

Mohamed A. Abedal-Majed

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☒ Education

Ph.D. Animal Science (Reproductive Physiology-Biotechnology)

University of Nebraska-Lincoln; December, 2017/excellent. Advisor: Dr. Andrea S. Cupp

M.Sc. Animal Science (Reproductive Physiology)

University of Jordan / Animal Production Department-Amman; May, 2011/ Grade point Average (GPA) is (4.00 out of 4.00) merit (excellent) . Advisor: Dr. Mohammad Jihad Tabbaa; Co-advisor: Dr. Mufeed Awni Alnimer

B.Sc. Animal Science

University of Jordan / Animal Production Department-Amman; June, 2007/ Grade point Average (GPA) is (3.54 out of 4.00) merit (very good) (ranked the 1st).

☒ Professional Experience:

September, 2023 – present

Vice Dean for Student's Affairs/ Deanship of Student Affairs /The University of Jordan/ Amman-Jordan

September, 2021 – September, 2023

Assistant Dean for Student's Affairs/School of Agriculture/The University of Jordan/Amman-Jordan

June, 2023– present

Associate professor at the Department of Animal Production/School of Agriculture/The University of Jordan/Amman-Jordan

April, 2018-June, 2023

Assistant professor at the Department of Animal Production/School of Agriculture/The University of Jordan/Amman-Jordan

January, 2018-March, 2018

Lecturer at the Department of Animal Production/School of Agriculture/ The University of Jordan/Amman-Jordan

January, 2014-December, 2018

Graduate Research Assistant at the Department of Animal Science/Nebraska University/Lincoln, NE

October, 2008- December, 2013

Graduate Research Assistant at the Department of Animal Production/School of Agriculture/ The University of Jordan/Amman-Jordan

☒ Teaching Experience

		Seminar in Animal Production (602491)	Research Skills & Learning (3400101)	Entrepreneurship Innovation	Field Training in Animal Production (602499)	Principles of Animal Production (602101)	Reproduction and Artificial Insemination (602451)	Physiology (6033302)	Physiology of Farm Animal (602256)	Biotechnology in Animal Production (0602793)
2017 /2018	Spring	10 students								
	Summer	11 students	80 students							
2018 /2019	Fall		80 students		78 students	32 students				
	Spring		80 students				19 students	19 students		
	Summer		162 students					35 students		
2019 /2020	Fall		91 students		89 students					
	Spring		101 students		119 students		22 students	14 students		
	Summer		500 students			26 students				
2020 /2021	Fall	5 students	152 students		85 students			43 students		
	Spring	5 students	120 students		110 students		34 students	58 students		
	Summer	7 students	125 students		65 Students					
2021 /2022	Fall	5 students	120 students						33 students	
	Spring	5 students	125 students					43 students		
	Summer				116 students	34 students		35 students		
2022 /2023	Fall			67 students			24 students	21 students		
	Spring	10 students		72 students				18 students		
	Summer			140 students				40 students		
2023/ 2024	Fall			67 students				32 students		
	Spring							50 students		7 students

Teaching Assistant (TA) at the University of Nebraska-Lincoln for the following courses:

- 1- Physiology of Animal Cells and Tissues (ASCI443/843)/Spring 2017 (approx. 15 students)
- 2- Endocrinology (ASCI442/842)/Fall 2017 (approx. 20-30 students)

Teaching Assistant (TA) at the University of Jordan for the following courses:

- 1- Animal Health (0602231) (approx. 20-30 students)
- 2- Poultry Diseases and Parasites (0602332) (approx. 20-30 students)
- 3- Physiology of Farm Animals (0602256) (approx. 15 students)
- 4- Genetic Improvement of Farm Animals (0602361) (approx. 20-30 students)
- 5- Feed Analysis (0602483)
- 6- Field Training in Animal Production (0602499)

☒ Research Interests

1. Effects of vascular development on follicle progression and ovulation in Animals.
2. Effect of nutrition/feed additive on productive and reproductive functions in Animals.
3. Effects of hormones and environment on follicle progression and ovulation in Animals.
4. Effect of environment factors on reproductive function in Animals.
5. To understand how different steroidogenic enzymes that expressed in theca, granulosa and corpus luteum affects ovarian folliculogenesis to improve our ability to manipulate ovulation.

