340. https://doi.org/10.1007/s11250-022-03337-x. (ISI, Q2)**

- **B. S. Obeidat, M. Ata, F. Allataifeh. 2022. Influence of corn stover on the growth and blood parameters of Awassi lambs fed a concentrate diet. *Italian Journal of Animal Science*. 21(1): 702-707. https://doi.org/10.1080/1828051X.2022.2057242. (ISI, Q2)**

- **B. S. Obeidat, M. Ata, H. S. Subih. 2022. Impacts of substituting soybean meal with cold extraction sesame meal on growth accomplishment and health in growing Awassi lambs. *Tropical Animal Health and Production* 54: 116. https://doi.org/10.1007/s11250-022-03116-8. (ISI, Q2)**

- **B. S. Obeidat, R. T. Kridli, M. Ata, K. Z. Mahmoud, P. M. Bartlewski. 2021. Nutrient intake, in vivo digestibility, growth performance and carcass quality of growing lambs fed concentrate diets containing sweet lupin grain (Lupinus angustifolius). *Small Ruminant Research* 204: 106510. doi.org/10.1016/j.smallrumres.2021.106510. (ISI, SCOPUS; Q2).**

- **M. Ata, M. Altarawneh, M. Al-Masad. 2021. Climate change perceptions and adaptations for dairy cattle farmers in Jordan: case study in north east region – Al- Dhulel area. *New Medit* 20 (2): 97-105. doi.org/10.30682/nm2102g. (ISI, Scopus)**

- **M. Ata, B. S. Obeidat. 2021. The impact of lamb diets containing either barley or corn on growth performance and carcass quality. *Veterinary World* 14(6): 1487- 1491. doi.org/10.14202/vetworld.2021.1487-1491. (Scopus; Q1)**

- **M. Ata, B. S. Obeidat. 2020. The inclusion of sweet lupin grain (Lupinus angustifolius) improves nursing performance of lactation in Awassi ewes. *Small Ruminant Research* 190 (106150). doi.org/10.1016/j.smallrumres.2020.106150. (ISI, Scopus; Q2)**

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- **A. Al-Momani, M. Ata, K. Al-Najjar. 2020. Evaluation of Weight and Growth Rates of Awassi Sheep Lambs.** ***Asian Journal of Research in Animal and Veterinary Sciences*** **5(3): 26-32.**

- **B. S. Obeidat , H. S. Subih, M. Ata. 2020. Protein Supplementation Improves Performance of Lambs Fed Low-Quality Forage.** ***Animals*** **10: 51-58. doi:10.3390/ani10010051. (ISI, Scopus; Q1)**

- **B. S. Obeidat , M. A. Mayyas, A. Y. Abdullah, M. S. Awawdeh, R. I. Qudsieh , M. D. Obeidat, B. M. Nusairat, K. Z. Mahmoud, S. G. Haddad, F. A. Al-Lataifeh, M. Ata, M. A. Abu Ishmais, A. E. Aljamal. 2019. The Potential Use of Layer Litter in Awassi Lamb Diet : Its Effects on Carcass Characteristics and Meat Quality.** ***Animals*** **9: 782-789. doi:10.3390/ani9100782. (ISI, Scopus; Q1)**

- **B. S. Obeidat , R. T. Kridli, K. Z. Mahmoud, M. D. Obeidat, S. G. Haddad, H. S. Subih, M. Ata, A. E. Al-Jamal, T. Abu Ghazal, and J. M. Al-Khazáleh. 2019. Replacing Soybean Meal with Sesame Meal in the Diets of Lactating Awassi Ewes Suckling Single Lambs: Nutrient Digestibility, Milk Production, and Lamb Growth.** ***Animals*** **9: 157- 165. doi:10.3390/ani9040157. (ISI, Scopus; Q1)**

- **Obeidat, B. S., K. Z. Mahmoud, M. D. Obeidat, M. Ata, R. T. Kridli, S. G. Haddad, H. H. Titi, K. Jawasreh, H. Al-Tamimi, H. Subih, S. Hatamleh, M. A. Abu Ishmais, R. Abu Affan. 2018. The effects of Saccharomyces cerevisiae supplementation on intake, nutrient digestibility, and rumen fluid pH in Awassi female lambs.** ***Veterinary World*** **11: 1015- 1020. (Scopus; Q1)**

