

## CURRICULUM VITAE

Name : Maen Helmi Samara  
Address : An-Najah National University

Faculty of Agriculture

P.O Box 7

Nablus, Palestine

Tel-Fax: 09-2675891

E-mail : [maensamara@yahoo.com](mailto:maensamara@yahoo.com)

[samaram@najah.edu](mailto:samaram@najah.edu)



### EDUCATIONAL BACKGROUND

<b>Degree</b>	<b>Year</b>	<b>Institution</b>	<b>Major</b>
B.Sc.	1981	The University of Jordan	Animal Production
M.Sc.	1987	The University of Reading	Animal Production
Ph.D.	1994	The University of Tennessee	Animal Science

### EMPLOYMENT HISTORY

<b>Interval</b>	<b>Title</b>	<b>Employer</b>
1995-Present	Assistant Professor	An-Najah National University
1988-1989	Head, Department of	The Palestinian Agriculture

	Animal production	Relief Committee , Jerusalem
1989-1990	Lecturer	Hebron University , Hebron
1984-1986	Technical Manager	Poultry Breeders Coop., Ramallah , Jerusalem
1981-1983	Farm Manager, Broiler breeders	PROVIMI, Jordan

## HONERS AND AWARDS

The British Council Scholarship Award- Duration of Ms. Degree program AMIDEAST  
Scholarship Award- Duration of Ph.D. Degree program

## PROFESSIONAL SOCIETIES

Member of the American Poultry Science Association.

Agriculture Engineers Association

Federation of Animal Science Society.

## RESEARCH EXPERIENCE

### A. Research projects

M.Sc. Research-Examined the effect of phase feeding (amino acid intake) on performance of laying hens.

Ph.D. Research-Examined the effect of feeding system on performance of broiler breeder hens subjected to heat stress and examined the effect of high environmental temperatures on metabolites (ionized calcium and steroids) involved with egg shell quality.

Current Research-Examination of stress factors (i.e. environmental temperature) and their effect on performance of laying hens and broilers.

Other research-Involved with examining the effects management practices on quality of animal rations. Also, recent research activities have included: determining the influence of photostimulation of broiler breeders: assessing the effect of various sanitizing methods of hatching eggs: and evaluation of alternative feed ingredients and their effect on performance of broilers and egg laying hens..

### B. Publications-Thesis Research

Samara, M.H, 1987. Effects of changing protein level-Response of old laying Hens to a range of Dietary protein levels. M.Sc. Thesis,University of Reading, England .

Samara, M.H., 1994. Interaction of feeding Time and their Relationship to performance of the Broiler Breeder Hen. Ph.D. Dissertation the University of Tennessee, Knoxville, Tennessee, USA.

### **C. Publications-Refereed Journal Articles :**

1. Samara, M.H., 2003. Effects of early chlorotetracycline administration and farm clean-up on growth and mortality in broiler chicks. *Journal of the Islamic University of Gaza*, vol. 11 (2):184-190.
2. Samara, M.H., 2003. Effects of feeding natural zeolite in performance of laying hens drinking saline water. *An-najah University Journal Res. (N. Sci.)*, vol. 17 (2):183-189.
3. Samara, M.H., 2000. *Poultry by-products and their effect on the environment*. Al-Afaaq, volume 2. Zarqa Private University.
4. Samara, M.H., 2000. *The Poultry Industry in Palestine: 1. Factors Affecting the Broiler Industry*. Assuit Universit, Assuit, Eygpt.
5. Samara, M.H., 2000. *The Poultry Industry in Palestine: 2. Factors Affecting the Laying Hen Industry*. Assuit University, Assuit, Eygpt.
6. Samara, M.H., K.R. Robbins and M.O. Smith 1996. Interaction of feeding time and temperature and their relationship to performance of the broiler breeder hen. *Poultry science* 75:34-41.
7. Samara, M.H., K.R. Robbins, and M.O. Smith, 1996. Environmental heat stress dose not reduce blood ionized calcium concentration in hens acidulated to elected temperature. *Poultry Science* 75: 97-200.
8. Samara, M.H., 1989. Livestock and the need for feed analysis to grip the gap in nutrition. *Al-Katib*, No. 114, pages 15-18.

### **D. Publications Abstracts/Proceedings.**

1. Samara, M.H, K.R. Robbins, M.O. Smith and J.M. Grizzle, 1994 . High cyclic temperatures does not reduce blood ionized calcium in hens acclimated to elevated temperatures. *Poultry Science* 73:113.
2. Samara, M.H., K.R. Robbins, M. O. Smith, and J.M. Grizzle. 1994. Effects of different daily periods of high temperature on egg production and blood ionized calcium of broiler breeder hens. *Poultry Science* 73:113.  
Presented at the Eighty-third Annual Meeting of the poultry science Association INC., Starkville, Mississippi, USA.