☒ Reviewer For Scientific Journals

- Livestock Science
- Animal Reproduction
- Animal Frontiers
- Journal of Animal Science

☒ Peer Reviewed Publications

1. Saeed, O. A., N. K. Ahmed., M. M. Taha., **M. A. Abedal-Majed.**, F. M. Ali., & A. A. Samsudin. Effects of Feeding Selenium and Vitamin E on Reproductive Performance and Physiological Responses in Ewes Under Intravaginal Sponges Application. *Tropical Animal Science Journal*. Accepted (April, 2024) [\(ISI, Q2\)](#).
2. Zeinab M.H. Mahasneh, Mohannad Abuajamieh, **Mohamed A. Abedal-Majed**, Mohmmad Al-Qaisi, Anas Abdelqader, Abdur-Rahman A. Al-Fataftah.2024 . Effects of medical plants on alleviating the effects of heat stress on chickens. *Poultry Science*. 13: (1-14) <https://doi.org/10.1016/j.psj.2023.103391>. [\(ISI, Q1\)](#).
3. Alexandria P Snider, Renata S Gomes, Adam F Summers, Sarah C Tenley, **Mohamed A Abedal-Majed**, Renee M McFee, Jennifer R Wood, John S Davis, Andrea S Cupp. 2023. Identification of Lipids and Cytokines in Plasma and Follicular Fluid before and after Follicle-Stimulating Hormone Stimulation as Potential Markers for Follicular Maturation in Cattle. *Animals*. 13 (20): 1-18. [DOI: 10.3390/ani13203289](https://doi.org/10.3390/ani13203289). [\(ISI, Q1\)](#).
4. Mohmmad Al-Qaisi, Anas Abdelqader, Mohannad Abuajamieh, **Mohamed A Abedal-Majed**, Abdur-Rahman A Al-Fataftah. 2023. Impacts of dietary betaine on rectal temperature, laying performance, metabolism, intestinal morphology, and follicular development in heat-exposed laying hens. *Journal of Thermal Biology*. 117: 1-10. [DOI: 10.1016/j.jtherbio.2023.103714](https://doi.org/10.1016/j.jtherbio.2023.103714). [\(ISI, Q1\)](#).
5. **Mohamed A. Abedal-Majed**, Mohannad Abuajamieh, Mohmmad Al-Qaisi, Kevin M. Sargent, Hosam Hani Titi, Mufeed Awni Alnimer, Anas Abdelqader, Ahmad I. Shamoun, Andrea S Cupp. 2023. Sheep with Ovarian Androgen Excess have Fibrosis and Follicular Arrest with Increased mRNA Abundance for Steroidogenic Enzymes and Gonadotropin Receptors. *Journal of Animal Science*. 101:1-11. <https://doi.org/10.1093/jas/skad082> [\(ISI, Q1\)](#).
6. **Mohamed A. Abedal-Majed**, Hosam Hani Titi, Mohmmad Al-Qaisi, Mohannad Abuajamieh, Mufeed Awni Alnimer, Anas Abdelqader. 2023. The effects of rumen protected methionine supplementation on the performance of primiparous dairy cows using the Presynch-Ovsynch protocol. *Animal Science Journal*. 94 (1):1-13. <https://doi.org/10.1111/asj.13835> [\(ISI, Q2\)](#).
7. Anas Abdelqader, Mohannad Abuajamieh, **Mohamed A. Abedal-Majed**, Mohmmad Al-Qaisi, Abdur-Rahman A. Al-Fataftah. 2023. Suppression of inflammatory responses in heat-stressed broiler chickens by bovine casein. *Journal of Thermal Biology*. 113 (2). <https://doi.org/10.1016/j.jtherbio.2023.103536>. [\(ISI, Q1\)](#).
8. Mohmmad Al-Qaisi, **Mohamed A. Abedal-Majed**, Mohannad Abuajamieh, Mufeed Alnimer, Abdur-Rahman A. Al-Fataftah, Rabie Irshaid, Hosam Titi and Anas Abdelqader. 2022. Effects of dietary betaine on body temperature indices, performance, metabolism, and hematological variables of dairy heifer calves during hot summer conditions. *Veterinary World*. 15 (7): 1657-1664. [www.doi.org/10.14202/vetworld.2022.1657-1664](https://doi.org/10.14202/vetworld.2022.1657-1664) [\(ISI, Q1\)](#)
9. **Mohamed A Abedal-Majed**, Shelby A Springman, Hanan D Jafar, Brooke E Bell , Scott G Kurz, Kyle E Wilson, Andrea S Cupp. 2022. Naturally occurring androgen excess cows are present in dairy and beef herds and have similar characteristics to women with PCOS. *J Anim Sci*. 100: 1-12. <https://doi.org/10.1093/jas/skac151> [\(ISI, Q1\)](#)

