

CURRICULUM VITAE



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I. EDUCATION

BVM&S, Baghdad University, Baghdad, Iraq, 1985

MS, Kishinev Agriculture Institute, Kishinev, Russia, 1987.

Thesis title: *Clinical and Electrocardiographical findings in Broncho pneumonic Calves.*

Ph.D. in Veterinary Medicine Internal Medicine. Vitebsk State Academy of Veterinary Medicine, Vitebsk, Russia 1991.

Dissertation title: *The Status of Antioxidant System in Newborn Calves, Diagnosis and Therapy.*

POST DOCTORAL STUDIES: Clinical training in Large Animal Clinical Sciences, **Iowa State University, Ames, Iowa USA**, November 1992 - April 1995.

II. WORK EXPERIENCE

Work place	Country	Position	From	To
Iowa State University	USA	Adjunct Instructor, Post-doctoral fellow	November 1992	April 1995
JUST	JORDAN	Full-Time Lecturer	June 25, 1995	July 2000
JUST	JORDAN	Assistant Professor	July 18, 2000	Aug 2006
JUST	JORDAN	Associate Professor	August 1, 2006	Aug 2012
JUST	JORDAN	Acting Chairperson	Sept 2002	Sept 2004
JUST	JORDAN	Assistant Dean of Student Affairs	Sept 2004	Sept 2006
JUST	JORDAN	Professor	Aug 2011	Till Now
JUST	JORDAN	Chairperso, Professor	Sept 2010	Sept 2013
Bologna University	Italy	Visiting Professor	Sept 2013	Aug 2014
JUST	JORDAN	Professor	Sept 2014	To date

III. PROFESSIONAL ASSOCIATIONS:

- Jordan Veterinary Medical Association
- The Jordan Society for the Protection of Animals
- JUST Faculty Society
- International Society of Camelid Research and Development
- International Society for Infectious Diseases
- Jordanian Society for Thought and Dialogue. (Vice President)
- The Royal Society for the Conservation of Nature
- International Goat Association

IV. LANGUAGES:

- Arabic (native).
- English and Russian – Very Good
- Italian: Beginner

V. TEACHING ASSIGNMENT:

1. VM 499 Clinical instruction of junior veterinary students
2. VM 591 Clinical instruction of senior veterinary students
3. VM 592 Clinical instruction of senior veterinary students
4. VM 463 Infectious diseases
5. VM 473 Internal medicine I
6. VM 225 Animal Husbandry
7. VM 571 Veterinary infectious diseases

8. VM 570 Internal medicine II
9. VM 593 Seminars and graduation projects
10. VM. 411 Animal Health for non-Vet students
11. VM 721 Advance veterinary internal medicine I for master students
12. VM 722 Advance veterinary internal medicine II for master students
13. VM 724 Advance Infectious diseases for master students
14. VM 791 Advanced clinical instruction for master students
15. VM 212 Pet Animal Care (for non-Vet students).
16. VM 372 General Vet Internal Medicine
17. VM 374 Case History and Physical Examination
18. VN 471 Food Animal Medicine
19. Agr.436 Diseases of Animals for Agri-Students

VI. COMPUTER SKILLS & STATISTICS:

1. E-learning and microcomputer applications in Veterinary Medicine.
2. Statistical package SPSS

VII. RESEARCH GRANTS FUNDED

1. The Effect of Using Different Methods of Shearing on the Incidence of Caseous Lymphadenitis in Sheep. Deanship of research, JUST. Co-I, JD 5000
2. Lipid Peroxidation and Animal Diseases. Deanship of research, JUST. PI, JD 4500
3. Oxidative stress in cows with clinical and sub clinical mastitis: diagnosis and therapy. Deanship of research, JUST. PI, JD 4500
4. Improving and Sustaining Veterinary Education, Services and Research in Jordan. Higher Education Development Fund (HEDF) World Bank, Co-I (\$625,000.00).
5. Multinational Approaches to Enhance Goat Production in the Middle East. USAID. Co-I, \$ 240,000
6. Etiology and pathology of sheep pneumonia In eastern-northern Jordanian badia. Jordan Badia Research and Development Program. Co- I, JD 20,000
7. Camel diseases in Jordanian badia. Jordan Badia Research and Development Program. Co- I, JD 11,000
8. Sedative and Analgesic Effects of Detomidine in Camels (Camelus dromedaries). Orion Corporation, Animal Health Division, Finland. Co- I
9. Efficacy of Closantel plus Albendazole Liquid Suspension against Natural Infection of Gastrointestinal Parasites in Jordanian Camels. VAPCO. PI, JD 3,000.
10. Identification of remedies of constraints in dairy herd health and productivity in Jordan. Higher Council for Research & Technology, Jordan Badia Research and Development Program. Co-I, JD 30,000
11. Acute Phase Protein Response to Heat Stress in Dairy Cattle in Jordan. Deanship of research, JUST. PI, JD 6400.
12. Effect of Low altitude on the Antioxidant Enzyme Activities and Lipid peroxidation Products in Camels (Camelus dromedarius) living in the Dead Sea area. Deanship of research, JUST. PI, JD 6000.

