

# SALAH ABDULAZIZ MOHAMMED AL-SHAMI

Professor of Animal Behavior and Production

---

President of the Saudi Veterinary Medical Society  
WVA Councilor for Middle East and North Africa



## Personal data

---

### Address:

King Faisal University

College of Veterinary Medicine

Department of Public Health

P.O. Box 400 Al Hufuf – 31982 Saudi Arabia

Nationality: Saudi

Telephone: 00966504921045

Mobile:                      Email:    [salshami@hotmail.com](mailto:salshami@hotmail.com), [salshami@kfu.edu.sa](mailto:salshami@kfu.edu.sa)

[Inf@svms.org.sa](mailto:Inf@svms.org.sa)

## Roles and Responsibilities

- Teaching (lectures, Lab., and farm supervision), and all exams and testing duties to both undergraduate and graduate students of the following, subjects:

1- Fundamentals of Animal Production.

2- Animal Behavior.


3- Animal management

Candidate shares and participates actively in the following scientific activities:

1- Teaching and exam duties of the preciously mentioned courses to undergraduate and graduate students .

2- Teacher, supervisor and examiner committee member of Master and PH. D. students at college of Veterinary Medicine.

3- Research consultant of scientific research data to staff members at University colleges, and scientific research centers for animal and poultry production.

- 
- 4- Preparing and designing simple training courses on animal and poultry production for beginner and interested breeders, being arranged by National Developing Projects (Rural and domesticated areas).
  - 5- Principal investigator and vice - principal investigator of some research projects for genetic improvement through traditional selection and recent biotechnological programs).
  - 6- Practical training of under - graduate and graduate students in animal production farms and companies.

**Animal and poultry breeding consultant:**

- a- Periodical evaluation for milking cows and sires after computing the breeding value for each cow and sire using the different microcomputer breeding programs.
- b- Responsible for evaluating management programs for dairy farms (milking, services, fattening, veterinary care, calving, and culling).

**ADMINISTRATION ACTIVITIES, COMMITTEES & COMMUNITY SERVICE:**

**A - ADMINISTRATION RECORD:**

- 1 - Vice-Dean for Academic Affairs, 11-9-1423-to1427, 2002 – 2006.
- 2 - Head of Department of Veterinary Public Health & Animal Husbandry, 19-12-1422 - UP to.1432 H.
- 3 - Chairman, Laboratory Animal House, at college of veterinary medicine 1421-1427. 7
- 4- Supervisor of the Department of Scholarships at King Faisal University, 1440-1442. Member, Student Evaluation Committee, 1422-1427.
- 5- Convener, Collage Board, 1423-1427.
- 6- Member, University Permanent Academic Committee, 1423-1426.
- 7- Member of SABIC Committee for Evaluation of Research Projects presented to the Deanship of Scientific Research at KFU, 2007 to date.
- 8- Member, Scientific Council, king Faisal University, 24/1/1429 H.
- 9- Vice-Dean of Scientific Research Deanship at king Faisal University, 1428 up to 1432 H.
- 10- Member, Scientific Research Deanship Council, Prince Norah Bint Abdurhman University, 1431-1433
- 11- Dean of Library affair at king Faisal University, from 1435 to 1439 H.

- 12- Dean of Graduate Studies at King Faisal University, 1439 to 1442 H.
- 13- Member of the High Committee for the Development of Graduate Programs at King Faisal University 2017
- 14- Member of the High Committee for the Development of Scientific Research at King Faisal University 2018.
- 15- Member of the Founding Committee for the establishment of the list of central laboratories at the university 2016.
- 16- Chairman of the Committee on the Development of Executive Rules at King Faisal University from the Unified List of Graduate Studies in Saudi Universities 2017.
- 17- Member of the Committee and Vice-Chairman of the Committee on The Development of Financial Controls for Graduate Programs 2018.