10. Hosam H. Titi., Mufeed A. Alnimer., **Mohamed A. Abedal-majed**. 2022. Effect of supplemental rumen-protected methionine on reproduction and production of Awassi ewes. **Italian Journal of Animal Science**. 21 (1): 624-633. <https://doi.org/10.1080/1828051X.2022.2048973> (ISI, Q1)
11. **Mohamed A. Abedal-Majed**, Shelby A. Springman, Courtney M. Sutton, Alexandria P. Snider, Brook E. Bell, Mariah L. Hart, Scott G. Kurz, Jeffrey Bergman, Adam F. Summers, Renee M. McFee, John S Davis, Jennifer R Wood and Andrea S Cupp. 2022. VEGFA165 can rescue excess steroid secretion, inflammatory markers, and follicle arrest in the ovarian cortex of High A4 cows. **Biol Reprod**. 106 (1): 118-131. <https://doi.org/10.1093/biolre/ioab201> (ISI, Q1)
12. Nafziger SR, Tenley SC, Summers AF, **Abedal-Majed MA**, Hart M, Bergman JW, Kurz SG, Davis JS, Wood JR, Cupp AS. 2021. Attainment and Maintenance of Pubertal Cyclicity May Predict Reproductive Longevity in Beef Heifers. **Biol Reprod**. 104 (6): 1360-1372. <https://doi.org/10.1093/biolre/ioab044> (ISI, Q1)
13. Courtney M. Sutton, Shelby A. Springman, **Mohamed A. Abedal-Majed** and Andrea S. Cupp. 2021. Bovine Ovarian Cortex Tissue Culture. **Journal of Visualized Experiment**. 167: 1-19. [DOI: 10.3791/61668](https://doi.org/10.3791/61668) (ISI, Q3)
14. Hayajneh, F.M.F., A. Abdelqader, M.A. Alnimer, **M.A. Abedal-Majed**, J. Al-Khazaleh. 2020. The role of high-grade Bentonite powder in coccidiosis and its effects on feed conversion ratio and blood parameters in broiler chicken. **Polish Journal of Veterinary Sciences**. 23(1): 97–107. [DOI: 10.24425/pjvs.2020.132753](https://doi.org/10.24425/pjvs.2020.132753) (ISI, Q2)
15. **Mohamed A. Abedel-Majed**, Sarah, John S Davis and Andrea S Cupp. 2019. Perturbations in Lineage Specification of Granulosa and Theca Cells May Alter Corpus Luteum Formation and Function. **Frontiers in Endocrinology**. 10:1-16. [DOI: 10.3389/fendo.2019.00832](https://doi.org/10.3389/fendo.2019.00832) (ISI, Q2)
16. **Mohamed A. Abedal-Majed**, Scott G. Kurz, Shelby A. Springman, Anthony K. McNeel, Harvey C. Freetly, Valerie Largen, Manjula Magamage, Kevin M. Sargent, Jennifer R. Wood, Robert A Cushman, Andrea S. Cupp. 2019. Vascular Endothelial Growth Factor A isoforms modulate follicle fate independent of diet through diverse signal transduction pathways. **Biology of Reproduction**. 5: 1-13. [DOI 10.1093/biolre/ioz211](https://doi.org/10.1093/biolre/ioz211) (ISI, Q1)
17. **Mohamed A. Abedal-Majed** and Andrea S Cupp. 2019. Livestock animals to study infertility in women. **Animal Frontiers**. 9(3): 28-33. [DOI: 10.1093/af/vfz017](https://doi.org/10.1093/af/vfz017) (ISI, Q1)
18. Mufeed A. Alnimer, **Mohamed A. Abedal-Majed**, and Ahmad I. Shamoun. 2019. Effect Of Two Prostaglandin Injections On Day 5 And 6 In a Timed AI Protocol After Estrus Expression On Pregnancy Outcomes In Dairy Cows During Cold Or Hot Seasons Of The Year. **Arch. Anim. Breed**. 62 (1): 161-170. [DOI: 10.5194/aab-62-161-2019](https://doi.org/10.5194/aab-62-161-2019) (ISI, Q2)
19. **Mohamed A. Abedal-Majed**, Tabbaa MJ, Alnimer MA and Ababneh MM. 2013. Comparison of plasma testosterone, thyroid levels, and semen characteristics of local and cross of improved Awassi strains in Jordan. **Journal of Faculty of Veterinary Medicine, Istanbul University**. 39(1):103-112. (ISI, Q2)