- **M. Ata, F. Allataifeh, and M. Altarawneh. 2017. Performance, carcass percentage, and production cost for Awassi lambs fed high energy diet for short fattening period.** ***Journal of Agricultural Science*** **9(9): 108-113. (ERA)**

- **M. Ata. 2016. Effect of Hydroponic Barley Fodder on Awassi Lambs Performance.** ***Journal of Biology, Agriculture, and Healthcare. Journal of Biology, Agriculture, and Healthcare*** **6(8): 60- 64.**

- **M. Ata. 2016. The Impact of Partial and Total Replacement of Soybean with Peanut Meal on Broilers Performance.** ***Journal of Natural Science Research*** **6(4): 77-81.**

- **M. Ata, and H. Hamad. 2015. Relationship between Birth Weight and Body Growth of awassi Lambs During Early Weaning.** ***Journal of Biology, Agriculture, and Healthcare*** **5(24): 95- 99.**

- **H. Hamad, M. Ata, W. Hamad, and H. Takruri. 2015. Effect of Soaking and Fermentation Wheat Bran on Weight Gain, Accumulative Food Intake, and Food Efficiency Ratio in Rats.** ***Journal of Agricultural Science*** **7(11): 201- 207. (ERA)**

- **M. Ata, and M. Almasad. 2015. Effect of Milk Powder Supplementation on Growth Performance of Broilers.** ***Journal of Agricultural Science*** **7(8): 111-117. (ERA)**

- **M. Almasad, M.Ata, M. Tarawneh, and E. Altahat. 2014. Problems facing broilers producers in Amman.** ***Al-Najah University Journal*** **28(9): 2074- 2088.**

- **B. Aldeseit, M.I. Majdalawi, M. Ata. 2012. Application of Linear Programming Technique to Formulate Least Cost Balanced Ration for Calves – Fattening in Jordan.** ***Journal of Animal and Veterinary Advances*** **11(17): 3119- 3124. (ISI, Scopus; Q1)**

- **M. Ata, K.P. Coffey, J.D. Caldwell, A.N. Young, D. Philipp, E. Kegley, G.F. Erf, D.S. Hubbell, III, and C.F. Rosenkrans, Jr. 2010. Immune Function Responses of Spring and Fall-Born Calves Weaned from Wild-type or Novel-Endophyte Infected Tall Fescue.** ***AAES Research Series*** **584: 16- 19. (http://arkansasagnews.uark.edu/584-3.pdf)**

- **M. A. Ata, K.P. Coffey, J.D. Caldwell, A. N. Young, D. Philipp, E. Kegley, G.F. Erf, D.S. Hubbell, III, and C.F. Rosenkrans, Jr. 2009. Immune Function Responses of Spring-Born Calves Weaned from Wild-type or Novel- Endophyte Infected Tall Fescue.** ***AAES Research Series*** **574: 60-62. (http://arkansasagnews.uark.edu/574-17.pdf)**

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- **M. A. Ata and S. G. Haddad, 2009. Growth performance of lambs fed on diets varying in concentrate and wheat straw. *Small ruminant research* 81: 96-99. (ISI, Scopus; Q2)**

***Participating in the following professional activities and meetings*:**

- **Blinded and Online Course Design (BOLD) Capacity Building Workshop Series (May to Sept, 2024). A certificate in BOLD is granted from the University of Strathclyde Glasgow. Areas covered were: Identify graduate attribute relevant to subject and disciplines in higher education; Write learning objectives that are specific, measurable, achievable, relevant and timebound using Bloom's Verbs; Design constructively aligned assessment and feedback frameworks; Create engaging learning activities; Develop module storyboard.**

- **Climate Change, Sustainable Agriculture Food Security (CCSAFS) workshop, 17-19 February, 2017 at the Dead Sea Holiday Inn Hotel.**

- **A member of a designed team for the developing a MSc program in Climate Change, Sustainable Agriculture Food Security (CCSAFS) Project at Jerash University, October 2016 to October 2017.**

- **A member of designed team for the FoodQA Project at Jerash University, from October 2016 to October 2017.**

- **A project coordinator for the Climate change and Sustainability Policy Project (CLIMASP) Project at Jerash University since June, 2014.**