### **C - COMMUNITY SERVICE:**

- 1 - Head of College Community Services Committee, 1421-2000.
- 2 - Chairman, College participation group in Kingdom of Saudi Arabia Project for Usefulness of Meats from Scarified animals of AL-Hadi and Adahi, 1421 &1422.

### **Qualifications**

- Bachelor of veterinary medicine & A.R., King Faisal University (KFU), 1411H-1991.
- Master of veterinary Medicine (M.V.Sc.), University of Wales, U.K., 1416H-1995.
- Doctor of philosophy (Behavior and Production of Farm Animals), University of Wales, U.K. 1420H- 2000.
- Title of Ph.D. Dissertation: "Observations on the Foraging Behaviour of Sheep Using a High-Level Feeder Technique".

### **EMPLOYMENT RECORD**

<b>Title or Status</b>	<b>Name &amp; Address Employer</b>	<b>Date</b>
Professor	Dept. of Vet. Public Health and Anim. Husbandry, College of Veterinary Medicine and Animal Resources, KFU	1430 H. 2010
Associate Professor	Dept. of Vet. Public Health and Anim. Husbandry, College of Veterinary Medicine and Animal Resources, KFU	9//11 1425 H
Assistant Professor	Dept. of Vet. Public Health and Anim. Husbandry, College of Veterinary Medicine and Animal Resources, KFU	19-02-1421H 2000
Postgraduate Studies	University of Wales, U.K.	1414-1421 1993- 2000
Demonstrator	Dept. of Vet. Public Health and Anim. Husbandry, College of Veterinary Medicine and Animal Resources, KFU	1412-1421 1991-2000

## **RESEARCH AREA OF INTEREST (Scientific school)**

The candidate follows the scientific school that fervors, animal behaviour and production, animal nutrition especially effect of feed deficiency on the behaviour and production traits of animal, animal breeding and improvement of productive and reproductive traits for both animals and poultry, especially the native ones.

## **MEMBER IN SOCIETIES**

- 1- Chairman of Saudi Veterinary Medical Society 2019
- 2- Expected a member of world veterinary association by end of 2021
- 3- Member, Saudi Veterinary Medical Society 2003.
- 4- Member, International Society of Camelid Research and Development (ISOCARD) 2006.
- 5- Member, Saudi Biological Society 2001.
- 6- Member, British Society of Animal Science 1996.

## **Published Books**

Color Atlas of Animal and Poultry Behavior, Mohamed A. Mohamed and Salah A. AL-Shami, amazon.

## **ACADEMIC SCHOLARSHIP, HONORS & AWARDS**

- 1- Granted from King Faisal University to study for MSc. and PhD. in the U.K., 1413-1420.
- 2- Grant to participate in training course in transmission electron microscope, JEOL, Japan, 2002.
- 3 - Grant to participate in training course in scanning electron microscope, JEOL, Japan, 2002.


## **TEACHING COURSES FOR GRADUATE & UNDERGRADUATE STUDENTS**

Teaching (lectures, Lab., and farm supervision), and all exams and testing duties to both undergraduate and graduate students of the following, subjects:

### **Undergraduate Students:**

- 1 - Animal Behavior. And Animal husbandry
- 2 - Fundamentals of Animal Production.

### **Postgraduate Students:**

- 
- 1 - Animal Behavior.
  - 2 - Fundamentals of Animal Production.
  - 3 - Supervision of thesis and Dissertation writing.
- 

