

## **Jamal M. ABO OMAR**

**NAME:** Jamal M. ABO OMAR

**NATIONALITY:** Palestinian

**PROFESSION:** Agriculture Engineering Expert, consultant.

**YEARS IN THE PROFESSION:** 26

**EDUCATION:** **DOCTOR OF PHILOSOPHY IN ANIMAL NUTRITION.** Colorado State University, Fort Collins, Colorado, USA. Fall 1989. Major: Animal Nutrition. Concentration of courses: Animal Production, Biochemistry. Doctoral Dissertation: "Methane Losses by Steers Fed Ionophores Singly or Alternatively".

**MASTER OF SCIENCE IN ANIMAL SCIENCE.** Texas A and M university. Texas, USA. Fall, 1982 Major: Animal Nutrition. Concentration of courses: Animal Production.

**BACHELOR OF ANIMAL SCIENCE.** University of Jordan, Amman, Jordan. June, 1979.

### **KEY QUALIFICATIONS:**

Professor Abo Omar has more than 26 years experience as a Researcher, Consultant, and Agricultural Engineering Expert. He has comprehensive Broad knowledge in the fields of agriculture in general (rural communities) and animal sector and related sciences. Performed research and projects in the fields of RURAL DEVELOPMENT, ANIMAL FEEDING, RATION FORMULATION AND NATIONAL UTILIZATION OF AGRO-INDUSTRIAL BY-PRODUCTS IN LIVESTOCK RATIONS. SERVED AS CONSULTANT FOR SEVERAL LOCAL FEED FACTORIES. A good experience in monitoring and evaluation of emergency and regular projects for the benefit of poor communities. Got a Ph.D. from the Department of Animal Sciences, Colorado State University in 1989. Served as Director of the An Najah National University Rural research Center, Dean of the Faculty of Agriculture at An-Najah National University. Currently he is a Professor at the Department of Animal Production, and chairman of the Master of Science Program in Animal Production, at An-Najah National University. Active member of the Palestinian Agricultural Research Center Board of Trustees (Palestinian Ministry of Agriculture). **Consultant for evaluation of several NGO's projects impact on**

rural communities. Local evaluator of partnership between PARC and the French VSF.

## **COMPREHENSIVE EXPERIENCE:**

### **Professor, 2005**

#### **Dean of the Faculty of Agriculture:**

An Najah National University, 1996-1998.

#### **Chairman of the Animal Production, Department: An Najah National University,**

1992-1996, 2000- 2008.

**SUPERVISOR, of 25 graduate students, Departments of Animal Production and Environmental Sciences, An Najah National University since 1998.**

## **SCHOLARSHIPS, FELLOWSHIPS AND GRANTS:**

### **AMIDEAST SCHOLARSHIP, 1986-1989:**

Provided for my Doctoral Degree. The International Exchange of Scholars sponsored my study at the Colorado State University, Colorado, U.S.A.

### **DAAD SCHOLARSHIP, 1992:**

Allowed me to have a short sabbatical at Witzinhouzen Research Center, Kassel University, Germany.

## **RESEARCH ACTIVITIES:**

- 1. Editor, 2003, the Sheep Manual, a joint activity with several middle east countries.**
- 2. A study on sheep and goats raising in the West Bank, 1984. Rural Research Center, An Najah National University (in Arabic).**
- 3. A study on poultry raising in West Bank, 1985, Rural Research Center, An Najah National University (in Arabic).**
- 4. A study on feed industry in the West Bank, 1985, Rural Research Center, An Najah National University (in Arabic).**

5. **A feasibility study on several livestock branches in West Bank, 1986, Rural Research Center, An Najah National University (in Arabic).**
6. **A study on the feasibility of establishing a tannery in West Bank. 1989, Rural Research Center, An Najah National University (in Arabic).**
7. **A study on the sheep and goats projects in West Bank, 1992, Rural Research Center, An Najah National University (in Arabic).**
8. **A study on using urea in ruminant rations, 1992, Rural Research Center, An Najah National University (in Arabic).**
9. **A study on using growth promoters in fattening animals, 1992, Rural Research Center, An Najah National University (in Arabic).**
10. **A proposal on the utilization of animal wastes, 1996.**
11. **A proposal on the potential of upgrading and use of olive cake in livestock rations, 2001.**
12. **A proposal on establishing a feed factory in West Bank, 1999.**
13. **A proposal on establishing a factory of eggs trays, 2000.**
14. **A study on feed industry in West Bank, 1998, Palestinian Research Center, Nablus, Palestine.**