☒ Grants

<u>Title</u>	<u>People</u>	<u>Grantor</u>	<u>Period</u>	<u>Amount (JD)</u>
Role of Probiotics and Prebiotics in intestinal microflora balance of laying hens raised in extended laying cycles and its impact on performance	Anas Abdelqader Abdur-Rhaman Al-Fataftah Mohannad Abuajamieh Mohammad Al-Qaisi Mohamed A. Abedal-Majed	JU Dean of Scientific Research	19/5/2022 to 18-5-2024	20000
Effect of organic zinc on the sheep ovarian follicular development <i>in vivo</i> and <i>in vitro</i>	Mohamed A. Abedal-Majed	the National Center for Research and Development	26/4/2022 to 26/4/2024	15000
Effects of beta glucan on the performance and health of poultry under thermos-neutral and heat stressed conditions	Mohannad Abuajamieh Anas Abdelqader Abdur-Rhaman Al-Fataftah Mohamed A. Abedal-Majed Mohammad Al-Qaisi	Scientific Research Support Fund/MOHE	5/12/2021 to 5/12/2024	51000
Effects of dietary betaine supplementation on performance, inflammatory biomarkers, and intestinal integrity during feed restriction in sheep	Mohammad Al-Qaisi Mohannad Abuajamieh Anas Abdelqader Abdur-Rhaman Al-Fataftah Hosam H. Titi Mohamed A. Abedal-Majed	JU Dean of Scientific Research	5/11/2020 to 5/11/2022	20000
Effect of organic zinc on the ovine performance, gut integrity and ovarian follicular development <i>in vivo</i> and <i>in vitro</i>	Mohamed A. Abedal-Majed Mohannad Abuajamieh Hosam H. Titi Mufeed A. Alnimer Anas Abdelqader Mohammad Alqaisi	JU Dean of Scientific Research	26/12/2019 to 26/12/2023	20000
Effect of different energy levels post-weaning on ovine intestinal health and ovarian follicular development <i>in vivo</i> and <i>in vitro</i>	Mohamed A. Abedal-Majed Mufeed A. Alnimer Hosam H. Titi Mohannad Abuajamieh	JU Dean of Scientific Research	29/11/2018 to 29/5/2023	20000
Impact of prolactin concentration and days in milk on the pregnancy rate at first AI postpartum using Ovsynch protocol in lactating dairy cows during summer and winter seasons	Mufeed A. Alnimer Mohamed A. Abedal-Majed Ahmad I. Shamoun	JU Dean of Scientific Research	30/5/2018 to 30/1/2023	12000