#### **PARTICIPATION IN SCIENTIFIC CONFERENCES AND SYMPOSIA**

- 1 - Annual Meeting of British Society of Animal Science, U.K., 1996.
- 2 - Annual Meeting of British Society of Animal Science, U.K.1998.
- 3 - First Postgraduate Studies Symposium of Saudi University, King Abdulaziz University, Jeddah, 2001.
- 4 - Saudi Biological Society Meeting, King Khalid University, Abha, 2002.
- 5 - Conference of Arabic Medical Veterinary, Cairo University, Egypt, 2003.
- 6 - The 5th Congress of Scientific Research Outlook in the Arab World, 26-30 October 2008 Fez-Morocco.
- 7 - 2nd Regional Research Seminar for Arab States “The Impact of Globalization on Higher Education and Research in the Arab States”, 25th – 26th May 2007 Rabat, Morocco.
- 8 -Second conference for planning and developing education and scientific research in the Arab countries King Fahd University of Petroleum and Minerals 17-20 0 2008.
- 9- Problem analysis and decision-making course at the Institute of Management1425.
- 10- Casablanca Book Fair 2014,
- 11- Qatar Specialized Libraries Association Conference.
- 12 - Frankfurt International Book Fair 2014
- 13- A member of the Committee - Training course on publishing in Turkey 2014/11/ 4-2014/11/6.
- 14- Library services measurement course using Libqual+ and the future role of libraries in the production of information Bahrain 1436/3/17 H
- 15- Meeting of deans of libraries in Saudi universities in King Abdul Aziz House 1 415Th 1435H17-18 November 2013.
- 16 - Riyadh International Book Fair 2014 Committee.
- 17 - Cairo International Book Fair 2014 Committee.

18 - Sharjah International Book Fair 2014 Committee.

19 - Cairo International Book Fair 2015, Chairman of the Committee .

20- 16th Meeting of the Committee of Deans of Library Officials in Dammam 23-1435/6/24 H. 21-17<sup>th</sup> Meeting of the Committee of Deans of Library Officials at Jazan University 27-1436/4/28 H.

22- Riyadh International Book Fair 2015, 13-1436/5/23 H Chairman of the Committee.

23 - 21st Annual Meeting and Exhibition in Abu Dhabi for scholarship 17-2015/3/19

## **Scientific and advisory services**

1. Arbitration of scientific books and research book projects (Deanship of Scientific Research King Faisal University).

2- Arbitration of scientific research deanship of scientific research King Faisal University and scientific journal.

3- Member of the General Department of Research Grants in King Abdulaziz City of Science and Technology within the base of researchers and arbitrators

## **Selected publications**

1. Elbaz, A.M.; Althagafi, H.; Samy, A.; Arafa, A.S.; Abdelhady, A.Y.; Elkanawaty, A.M.; Alwutayd, K.M.; Shousha, S.; Hereba, A.M.; Sheikh, A.I.E.; Salah Abdulaziz AL-Shami , Sherief M. Abdel-Raheem, Mahmoud HA Mohamed, Mohammed Al-Rasheed , Ahmed Ateya ,and Mohamed Marzok (2025): Nano-Encapsulated Cumin Oil and Bacillus subtilis Enhance Growth Performance, Immunity, Oxidative Stability, and Intestinal Integrity in Growing Rabbits Under High Ambient Temperature. Vet. Sci. 2025, 12, 1039. [https://doi.org/ 10.3390/vetsci12111039](https://doi.org/10.3390/vetsci12111039)
2. Althagafi H, Almamoory HA, Abdelhady AY, Sallam MG, Mohamed MH, Al-Rasheed M, Ateya A, Al-Shami SA, El Sheikh AI, Abdel-Raheem SM, Salouci M. (2025): Early feeding with hydrogel nutrients modifies cecal microbiota, immunity, gene expression, and improves growth performance in ostrich chicks. Poultry Science. 2025 Oct 26:106025.
3. Wahdan, A., Ezzat, M., Emam, A., Hussein, W. A., Abou El-Atta, M., Abd-Allah, E. M., Meligy, A. M. A., Abdel-Raheem, S. M., Almathen, F., ***Al-Shami, S.***, et al. (2025). One Health monitoring of resistant *Pseudomonas aeruginosa* in aquatic, poultry, and human

sources: Virulence traits and blaSHV gene tracking. Pathogens, 14(10), 983.  
<https://doi.org/10.3390/pathogens14100983>