#### **OTHER ACTIVITIES:**

1. **Active in the research area of utilization of by-products by animals. Founder of the An Najah National University biomass fermenter, 2001. Conduct research in the areas of animal nutrition, management, and production.**
2. **Founder of the feed analysis unit, Department of Animal Production, Faculty of Agriculture, An Najah National University.**
3. **Treasurer of the Agricultural Engineers Association, West Bank. 1996-1999.**

### **Workshops and Seminars:**

1. Member of the organizing committee of the First Agricultural and Biological Conference, May, 1984, An Najah National University.
2. Coordinator of the organizing committee of the Environment Protection Society, 1994.
3. Coordinator of the organizing committee of the First Palestinian Environment Conference, August. 1995, An Najah National University.
4. Organized and participate in the following seminars and study days on:
  - a. Dairy cattle production and nutrition, August, 1992, MAAN Development Center, Jerusalem.
  - b. Poultry projects: raising and nutrition , Sept. 1995, Land research Committee with An Najah National University.
  - c. Feed Industry in West Bank, 2001. American Soybean Association, Amman, Jordan.
  - d. A group of seminars covered different areas of animal production and nutrition, PARC, Ramalla and Nablus Centers.

### **MEMBERSHIP IN PROFESSIONAL SOCIETIES:**

1. American Society of Animal Science
2. Jordan Agricultural Engineers Association
3. International Goats Association.

### **PUBLICATIONS**

#### **Journal Articles:**

1. **Jamal M. Abo Omar.** 1994. Poultry projects in Palestine. Der Tropenlandwirt, 98, Jahrgang. 30-36.
2. **Jamal M. Abo Omar,** K. Johnson and D. E. Johnson. 1994. Visceral organ mass of lambs fed four roughage diets. An Najah J. Res. 8: 157- 172.
3. **Jamal M. Abo Omar.** 1995. Visceral organ mass of lambs fed four levels of olive cake. Islamic University Journal. 3: 171- 180.
4. **Jamal M. Abo Omar** and L. Gavoret. 1995. Performance of Awassi lambs fed different levels of olive pulp. Revue. Med. Vet. 145: 87- 94.

5. **Jamal M. Abo Omar.** 1996. The effect of monensin, lasalocid and a monensin lasalocid rotation on fungal population in the rumen of concentrate and roughage fed steers. *An Najah J. Res.* 4:108-123.
6. **Jamal M. Abo Omar** and M. S. Ishtaya. 1996. Estimation of cattle, sheep and poultry dung. *Islamic University Journal.* 4: 297- 308.
7. **Jamal M. Abo Omar** and N. Mizyed. 1996. Least cost method in ration formulation. *Bethlehem Univ. Journal.* 30: 30-40.
8. Hatem A. Shanti and **Jamal M. Abo Omar.** 1998. Performance of broilers fed medicinal herbs. *Egyptian J. Nutrition and Feeds.* 4: 27- 35.
9. Hatem A. Shanti and **Jamal M. Abo Omar.** 1998. Performance of steers fed a urea treated wheat hay. *Islamic Univ. Journal.* 12: 45-53.
10. **Jamal M. Abo Omar,** H. Shanti and H. Abu Qaoud. 1997. Effect of urea feeding on milk characteristics of Baladi goats. *An Najah J. Res.* 11: 79- 88.
11. **Jamal M. Abo Omar** and R. Aref. 2000. Some quality characteristics of eggs marketed in north of West Bank (Palestine). *Revue. Med. Vet.* 151: 47- 50.
12. **Jamal M. Abo Omar.** 2000. A critical review of the proposed Palestinian agricultural law. Palestine Economic Policy Research Institute (MAS), Ramalla, Palestine.
13. **Jamal M. Abo Omar.** 2000. The effect of different levels of olive pulp on the feed intake and digestibility of broilers. *Bethlehem University Journal.* 19: 97-100.
14. Hatem A. Shanti, **Jamal M. Abo Omar** and R. Aref. 2000. feed industry in Palestine. *Proc. 3<sup>rd</sup> All Africa Conf. Anim. Agric. And 11<sup>th</sup> Conf. Egyptian Soc. Anim. Prod., Alexandria, Egypt, 6-9 November 2000: 373- 378.*
15. Wagdi H. Hammad, **Jamal M. Abo Omar,** R. Aref and Hatem A. Shanti. 2002. Comparison and evaluation of Awassi lambs fattening systems in Palestine. *Egyptian J. Nutrition and Feeds.* 5: 23- 29.
16. **Jamal M. Abo Omar.** 2001. Utilization of corrugated cardboard in fattening rations of Awassi lambs. *Small Ruminant Research.* 42: 169-172.
17. **Jamal M. Abo Omar.** 2002. effects of feeding different levels of sesame oil cake on performance and digestibility of Awassi lambs. *Small Ruminant Research.* 46: 187-190.