13. Occurrence of Feed-borne Mycotoxins in Food-Animal Products, JUST (Sabbatical Leave Research Grant)
14. levels of Perfluorinated Compounds (PFCs) in human breast milk in comparison to their level in local fresh cow milk and powdered commercial milk in Northern Jordan, JUST. Co-I, JD 10,000.
15. A survey of mineral status of Awassi sheep in northern Jordan. Co-I, JUST, JD 10,000.
16. Chemical pollutants in feed and animal-food products in Jordan P.I, JUST, JD 10,000.
17. The status of essential and non-essential minerals in food-animals, and its relationship to their content in soil and pasture plants and its impact on human health in Jordan. Submitted to *The International Atomic Energy Agency (IAEA)*.
18. Mycotoxin impact on food chain in Jordan. Submitted to the NSF-USAID.
19. Chemical contamination of animal feed and foods of animal origin. Deanship of research, JUST. PI, JD 13000.
20. Detection of Pesticides, Dioxine Residues in Breast Milk from Women in Northern Jordan. Co-I, JUST, JD 8,000.

VIII. JOURNAL REFEREE:

1. Comparative Biochemistry and Physiology
2. Preventive Veterinary Medicine
3. Journal of Dairy Science
4. Asian Journal Of Animal and Veterinary Advances
5. International Journal of Zoological Research
6. Jordan Journal of Agricultural Sciences
7. Research Journal of Veterinary Sciences
8. Asian Journal of Animal Sciences
9. International Journal of Women's Health
10. HIV/AIDS - Research and Palliative Care
11. Iranian Veterinary Journal
12. Journal of Veterinary Science
13. Diabetes Research and Clinical Practice

IX. WORKSHOP ATTENDED:

1. Second International Workshop, Modern Applications in Theriogenology. Jordan University of Science and Technology March 2 - 7, 1996, **Irbid - Jordan.** (Coordinating Committee)
2. International Workshop in Ruminant Abdominal Surgery. Jordan University of Science and Technology May 11 - 12, 1996, **Irbid - Jordan.**
3. Meat and dairy hygiene workshop. Jordan University of Science and Technology April 22 - 23, 1996, **Irbid - Jordan.** (Coordinator & Attendant)
4. Problems affecting health and productivity of dairy cattle. Jordan University of Science and Technology November 26, 1996, **Irbid-Jordan.** (Lecturer & Coordinator)
5. Abortion in Ruminants. Jordan Veterinary Association May 9, 1997, **Zarka - Jordan.** (Lecturer).