4. Abdel-Raheem, S.M., Khodier, S.M., Almathen, F., Hanafy, A.S.T., Abbas, S.M., Al-Shami, S.A., Al-Sultan, S.I., Alfifi, A. and El-Tarabili, R.M., 2024. Dissemination, virulence characteristic, antibiotic resistance determinants of emerging linezolid and vancomycin-resistant Enterococcus spp. in fish and crustacean. International Journal of Food Microbiology, 418, p.110711.
5. El-Magd, M.A., Fathy, A., Kahilo, K.A., Saleh, A.A., El Sheikh, A.I., Al-Shami, S. and El-Komy, S.M., 2021. Polymorphisms of the PRLR gene and their association with milk production traits in Egyptian Buffaloes. Animals, 11(5), p.1237. Mohamad Abdulmohsen, Salah Abdulaziz Al-Shami, Saad Al-Sultan and Marzouk Al-Eknh Evaluation of mating and the causes of noises at night in small dromedary camel herds. Emirates Journal of Food and Agriculture. 2018. 30(8):709-714 doi: 10.9755/ejfa.2018.v30.i8.1751.
6. Salah Abdulaziz Al-Shami, Nagwan El- Habashi, Mohamed A. Mandour , Yehia Ahmed Hussein and Marzook Mohamed Al-Eknh, 2015. The potential effect of camel milk and urine against CCL4 - induced lesions in male rats. Journal of Animal and Veterinary Advances. Volume: 13 | Issue: 20 | Page No.: 1160-1166. DOI: 10.3923/javaa.2014.1160.1166.
7. Salah Abdulaziz Al-Shami, Nagwan El- Habashi, Mohamed A. Mandour , Yehia Ahmed Hussein and Marzook Mohamed Al-Eknh, 2015. The potential effect of camel milk and urine against CCL4 - induced lesions in male rats. Journal of Animal and Veterinary Advances. Volume: 13 | Issue: 20 | Page No.: 1160-1166. DOI: 10.3923/javaa.2014.1160.1166.
8. Mandour, M.A.; S.A. Al-Shami and Y.A. Hssein (2012). Effect of Feeding Graded Levels of Urea on Growing New Zealand White Rabbit Performance. Global Veterinaria, Volume 9 Number (6), 761-768.
9. Fouda, T.A.; Mandour, M.A. and El-Shami, S.A. Effect Of Urea As Non-Protein Nitrogenous Substance On The Rumen Microbial Ecosystem In Fattening Lambs. Journal of Animal Research, 2(1) 2012