18. **Jamal M. Abo Omar**, R. Aref, A. Zazaa and B. Abu Baker. 2003. Broiler utilization of olive pulp diets treated with two antibiotics. *Dirasat*.13:32-40
19. **Jamal M. Abo Omar**.2003. Performance of Awassi lambs fed different levels of by-products silage. *Egyptian J. Nutrition and Feeds*. 7: 50- 59.
20. **Jamal M. Abo Omar**. 2004. Visceral organ mass of broilers fed different levels of olive pulp. *Islamic Univ. Journal*. 14: 49-58.
21. **Jamal M. Abo Omar**. 2004. Energy partition of steers fed ionophores singly or alternatively. *Dirasat*.14:95-102.
22. Adwan K., D. Abu Safya, R. Aref and **Jamal M. Abo Omar**. 2009 The incidence of subclinical mastitis in farms of north of West Bank. *Islamic Univ. Journal*. 14: 63-68.
23. Sbha, R. and **J. Abo Omar**. 2009. Effects of phytase enzyme supplementation on broilers performance. *Hebron University Journal*. 23: 120-128.
24. Hjazi, A. and **J. Abo Omar**. 2009. Effects of feeding different levels of sesame oil cake on milk and cheese yields and composition. *Hebron University Journal*. 23: 133- 139.

Articles accepted for publication:

25. Abo Omar, J., R. Daya and A. Salama. **Effects of different strategies of protein feedings on performance and visceral organ mass of Awassi lambs**. *Rev. Med. Vet. (France)*.
26. Abo Omar, J. and O. Naser. 2011. **Effects of crude protein contents and sources on the growth performance and the visceral organ mass in fattening Assaf lambs**. *Rev. Med. Vet. (France)*.

Articles awaiting for acceptance (under review):

27. Abo Omar, J. and M. Salman. 2011. **Partial Replacement of Barley Grains and Soybean Meal by Fleabane (*Conyza bonariensis*) in Diets of Fattening Awassi Lambs**. *Anim. Feed Sci. And Technol.*
28. Abo Omar, J., R. Daya and A. Salama. 2011. **Effects of Different Types of Olive Cake on the Performance and Carcass Quality of Awassi Lambs**. *Anim. Feed Sci. And Technol.*

**Proceedings, Symposia, and others:**

1. **Jamal M. Abo Omar**, K. Johnson and D. E. Johnson. 1989. Methane losses by steers fed ionophores singly or alternatively. American Society of Animal Science.
2. Rateb Aref and **Jamal M. Abo Omar**. 2000. The incidence of psoroptes on the livestock of Palestine. Zarqa Private University, Zarqa, Jordan.
3. **Jamal M. Abo Omar** and R. Aref. 2001. Visceral organ mass of broilers fed different levels of olive cake. 2<sup>nd</sup> Science Conference. Damascus, Syria.
4. **Jamal M. Abo Omar**. 2000. feed industry in Palestine. American Soybean Association, Amman, Jordan.
5. **Jamal M. Abo Omar**. 2002. American Soybean Association, Istanbul, Turkey.

**Extension publications:**

1. **Abo Omar, J. M.** 1984. Sheep and goats in West Bank and Gaza Strip. Rural Research Center. An Najah National University. Nablus, Palestine.
2. **Abo Omar J. M.** 1985. Poultry farms in West Bank and Gaza Strip. Rural Research Center. An Najah National University. Nablus, Palestine.
3. **Abo Omar J. M.** 1985. Feed industry in West Bank and Gaza Strip. Rural Research Center. An Najah National University. Nablus, Palestine.
4. **Abo Omar J. M.** and Bahaa Eddin Abu Baker. 1988. Feasibility study of establishing a tannery in the West Bank. Rural Research Center. An Najah National University. Nablus, Palestine.
5. **Abo Omar J. M.** 1992. Growth promoters in fattening operations. Rural Research Center. An Najah National University. Nablus, Palestine.
6. **Abo Omar J. M.** 1993. Urea in ruminant rations. Rural Research Center. An Najah National University. Nablus, Palestine.

**Projects:**

1. Low cost feeds for local small ruminants, funded by UNDP, 1999.
2. Rangelands in eastern slopes, master theses, 2003.
3. Grazing systems in the eastern slopes. 2004.

**Disposition :**

- Commitment to fight poverty
- Ability and readiness to adapt to difficult and possibly insecure circumstances
- Flexible and patient
- Creative
- Dynamic and results-driven
- Team worker
- Analytical minded