6. The 1st International Workshop on Goat Health and Production. **Irbid- Jordan**. September 8-12, 2002 (Coordinator & Lecturer)
7. Multinational approaches to enhance goat production in the middle east. 1st Workshop. October 18- 23, 2001. **Larnaca, Cyprus**.
8. Multinational approaches to enhance goat production in the middle east. 2nd Workshop. October 22- 28, 2003. **Larnaca, Cyprus**.
9. Workshop “Women in Parliament Project”. Civil Society Development Center. **Jordan** University of Science and Technology 16/5/2002
10. International Advanced Training Course in Small Ruminant Record-Keeping Software. The Desert Research Center, Ministry of Agriculture and Land Reclamation, Egypt, and Middle East Regional Cooperation Program (MERC). Sept. 4-11, 2004, **Cairo, Egypt**
11. Multinational approaches to enhance goat production in the middle east. 3^{ed} Workshop. June 18- 23, 2005. **Lemasol, Cyprus**.
12. Regional workshop on recent advances in goat production under arid conditions. Organized by Desert Research Center, Egypt & Food and Agriculture Organization (FAO). 10-13 April, 2006, **Cairo, Egypt**.
13. Multinational approaches to enhance goat production in the middle east. 4th Workshop. October 26- November 1st 2006. **Thessaloniki, Greece**.
14. Eighth Workshop, Technology of Higher Education and Assessment. Jordan University of Science and Technology, September 9 - 13, 1995, **Irbid - Jordan**.
15. Third Workshop, in Measurement and Evaluation in Higher Education. Jordan University of Science and Technology, January 18 - 20, 1997, **Irbid - Jordan**.
16. The 24th workshop in Designing a faculty development program. Jordan. University of Science and Technology, June 18 - 21, 2001, **Irbid- Jordan**.
17. The 3^{ed} workshop in meeting management. Jordan University of Science and Technology, February 22 - 26, 2006, **Irbid- Jordan**.
18. Study visit related to the European Association of Establishments for Veterinary Education (**EAEVE**) evaluation for veterinary education. The overall objective of the visit was to get recognition from the EAEVE. Three veterinary schools were visited in the UK (**Royall College of Veterinary Medicine in London, Royall (Dick) School of Veterinary Studies in Edinburgh**, and the **School of Veterinary Medicine, University of Bristol**). During this visit we got some useful information about assessment curriculum management, quality assurance, and preparing for accreditation visitation and the self evaluation report for accreditation.
19. Advances in food security and safety against terrorist threats and natural disasters workshop. The NATO Science for Peace and Security Programme. April 11-15, 2010, **Cairo-Egypt**.
20. Workshop on Strategic Planning for Establishing National Residues Monitoring Program. organized by the European Commission's DG Enlargement within the framework of the TAIEX Instrument. **Amman-Jordan** 21-22,11, 2012.
21. Self-Evaluation of Academic Programs training course. Academic Development and Quality Assurance Center, JUST, Irbid-Jordan, June 20,2013.
22. European higher education system/ The Bologna Process. In cooperation with Rome-Sapienza university. JUST, July 9/2013.

X. SHORT-TERM VISITING PROFESSOR

- Purdue University, IN, USA
- Langston University, OK, USA
- Oklahoma State University, OK, USA
- Royal Veterinary Collage, London, UK
- University of Edinburgh, Edinburgh, UK
- University of Bristol, Bristol, UK
- University of Bologna, Bologna, Italy
- Rajamangala University of Technology, Thailand

XI. AWARDS

- Erasmus Mundus scholarship Award 2010/2011
- The Arab Fund Distinguished Scholar Award 2013-2014
- Ministry of Education Scholarship Award 1980-1985
- Ministry of Higher education Scholarship Award 1986-1991

XII. CONFERENCES ATTENDED:

1. Third Congress of Bioantioxidants. **Moscow**, July 10-15, 1988 (*Lecturer*)
Title: The Antioxidant System in New born Calves
2. First Congress of Veterinary pharmacology, **St.Petersburg**, December 20-23, 1989
3. Fifth Congress of Arab Veterinarians. **Khartoum, Sudan**, January 12-16, 1992
4. Seventh Arab and Mediterranean Congress of Veterinary Medicine. **Tunisia**, May 27 - 30, 1996
5. The 23ed Pan-Arab Veterinary Congress, **Cairo, Egypt**, March 23-26, 1997 (*Lecturer*).
Title: Efficacy of closantel plus albendazol liquid suspension against natural infections of gastro-intestinal parasites in camels and horses in Jordan
6. The 4th Conference of the O.I.E Regional Commission for the Middle East. **Amman - Jordan**, September 22 - 25, 1997 (*Technical Observer*). *Title: Equine health status in the middle east.*
7. Third annual meeting for animal production under arid conditions (Camel production and future perspectives). Organized by The United Arab Emirates University, Faculty of Agricultural Sciences, Animal Production Department. **Al-Ain, United Arab Emirates**. May 2 - 3, 1998.
8. 1st International Conference on Sheep and Goat Diseases and Productivity. Faculty of Veterinary Medicine, **Irbid, Jordan**. October 23-25, 1999.
9. XXII World Buiatrics Congress. **Hannover, Germany** 18-22 August 2002.
10. The third International Scientific Conference. The role of veterinary medicine for community. Faculty of Veterinary Medicine – Mansoura University, in cooperation with University of Rome – Italy. **Mansoura, Egypt**, April 29 -30, 2003
11. The third European Veterinary Emergency and Critical care Society Annual meeting. **Lyon, France**. June 11-13, 2004.
12. The 29th Annual Fall Conference for Veterinarians and Veterinary Technicians.Purdue University, School of Veterinary Medicine. Conference Center, **West Lafayette, Indiana. USA**. September 15-17, 2004.