3. Samara, M.H., K.R. Robbins and M. O. Smith, 1995. Effects of temperature and feeding time on performance of broiler breeder hens. Poultry Science 74:215. "Presented at the 16 the Annual Meeting of the Southern Poultry Science Society. Atlanta, Georgia, U.S.A.
4. Samara, M.H., M. Mizyed and M. A. Ahmad, 1999. Sub-sector Strategy for Agricultural Production. The Palestinian Conference On Agricultural Policy and Strategies. Hebron, October 25-26, 1999.
5. Samara, M.H., 2000. The poultry industry in Palestine: 1. Factors affecting the broiler industry. The second scientific conference of agricultural sciences. Abstract booklet. Faculty of Agriculture, Assuit University, Assuit, Egypt.
6. Samara, M.H., 2000. The poultry industry in Palestine: 2. Factors affecting the egg industry. The second scientific conference of agricultural sciences. Abstract booklet, Faculty of agriculture, Assiut University, Assuit, Egypt.

#### **E. Publications- Books/Book chapters/citations.**

**Samara, M.H.** (chief author), Ayed G. Zaqrneh, Raed A. Dayeh, Assad M. Manasrah, Munzer A. Esaleh, Mohamad H. Abdel-Baqi, Hussam Quasmeh and Kamel J. El-Shakhreet, 2005. **Animal Production, For the 11<sup>th</sup> Grade**. Palestinian Ministry of Education and Higher Education. Palestinian Curriculum Development Center (PCDC) ([pcdc@palnet.com](mailto:pcdc@palnet.com)).

Ayed G. Zaqrneh, **M.H. Samara**, Raed A. Dayeh, Assad M. Manasrah, Mohamad Al-Hymoneh, Kamel J. El-Shakhreet, 2005. **Animal Production, For the 12<sup>th</sup> Grade**. Palestinian Ministry of Education and Higher Education. Palestinian Curriculum Development Center (PCDC) ([pcdc@palnet.com](mailto:pcdc@palnet.com)).

Published Research Works were cited in several literature articles (samples are provided):

Leeson, S. and J.D. Summers, 2000. Nutrition and Feeding In: **Broiler Breeder Production**. pp. 189, 216. University Books. Guelph, Ontario, Canada.

Hassan *et al.*, 2003. Effect of feeding time on the reproductive performance of Japanese quail (*Coturnix coturnix japonica*). Poultry Sci.

#### **F. Publications-Technical Articles/Popular press.**

1. Samara, M.H., 1999 . Does Feed Management Improve Eggshell Quality ? poultry : Middle East and North Africa, No. 148,page 15-18 . (Arabic) .
2. Samara, M.H., 1996. The Hatchery Management Manual . Publication of the poultry Farmers Cooperative, Ramallah . (Arabic) .
3. Samara, M.H., 1999. Evaluation of the agricultural sector and agricultural education in Palestine. Shoun Zera'eya O'Tanmauiyah, Al-Ayyam, 4(1400): page 11.
4. Samara, M.H., 1999. Environment and Poultry. Poultry Middle East and North Africa, No. 149, page 23-25. (Arabic).
5. Samara, M.H., 2000. Animal production: Newcastle disease in poultry. Gedour O' Bara'em, N. 49, page 41-44. (Arabic).
6. Samara, M.H., 2000. Impacts of poultry by-products on the environment- I. Poultry Middle East and North Africa, No. 150, page 10-11.
7. Samara, M.H., 2000. Effect of poultry by-products on the environment- II. Poultry Middle East and North Africa, No. 151, page 17-18.
8. Samara, M.H., 2000. Effects of heat stress on poultry performance. Poultry Middle East and North Africa, No. 152, page 4-6.
10. Samara, M.H., 2000. Factors affecting broilers performance. Gedour O' Bara'em, The Journal of Science and agriculture, NO. 50, pages 44-46.
11. Samara, M.H., 2000. Nutrition and Management of laying hens. Al Muzaree' Al Arabi, NO. 15, pages 32-35.
12. Samara, M.H., 2000. Overweight and its effect on the performance of poultry breeders. Poultry Middle East and North Africa, No. 153, page 57.
13. Samara, M.H., 2000. Vitamin Deficiency in Poultry Feed. Al-Muzaree' Al Arabi. NO.16, pages 36-42.

## **G. Invited Lectures**

1. Samara, Maen H., 2005. Importance of nutrition in improving feed efficiency of poultry. Central workshop of selected poultry farmers. League of Arab states, Arab Organization for Agriculture Development, Ramallah, Palestine.
2. Samara, Maen H., 2005. Lighting systems: role in improving quantity and quality of laying hens. Central workshop of selected poultry farmers. League of Arab states, Arab Organization for Agriculture Development, Ramallah, Palestine.
3. Samara, M.H., 2004. The poultry industry “problems and recommendations”. Seminar reports series (No. 32). Center for private sectors development. Palestinian Businessman Association-Jerusalem.
4. Samara, M.H., 1996 . Impact of poultry on the Environment. Toubass .
5. Samara, M.H., 1995 . Light and feeding programs for Laying Hens . Hebron University and the Technical Center for Agricultural services. Hebron.
6. Samara, M.H., 1996-2002. Lecturer at Jerusalem Open University. Lectures covers courses such as zoology, animal production, animal health, poultry production, and animal nutrition.
7. Samara, M.H., 1989 . Lectures in farm management, systems of animal production and nutrition, animal health and parasites for veterinarian assistants. The Catholic Relief Services, Jerusalem.