- **Climate change and Sustainability Policy Project (CLIMASP) workshop, 25-27 October, 2014 at American University of Madaba, Jerash University, and University of Jordan.**

- **Climate change and Sustainability Policy Project (CLIMASP) workshop, 19-21 June, 2014 at American University of Madaba, and Hashemite University.**

- **Session chairman at the First Agricultural Conference for the Faculty of Agriculture in Jerash University, that held in May 24-26, 2014.**

- **Presenting a poster at the 2011 ASAS/ADSA Midwest Meeting March 14-16, 2011 Des Moines, Iowa. M. Ata, K. P. Coffey, J. D. Caldwell, E. B. Kegley, M. L. Looper, A. N. Young, D. Philipp, G. F. Erf, D. S. Hubbell III, and C. F. Rosenkrans Jr. Relationship between polymorphisms in the prolactin promoter and cytochrome P450 genes, and feedlot performance by steers weaned from wild-type or non-toxic endophyte-infected tall fescue pastures. *University of Arkansas, Fayetteville, USDA-ARS, Booneville, AR*. Abstract #:329**

- **Presenting a poster at the 2010 ADSA-PSA-AMPA-CSAS-ASAS Joint Annual Meeting July 11-15, 2010 Denver, Colorado. M. A. Ata, K. P. Coffey, J. D. Caldwell, E. B. Kegley, M. L. Looper, A. N. Young, D. Philipp, C. P. West, G. F. Erf, D. S. Hubbell III, and C. F. Rosenkrans Jr. Immune function responses by spring and fall-born calves weaned from wild-type or non-toxic endophyte-infected tall fescue. *University of Arkansas, Fayetteville, USDA-ARS, Booneville, AR*. Abstract #:M120**

- **Jordanian 6th Agricultural Conference held at Jordan University from 9-12 April, 2007.**

- **The 8th Scientific Day of Agriculture Faculty at Jordan University of Science and Technology held in May 17th, 2006 as one of the organizing committee members.**

- **Member in the Agriculture Engineering Association since 2002, Amman, Jordan.**

-Summary of qualifications/skills

***Experienced with the following Software*:**

- **Office Software: Microsoft Office 97-2016.**
- **Others: SPSS 12-22, SAS 9.x.**

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***Skills*:**

- **Teaching courses in English and Arabic languages.**
- **Online teaching through Zoom and Microsoft Teams.**
- **Verbal, written, communication and computer skills.**
- **Exceptional cooperating and interacting skills with employees, workers, and students.**
- **Self Motivated, dynamic, and possess strong organization skills with the ability to multitask.**

Lab experience:

- **Collect forage samples from pasture, hay, and prepared them for analysis**
- **Rumen evacuation and digesta handling**
- **Performed in situ and in vitro studies to determine digestion kinetics**
- **Feed formulation**
- **DNA and RNA extraction**
- **DNA and RNA quantification using spectrophotometer**
- **Amplifying DNA and cDNA by using PCR**
- **DNA sequencing and examining gene expression by RT-PCR**
- **Separation of DNA and RNA by using Gel electrophoresis**
- **Determine blood cell count using Hema Vet machine**
- **Preparing Media, planting, counting Bacteria**

- Personal Data

- **Date of Birth: September 24, 1980**
- **Place of Birth: Kuwait**
- **Nationality: Jordanian**
- **Marital status: Single**

-References

Contact name	Affiliation • Phone	E-mail address
Dr. Kenneth Coffey	**Department of Animal Science/U of A* 479-575-2112**	**kcoffey@uark.edu**
Dr. Charles Rosenkrans Jr.	**Department of Animal Science/U of A 479-575-4376**	**crosenkr@uark.edu**
Dr. Gisela F. Erf	**Department of Animal Science/U of A 479-575-8664**	**gferf@uark.edu**
Dr. Dirk Philipp	**Department of Animal Science/U of A 479-575-7914**	**dphilipp@uark.edu**
Dr. Serhan G. Haddad	**Department of Animal Production/JUST** +962-2-729-5111 • Ext. 22220**	**shaddad@just.edu.jo**

U of A = University of Arkansas, Fayetteville, AR
****JUST = Jordan University for Science and Technology, Irbid***