13. International Conference on Small Ruminant Production and Health in Arid and Semi-Arid Regions. Sultan Qaboos University. **Muscat, Oman** January 26-28, 2008.
14. The Second Conference of the International Society of Camelid Research and Development **Djerba, Tunisia**: 11th-14th March, 2009
15. Advances and Controversies in B-Vitamins and Choline. **Leipzig, Germany**: 5-8 march 2012
16. The International veterinary Symposium entitled "progress and prospective in veterinary Medicine". **Iasi, Romania**: 7-8 June 2012.
17. Ecology & Safety 22nd International Symposium, **Sunny Beach, Bulgaria**, 7–12 June 2013.
18. The LXVIII National Congress of the Italian Society of Veterinary Sciences (SISVET). **Pisa, Italy**, 16-18 June 2014.
19. Simpozion Științific Internațional "Animal health and human welfare". **Chișinău, Moldova** between 10-16 September 2015.
20. 4th International Conference Agriculture & Food, **Elenite Holiday Village, Bulgaria** (20–24 June 2016).

XI. PUBLICATIONS

1. Nihaya A. Al-sheyab' **Khaled M. Al-Qudah** , Yahya R. Tahboub. (2015). Levels of Perfluorinated Compounds in Human Breast Milk in Jordan: the Impact of Socio-demographic Characteristics. Environmental Science and Pollution Research. (Accepted). *Manuscript, Available online 23 April 2015*
2. Sara Armorini, **Khaled Mefleh Al-Qudah**, Alberto Altafini, Anna Zaghini, Paola Roncada. Biliary ochratoxin A as a biomarker of ochratoxin exposure in laying hens: An experimental study after administration of contaminated diets. Research in Veterinary Science. *In Press, Accepted Manuscript, Available online 6 March 2015*
3. Noemi Romagnoli, **Khaled M. Al-Qudah** , Francesca Sori, Carlotta Lambertini, Anna Zaghini, Alessandro Spadari, Paola Roncada (2015). Partitioning of romifidine in horses red blood cells after single venous injection. Journal of Veterinary Pharmacology and Therapeutics. (submitted).
4. Alekish M, O; **Al-Qudah, K. M**, Al-Saleh A (2013). Prevalence of antimicrobial resistance among bacterial pathogens isolated from bovine mastitis in northern Jordan Revue Méd. Vét., 2013, 164, 6, 319-326
5. **Al-Qudah, K.M** ; Zuhair Bani Ismail (2012). The Relationship between Serum Biotin and Oxidant Antioxidant Activities in Bovine. Research in Veterinary Science. 92: 138–141
6. **Al-Qudah, K.M**. Oxidant and antioxidant profile of hyperketonemic ewes affected by pregnancy toxemia. Veterinary Clinical Pathology. 40/1 (2011) 60–65.