## **TEACHING RESPONSIBILITIES**

### **A. Courses Taught:**

Poultry production  
Poultry nutrition  
Animal physiology  
Physiology of reproduction  
Animal breeding  
Zoology  
Animal nutrition  
Feed analysis  
Biochemistry  
Field practical training (for fourth year ag. Students)  
Advanced non-ruminant animal nutrition



Farm animal structures and equipment  
Animal health and management (Aquds open university)  
Poultry production and management (Aquds open university)

**B. Student Advising:**

<u>Year</u>	<u>No. of Advisees (Approx.)</u>
1996	18
1997	15
1998	50
1999	40
2000	40
2001	40
2002	12
2003	15
2004	8
2005	8

**C. Graduate Students Advising:**

1. Othman Shadeh: "Effect of light stimulation and body weight on reproductive performance of broiler breeder hens".
2. Ra'fat Nakhsh:"The effect of partial replacement of soybean meal with boiled feather meal and sun dried blood meal on the performance of broiler chickens"
3. Feras Belaih:"Effects of various sanitizing treatments in hatchability of broiler breeder eggs".

**SERVICES AND PROFESSIONAL DEVELOPMENT**

- Dean - The Faculty of Agriculture, An-Najah National University, 2004-2008
- Dean - The Faculty of Agriculture, An-Najah National University, 1998-2001.
- Attendent - The first workshop for institutional reform in the ministry of agriculture. Refom Support Unit-Ministry of Agriculture (MAO), 2005.
- Member - Preparing of the replacement exam for Tawjihee Agri. Students. Directorate of general examinations. Ministry of education and higher education. 2004/2005

- Member - Preparing the general exam for tawjihee agri. Students. Directorate of general examinations. Ministry of education and higher education.
- Attendant - Workshop, "Institutions of Local Experts in Palestine: the Austrian Project for the Management of Agricultural Lands and Water Resources". MOA, Ramallah. July 17, 2000.
- Trainee - A Training Course in "Feed Formulation and Techniques and Purchasing Planning Methods". BRILL Corporation and the Palestinian Poultry Marketing Board. Ramallah, May 28-29, 2000.
- Attendant - Workshop, AMODESP "The French Project". MOA, Ramallah. May 5, 2000.
- Attendant - Workshop, "Discussion of Proposed Project Priorities and Mechanism of Common Coordination". MOA-FAO, Ramallah. March 26, 2000.
- Attendant -Seminar, "Poultry Nutrition and Poultry Meat Marketing". The Palestinian Food Industries Institute. Ramallah. March 3, 2000.
- Attendant - Workshop, "The Sector Working Group on Agriculture". UNDP/PAPP-MOA. Ramallah. January 25, 2000.
- Coordinator - Workshop, "Agro-Biodiversity and Seed Saving". The Faculty of Agriculture, An-Najah N. University, April, 2000.
- Attendant - Seminar, "Development of Strategies and Effective Professional Mechanisms Between PNA and NGO's Workening in Agriculture". Nablus. January 4, 2000.
- Attendant -Workshop, "Agricultural Development and the Scientific Research". MOA-MOHE, Ramallah. December 23, 1999.
- Attendant - Workshop, "Agricultural Policy and Strategies". MOA, Ramallah. September 25, 1999.
- Attendant - Workshop, "Agricultural Policy and Strategies". MOA, Ramallah. July 7, 1999.
- Attendant -Workshop, "Scientific Workday". An-Najah N. University and Al-Jaleel Research Center.1999.
- Member - Workshop, "A Preliminary Survey of the Agriculture Sector in Palestine". PCBS, 1999.
- Attendant Workshop, "Preparing and Writing Professional Research Proposals". An-Naja N. University, May 2, 1999.
- Participant - The veterinary medicine profession. Center for professional, extension and awareness. Extension Publication Series. October, 1999.
- Reviewer - Survey of the Agricultural Sector on Palestine, 1998.
- Member - Technical Committee, "Palestinian Standards for Feeds and

Compound feeds”. 1998.  
Attendant - Seminar, “The Future of the Poultry Industry in Palestine”,  
Ramallah-Albeireh, 1997.  
Dept. Head - Department of Animal Production and Animal Health, The  
Faculty of Agriculture, An-Najah National University,  
1996-  
1997. / 2012-present