☒ Awards and Honors

1. Excellent teaching award for Physiology course. University of Jordan. July 2020
2. Trainee Poster Award Presentation. The 14th Annual Gilbert S Greenwald Symposium on Reproduction and Regenerative Medicine in Kansas City Oct. 19-20, 2017.
3. Trainee Travel Award (\$160) to attend the 14th Annual Gilbert S. Greenwald Symposium on Reproduction and Regenerative Medicine in Kansas City Oct. 19-20, 2017.
4. Trainee Travel Award (\$140) to attend the 13th Annual Gilbert S. Greenwald Symposium on Reproduction and Regenerative Medicine in Kansas City Sept. 22-23, 2016.
5. Beadle Center, Center for Biotechnology/ UNL. The Milton E. Mohr Fellowship Award (\$1000). 2016-2017.
6. Larry Ewing Memorial Trainee Travel Fund award (\$120). Society for the Study of Reproduction (SSR) Annual Meeting; San Diego, CA 2016.

7. Whitmore Memorial Travel Fellowship (\$500). UNL, Department of Animal Science; 2015.
8. Larry Ewing Memorial Trainee Travel Fund award (\$200). SSR; San Juan, Puerto Rico, 2015.
9. Scholarship from the University of Jordan to complete the Ph.D. degree at the University of Nebraska-Lincoln, 2014-2018.
10. Scholarship from the University of Jordan to complete the M.Sc. degree at the University of Jordan-Amman, 2008-2011.

☒ **Platform Presentations**

1. **Mohamed A. Abedal-Majed**. High A4 Cow Ovarian Cortex Secretes Excess A4, Increased Primordial Follicles And Greater Response To VEGFA Isoforms. MMOD Work in Progress – Feb 2017
2. **Mohamed A. Abedal-Majed**, Manjula Magamage, Rebecca Vinton, Scott Kurz, Anthony K. McNeel, Harvey C. Freetly, Robert A Cushman, Jennifer R. Wood, Andrea S. Cupp. Effect of diet on ability of Vascular Endothelial Growth Factor A (VEGFA) isoforms to alter follicular progression in bovine ovarian cortical cultures. Beef Group meeting ARDC. May 10-11, 2016.
3. **Mohamed A. Abedal-Majed**, Manjula Magamage, Rebecca Vinton, Scott Kurz, Anthony K. McNeel, Harvey C. Freetly, Robert A Cushman, Jennifer R. Wood, Andrea S. Cupp. Effect of diet on ability of Vascular Endothelial Growth Factor A (VEGFA) isoforms to alter follicular progression in bovine ovarian cortical cultures. Rocky Mountain Reproductive Sciences Symposium. 9th Annual Rocky Mountain Reproductive Sciences Symposium, April 22, 2016. Loveland, CO.

☒ **Abstracts and Scientific Meetings**

1. **Mohamed A. Abedal-Majed**, Mohannad Abuajamieh, Mohmmad Al-Qaisi, Mufeed A. Alnimer, Kevin M. Sargent, Hosam H. Titi, Anas Abdelqader, Ahmad I. Shamoun, Andrea, S. Cupp. Ewes with androgen excess in follicular fluid have increased steroidogenic and inflammatory markers and follicular arrest. The 55th Annual Meeting of the Society for the Study of Reproduction. July 26-29, 2022 in Spokane, Washington.
2. **Mohamed A. Abedal-Majed**, Shelby A. Springman, Hanan Jafar, Brooke Bell, Scott G. Kurz, Kyle Wilson, and Andrea S. Cupp. High A4 Females Are Present in Other Herds and have Naturally Occurring Androgen Excess Similar to Women Diagnosed with Polycystic Ovary Syndrome. The 54th Annual Meeting of the Society for the Study of Reproduction. December 15-18, 2021 in St. Louis, MO. (ID 3234).
3. Alexandria P. Snider, Renata S. Gomes, Adam F. Summers, **Mohamed A. Abedal-Majed**, Sarah C. Tenley, Renee M. McFee, Jennifer R. Wood, John S. Davis, Andrea S. Cupp. Lipids Involved In Pro And Anti-Inflammatory Responses Are Altered In Follicular Fluid And Plasma Of Cows Administered A Low Dose FSH Treatment And May Be Used As Markers Of Ovulation In Beef Cows. The 53th Annual Meeting of the Society for the Study of Reproduction. July 8-12, 2020.
4. Jessica Keane, Sarah Nafziger, **Mohamed Abedal-Majed**, Sarah Tenley, Mariah Hart, Jeff Bergman, Scott Kurz, Jennifer Wood, Adam Summers, Andrea Cupp. Early Reduced Growth Rates Predict Delayed or Altered Puberty and May Adversely Affect Reproductive Longevity in Beef Heifers. The 52th Annual Meeting of the Society for the Study of Reproduction. July 18-21, 2019 | San Jose McEnery Convention Center.
5. Shelby Springman, Sarah Nafziger, **Mohamed Abedel-Majed**, Alex Snider, Kerri Bochantin, Jeff Bergman, Renee McFee, John Davis, Jennifer Wood, Andrea Cupp. Follicle Stimulating