7. Taha M. Rababah, Khalil I. Ereifej, Mohammad N. Alhamad, **Khaled M. Al-Qudah**; ,Laith M. Rousan, Majdi A. Al-Mahasneh, Al-u'datt H. Muhammad, Wade Yang. (2010). Effect Of Green Tea and Grape Seed and TBHQ on Physicochemical Properties of Baladi Goat Meats. **International Journal of Food Properties**, 14:1208–1216, 2011.
8. **Al-Qudah K. M**; Ahmad Gharaibeh; Maysa'a Al-Shyyab. (2010). Trace Minerals Status and Antioxidant Enzymes Activities in Calves with Dermatophytosis. **Journal of Biological Trace Element Research**. 136 (1): 40-47.
DOI 10.1007/s12011-009-8525-4
9. **Al-Qudah, K. M.** (2010). Oxidative stress resulting from subclinical nitrite poisoning in cattle. **Toxicological and Environmental Chemistry Journal**. 92:2, 351-358.
DOI: 10.1080/02772240902828395
10. **Al-Qudah, K. M. (2009)**. Oxidative Stress in Calves with Acute or Chronic Bronchopneumonia. **Revue de Médecine Vétérinaire**. 160, 5, 231-236
11. **Al-Qudah, K. M.**, Rousan, L. M. and Ereifej, K. I.(2009)'Nitrate/nitrite poisoning in dairy cattle associated with consumption of forages irrigated with municipally treated wastewater,**Toxicological & Environmental Chemistry**,91:1,163 — 170.
12. **Al-Qudah, K. M.** Higher lipid peroxidation indexes in horses eliminated from endurance race because of synchronous diaphragmatic flutter (Thumps). (2008).**J. Equine Veterinary Science**. 28 (10): pp. 573-578. doi:10.1016/j.jevs.2008.08.007
13. **Al-Qudah, K. M**, Al-Majali, A.M, Obaidat M. M. (2008). A study on pathological and microbiological conditions in goats in slaughterhouses in Jordan. **Asian Journal of Animal and Veterinary Advances**. 3 (4): 269-274
14. Al-Majali, A. M; **Al-Qudah, K. M**; Al-Tarazi, Y. H; Al-Rwashdeh, O. F. Risk factors associated with Camel Brucellosis in Jordan. **Trop Anim Health Prod** (2008) 40:193-200. DOI 10.1007/s11250-007-9080-7
15. Zuhair Bani Ismail; Ahmad M. Al-Majali; **Khaled Al-Qudah**. (2007). Clinical and Surgical Findings and Outcome Following Rumenotomy In Dairy Cattle Affected with Chronic Rumen Tympany. **American Journal of Animal and Veterinary Sciences**. 2(3): 66-71
16. **Khaled Al-Qudah**, Ahmad M. Al-Majali, Zuhair Bani Ismail (2006). Epidemiological Studies on Caprine Arthritis-Encephalitis Virus Infection in Different Breeds of Goats in Jordan. **Small Ruminant Research**, 66: 181-186.
doi:10.1016/j.smallrumres.2005.09.020
17. Rousan LM, Ereifej KI, **Al-Qudah KM**. Variation of chemical composition of milk and fresh cheddar and white chees made from bulk cow, goat and sheep milk during

three lactation periods. **Proceeding Workshop on Recent Advances in Goat Production Under Arid Condition.** Cairo, 2006, *p.p.* 227-232.

18. Rousan LM, Ereifej KI, **Al-Qudah KM.** Organoleptic characteristics of traditional goat milk products manufactured using different starter cultures. *Proceeding Workshop on Recent Advances in Goat Production Under Arid Condition.* Cairo, 2006, *p.p.* 175-181.
19. **Khaled Al-Qudah,** Ahmad M. Al-Majali (2006). Status of biochemical and antioxidant variables in horses before and after long distance race. **Revue de Médecine Vétérinaire.** 157, 6: 307-312.
20. EL-Maghraby HM ; **Al-Qudah K.** (2005). Sedative and Analgesic Effects of Detomidine in Camels (*Camelus dromedaries*). **Journal of Camel practice and Research.** Volume 12, Issue 1, p 41-45.
21. **Al-Qudah. K.M,** Sharif. L.A, Raouf. R.Y, Hailat N.Q, Al-Domy F.M. (2004). Seroprevalence of Antibodies to *Chlamydia abortus* in Awassi Sheep and Local Goats in Jordan. *Vet. Med.-Czech,* 49, (12): 460-466).
22. Al-Majali, A.M; **Al-Qudah, K. M.** (2004) Seroprevalence of *Bartonella henselae* and *Bartonella quintana* infection in children from central and northern Jordan. *Saudi Medical Journal.* 25(11): 1664-1669
23. **Al-Qudah, K.M;** Al-Majali, A.M. (2003). Bacteriologic studies of liver abscesses of Awassi sheep in Jordan. *Small Ruminant Research.* 47 249-253.
24. Al-Rawashdeh, O.F; Al-Ani, F.K; Sharrif, L.A; **Al-Qudah, K.M;** Al-Hami, Y.M; and Nicholas Frank. (2000). A survey of camel (*Camelus dromedarius*) diseases in Jordan. *Journal Zoo and Wildlife Medicine.* 31(3):335-338.
25. Al-Rawashdeh, O. F; **Al-Qudah, K.M.** (2000). Effect of shearing on the incidence of caseous lymphadenitis in Awassi sheep in Jordan. *J. Vet. Med. B* 47, 287-293.
26. Al-Rawashdeh, O.F; Sharif, L.A; **Al-Qudah, K.M;** Al-Ani, F.K. (1999). *Trypanosoma evansi* infection in camels in Jordan. *La Revue d'élevage et de Médecine Vétérinaire des Pays Tropicaux.* Vol.52, No. 3-4, p. 233-237.
27. **Al-Qudah, K. M;** Sharrif. L. A, and Al-Ani, F. K. (1999). Efficacy of closantel plus albendazole liquid suspension against natural infections of gastro-intestinal parasites in camels and horses in Jordan. *Veterinary Parasitology.* 1556, p 1- 7
28. Al-Ani, F. K; Khamas, W. A; **Al-Qudah, K. M.** Al-Rawashdeh O. F. (1998). Occurrence of congenital anomalies in Shami-breed goats: 211 cases investigated in 19 herds. *Small Ruminant Research.* (28), p 225 - 232.