10. Al-Shami S.A., M.A. Mandour and Fouda, T.A. Effect Of Urea As Non-Protein Nitrogenous Substance On Blood Cellular and Biochemical Parameters In Fattening Suakin Lambs. Journal of Animal Research, 2(1) 2012
11. Hussein, Y. A.; M. M. Al-Eknah; S. A. Al-Shami; M. A. Mandour; T. A. Fouda. Coat Color Breed Variation In Blood Constituents Among Indigenous Saudi Arabia Camel Strains. Mansoura, Vet. Med. J. Vol. XIV, No. 1, 2012
12. Mandour, M. A.; Al-Shami, S. A.; Al-Eknah, M. M. and Fouda, T. A. Effect Of Heat Stress On Milk Production Traits Of High Producing Holstein Cattle In Semi-Arid Environment. Mansoura, Vet. Med. J. Vol. XIV, No. 1, 2012
13. Al-Shami, S.A., Fouda, T.A.; and Mandour, M.A.(2012). Comparative Study On The Effects Of Urea And Live Yeast Culture On The Rumen Fluid Characteristics And Performance Of Fattening Lambs.(Under Press, Small Animal Research)
14. Fouda, T.A.; Mandour, M.A. And Al-Shami, S.A. (2012). Effects Of Sulphur Supplementation On The Rumen Microbial Ecosystem In Faunate And Fauna-Free Suakin Lambs. (Under Press, Small Animal Research)
15. Mandour, M. A.; S. A. Al-Shami, M. M. Al-Eknah, Y. A. Hussein, and I. Ashmawi (2012). The Acute and Long-Term Safety Evaluation of Aqueous, Methanolic and Ethanolic Extracts of Achillea fragrantissima. (Under Press, African Journal of Pharmacy and Pharmacology).
16. Mandour, M. A., S. A. Al-Shami, and M. M. Al-Eknah (2012): Effect of Feeding Probiotics (BIO-NUTRA ) on Growth and Carcass Traits of Saudi Arabia Sheep The 7th Congress, Faculty of Veterinary Medicine – Sadat City, Egypt 24 – 27 /4/2012
17. Al-Shami, S.A.; Mandour, M.A. and Fouda,T.A.; Effect Of Urea As Non-Protein Nitrogenous Substance On Blood Cellular and Biochemical Parameters In Fattening Lambs. JOURNAL OF ANIMAL RESEARCH Print ISSN No : June, 2012
18. Fouda,T.A.; Mandour, M.A. and Al-Shami, S. A. Effect Of Urea As Non-Protein Nitrogenous Substance On The Rumen Microbial Ecosystem In Fattening Lambs. JOURNAL OF ANIMAL RESEARCH Print ISSN No : June, 2012



19. T.A. Mohammed ; AL-Shami, S.A, and M. A. Mandour (2010): Effect of Season of Year and Time of Day on Water and Feed Consumption by Local and Foreign Breeds. المؤتمر الخامس والعشرين لعلوم الحياة السعودية
20. Mandour, M. A.; S. A. Al-shami, and Al-Tabari, G (2009): The Effect of Feeding Probiotics on the Productive Performance of Saudi Arabia Sheep Breeds during Fattening. Mansoura Veterinary Medical Journal Vol. XI, No. 1, 87 – 103.
21. AL-Shami, S.A. and T.A. Mohammed, (2009): Effect of replacement of barley grains by wasted Bread Crumbs or Rejected dates on growth performance and carcass traits of growing rabbits. Pakistan Journal of Nutrition 8 (1): xx-xx,
22. AL-Shami, S.A. (2009): Comparative determination of serobiochemical constituents in indoor and free grazing camels. Journal of Animal and Veterinary Advances.
23. Homeida, A.M. and S. A. AL-Shami, (2009): Urinary urea elimination following feeding of low and high diets containing urea in camels (*Camelus dromadarius*). Journal of Animal and Veterinary Advances.
24. Mandour, M. A.; S. A. Al-shami, and Al-Tabari, G., (2009): The Effect of Feeding Probiotics on the Productive Performance of Saudi Arabia Sheep Breeds during Fattening. Mansoura Veterinary Medical Journal Vol. XI, No. 1, 87 – 103.
25. Mosaad Abd El-Khalek Soltan and S. A. AL-Shami, (2009): Effect of partial replacement of berseem hay by corn stalk without or with calcium salts of fish oil on rumen fermentation, productive and reproductive performance of early lactating cows. International Journal of Dairy Science.
26. AL-Shami, S. A. (2008): Libido score system and testosterone concentration changes in Hassawi bulls. Alexandria Journal of Veterinary Science (2008), 27: 1-6.
27. AL-Shami, S. A. (2007): Comparative hematological and blood bio-chemical components in milk-fed and conventionally-reared Hassawi breed calves. Scientific Journal of King Faisal University: 8 (2): 99-106
28. AL-Shami, S. A. (2007): Effect of feeding hay supplemented with concentrates on feedlot and reproductive performance of prepubertal Hassawi heifers. Journal of Animal and Veterinary Advances: 6(1), 26-28.