- Hormone Stimulation Restores Ovarian Microenvironment of Beef Heifers with Androgen Excess to Reduce Inflammation. The 52th Annual Meeting of the Society for the Study of Reproduction. July 18-21, 2019 | San Jose McEnery Convention Center.
6. Sarah Nafziger, **Mohamed A. Abedal-Majed**, Sarah Tenley, Adam Summers, Mariah L. Hart, Gavin Harsh, Jeff Bergman, Scott G. Kurz, Jennifer R Wood, Robert A Cushman, and Andrea S Cupp. Endocrine Profiles During Attainment of Puberty may Predict Reproductive Longevity in Heifers. The *50th Annual Meeting of the Society for the Study of Reproduction* 13–16 July 2017 Washington D.C. USA. (ID # 281).
 7. R. Spuri Gomes, S. C. Tenley, S. Romereim, **M. A. Abedal-Majed**, A. F. Summers, S. Kurz, J. Bergman, R. M. McFee, J.C. Gomes Neto, R. A. Cushman, J. S. Davis, J. R. Wood, A. S. Cupp. Cows with Follicular Fluid Androgen Excess Exhibit Anovulation and Have Altered Circulating Sex Hormone Binding Globulin, Gonadotropin Secretion and Plasma and Follicular Fluid Composition.
 8. Sarah Romereim, Sarah Tenley, **Mohamed A. Abedal-Majed**, Jeffrey Bergman, Scott Kurz, John S. Davis, Jennifer R. Wood, Andrea S. Cupp. Aromatase Inhibition during Bovine Dominant Follicle Development Delays Ovulation But Does Not Create a Persistent Follicle. The 13th Annual Gilbert S. Greenwald Symposium on Reproduction and Regenerative Medicine. 22–23 September 2016. Kansas City, Kansas, USA.
 9. **Mohamed A. Abedal-Majed**, Manjula Magamage, Rebecca Vinton, Scott Kurz, Anthony K. McNeel, Harvey C. Freetly, Robert A Cushman, Jennifer R. Wood, Andrea S. Cupp. Effect of diet on ability of Vascular Endothelial Growth Factor A (VEGFA) isoforms to alter follicular progression in bovine ovarian cortical cultures. 13th Annual Gilbert S. Greenwald Symposium on Reproduction and Regenerative Medicine. 22–23 September 2016. Kansas City, Kansas, USA.
 10. Robert A. Cushman, Émerson M. Soares, **Mohamed A. Abedal-Majed**, Andrea S. Cupp, George A. Perry, Harvey C. Freetly. Fetal and postnatal nutritional programming of reproductive performance in ruminants. *Journal of Animal Science* 94 (supplement2):151 January 2016.
 11. **Mohamed A. Abedal-Majed**, Manjula Magamage, Rebecca Vinton, Scott Kurz, Anthony K. McNeel, Harvey C. Freetly, Robert A Cushman, Jennifer R. Wood, Andrea S. Cupp. Effect of diet on ability of Vascular Endothelial Growth Factor A (VEGFA) isoforms to alter follicular progression in bovine ovarian cortical cultures. The *49th Annual Meeting of the Society for the Study of Reproduction* 16–20 July 2016 San Diego, California, USA. (ID # 336).
 12. Sarah Tenley, Adam Summers, Renata Spuri-Gomes, **Mohamed A. Abedal-Majed**, Jeff Bergman, Scott Kurz, Jennifer Wood, Robert Cushman, Andrea S Cupp. A portion of heifers attaining “Early Puberty” do not display estrus, are anovulatory and have altered sex hormone binding globulin concentrations. The 49th Annual Meeting of the Society for the Study of Reproduction 16–20 July 2016 San Diego, California, USA. (ID # 318).
 13. Sarah Tenley, Renata Spuri-Gomes, **Mohamed A. Abedal-Majed**, Jeff Bergman, Scott Kurz, Jennifer Wood, Robert Cushman, Andrea S Cupp. A Portion of Heifers Attaining “Early Puberty” do not display estrus, are anovulatory and have reduced Sex Hormone Binding Globulin concentrations. 12th Annual Gilbert S. Greenwald Symposium on Reproduction and Regenerative Medicine. 22–23 October 2015. Kansas City, Kansas, USA.
 14. Renata Spuri-Gomes, Sarah C Tenley, **Mohamed A. Abedal-majed**, Scott G. Kurz, Jeff Bergman, Jennifer R. Wood, Andrea S. Cupp. Cows with Intrafollicular Androgen Excess have Lower Sex Hormone Binding Globulin and appear to be Chronic or Sporadic Anovulatory. SSR 2015 (ID #629).