29. **Al-Qudah, K.** (1998). Prophylaxis of antioxidant insufficiency in newborn calves. *Pakistan Veterinary Journal*.18 (3): 130 - 133.
30. Sharrif. L. A; Al-Rawashdeh, O.F; **Al-Qudah, K. M**, and Al-Ani, F. K. (1998). Prevalence of gastro-intestinal Helminthes, hydated cysts and Nasal myiasis in camels in Jordan. Proceeding of the third annual meeting for animal production under arid conditions. The International Conference on Camel Production and Future Perspectives. Al-Ain, United Arab Emirates. Vol. 2 p.109-114.
31. Hailat,N; Al-Daraji,A; Lafi, S; Barakat, S; Magreby, H; **Al-Qudah, K**; Gharaibeh, S; Rousan, M and Al-Smadi, M. (1998). Pathology of the rumen in goats caused by plastic foreign bodies in Jordan with reference to its prevalence and evidence of partial degradation. *Small Ruminant Research*. 30; 77-83.
32. Sharrif. L. A; **Al-Qudah, K. M**, and Al-Ani, F. K. (1997). Prevalence of gastro-intestinal parasites in one-humped camels (*Camelus dromedarius*) in Jordan. *Journal of Camel practice and Research*. Vol 4 No 1, p 67 - 69.
33. Al-Ani, F. K; **Al-Qudah, K. M**; and Karim, K. A. (1997). Experimental Studies on *Pasteurella Mastitis* in Ewes. *Large Animal Practice*. Vol.18, NO 1: 30- 32.
34. **Al-Qudah, K. M**; Al-Rawashdeh, O. F; Abdul-Majeed, M and Al- Ani, F. K.(1997). An epidemiological investigation of rabies in Jordan. *Acta Veterinaria*. Vol. 47, No.2-3: 129 – 134
35. **Al-Qudah, K. M** (1996). Determination of the Antioxidant activity and lipid peroxidation on blood serum of diarrheic newborn calves. *Pakistan Journal of Scientific Research*. Vol. 48, No 3-4, p 93 - 97.
36. **Al-Qudah, K. M**; Greve. J. H; and Wass. W. M. (1995). *Dictyocaulus Viviparus* in an Iowa dairy cow. *Iowa State Veterinarian*, Vol. 57, No. 1: p.10-13
37. **Al-Qudah, K. M**; Wass, W. M; Niyo, Y; and Kluge, J. (1994). Selenium responsive dermatosis in cattle, a report on two cases. *Iowa State Veterinarian*, Vol. 56, No. 2, p. 78-80.
38. **Al-Qudah, K. M.** (1990). Influence of PDE and cell therapy on the antioxidant system in newborn calves. *New Veterinary medicaments*. Kishinev; (3) 27 - 33.