29. AL-Shami, S. A. (2007): Effect of feeding urea-treated wheat straw on rumen environment in Awassi sheep. Scientific Journal of King Faisal University.
30. AL-Shami, S. A. and AL-Sultan S. I., (2006): Effect of treating wheat straw with urea on its crude protein content. Journal of Animal and Veterinary Advances; 5(5): 440-442.
31. Altabari, G. and S. A. AL-Shami , (2006): The effect of washing and packing of the sacrificial meat on the level of microbial contamination (In Arabic). Scientific Journal of King Faisal University, 7(2): 15-34.
32. Gassan F. Al-Tabri , S. A. AL-Shami and Adel I. AL-Afaleq, (2005): The Project of Kingdom of Saudi Arabia for the Utilization of Hadi and Sacrificial Meat: Achievement and Solidarity (in Arabic).
33. ٢٩٣-٢٦١ هـ الإسلامية الثقافة عاصمة المكرمة مكة اختيار بمناسبة خاص ، عدد فيصل الملك لجامعة العلمية المجلة.
34. - AL-Shami, S. A., Teleb H. and Hamdy, A. M., (2004): Effect of different plains of nutrition on performance and meat quality of Najdi lambs artificially infected with *Haemonchus contortus*. Assiut Vet. Med. J., 50.
35. AL-Shami, S. A. (2003): Stress status in sheep of Hadi and Adahi (In Arabic). Scientific Journal of King Faisal University. accepted: (6) 47-52.
36. AL-Shami, S. A. (2003): Estrous behaviour and hormonal pattern during reproductive cycle of Hassawi cow. Alexandria Journal of Veterinary Science, 19: 93-100.
37. AL-Shami, S. A. (2003): Studies on normal haematological and biochemical parameters of Hassawi cattle breed in Saudi Arabia. Pakistan Journal of Biological Sciences , 6: 1241-1242.
38. AL-Shami, S. A., Yehia A.Hussein and Y.A. Radwan, (2003): Effect of organophosphorus toxicosis on the activity of rumen fluid of Saudi adult goats. Alexandria journal of Veterinary Science, 19: 49-54.
39. Hamdy, M. and AL-Shami, S. A. (2003): Animal welfare is an Islamic and veterinary requirement for prevention of infectious disease during Hajj season. Symposium of Zoonotic Diseases and their Effect on Livestock Market and Pilgrims Health, The Custodian of the Two Holy Mosques Institute of Hajj Research, Umm AL-Qura university.
40. Mohammed, T.A. and AL-Shami, S. A. (2003): Camel (*Camelus Dromedarius*) environment and grazing behavior (In Arabic). Journal of Science & Technology, KACST (2003), No. 68.

- 
41. Mohammed, T.A. and AL-Shami, S. A., (2003): Production characteristics and body dimensions of the Hassawi cattle of Saudi Arabia. *Assiut Vet. Med. J.* , 49: 54-61.
  42. AL-Shami, S. A. and Homeida, A. M. (2001): Experience of the postgraduate studies in College of Veterinary Medicine and Animal Resources-King Faisal University. Symposium on Future Prospective of postgraduate studies in Saudi Universities. King Abdulaziz University, Jeddah.
  43. AL-Shami, S. A., Ap Dewi, I. and Omed, H. (1998): Effects of competition and supplementary feed on the browsing behaviour of Welsh Mountain sheep. Annual Meeting of British Society of Animal Science, (abstract).
  44. AL-Shami, S. A. and Ap Dewi, I. (1995): Reliability of lamb body measurements determined by Computer image analysis. Annual Meeting of British Society of Animal Science, (abstract).
  45. Fatani, A.; M. Hilali, S. Alatiya and S. A. AL-Shami, (1995): Prevalence of Sarcocystis in camels (*Camelus dromedarius*) from Al-Ahsa, Saudi Arabia. *Veterinary Parasitology*, 62: 241-245.