☒ SUPERVESION OF GRADUATE STUDENTS

1. Esraa Sameer Abid Aldaim. MSc. In Animal Production (December 2020) (Co-supervisor). Effect of colostrum milk powder on intestinal health of coccidian challenged broiler chickens
2. Nouh Ishak AbdelRahim AbuFara. MSc. In Animal Production (August 2022) (Co-supervisor). Effect of dietary rumen- protected choline on productive and reproductive performance of primiparous dairy cows.
3. Leen Almahrouq. MSc. In Animal Production (in preparation) (Co-supervisor). Effect of dietary rumen- protected choline on the ovine productive and reproductive performance.

☒ GRADUATE THESIS DEFENSE EXAMINER

1. Bothaine Ahmad Al-Khawaldeh. MSc in Animal Production. 2020. The University of Jordan. Supervised by Dr. Anas Abdelqade
2. Azzam Knaian Mohammad Aljamaeen MSc in Animal Production. 2022. The University of Jordan. Supervised by Dr. Mohammad Jihad Tabbaa
3. Walaa Alyounes. PhD in Animal Production. December 2023. The University of Jordan. Supervised by Dr. Anas Abdelqader and Dr. Mohannad Abuajamieh Efficacy of Probiotics and Essential Oils as Alternatives to Antibiotics in Necrotic Enteritis Infected Broiler Chickens.
4. Mohammed Alfaqieh. PhD in Animal Production. December 2023. The University of Jordan. Supervised by Dr Anas Abdelqader. Efficacy of Bentonite Nanoparticles Against Necrotic Enteritis in Broiler Chickens.
5. Zeinab Mahasneh. PhD in Animal Production. January 2024. The University of Jordan. Supervised by Dr. Abdur-Rhaman Al-Fataftah and Dr. Mohannad Abuajamieh. Using indigenous medical plants as feed additives to alleviate the adverse effects of heat stress on broiler chickens physiology and performance
6. Ayah Alhessah. MSc in Animal Production. January 2024. The University of Jordan. Supervised by Dr. Abdur-Rhaman Al-Fataftah and Dr. Anas Abdelqader. Effect of Probiotics on the Genes Expression Associated with Integrity of Intestinal Epithelial Barrier in Broiler Chickens Exposed to Heat Stress

☒ Professional Membership

- Society for the Study of Reproduction (2015 –Present)
- Jordanian Agricultural Engineering Association (2008-Present)
- Gamma Sigma Delta, University of Nebraska (2016-present)

☒ Language

Arabic (Mother tongue)

English (Excellent in reading, writing, and speaking)