

Alafua Campus, Apia, Samoa.

1999 | 2002:

Instructor and "Hands-on" Demonstrator – 2008 Master Goat Certification Program at the Caprine Education & Research Unit (August, 2008/2009)

Administrative Responsibilities

Freshman Academic advisor for APSC students

Graduate Student Supervision

1. Durandal Ford, Candidate for M.Sc. (Animal Reproductive Biotechnology)
- 2.

- Tuskegee University in December 2009 pp 12). [This paper won third place in the undergraduate student competition.](#)
10. L. Keith and C. Okere, 2009. The Relationship between Body Conformation and Carcass Characteristics in Pubertal Male Boer Goats. Proceedings of the 67th Annual Professional Agricultural Workers Conference in Tuskegee University in December 2009 pp 6.
 11. D. Phillips, C. Okere, and N. Gurung, 2009. Precision Breeding in Boer and Kiko

1. Determination of the Impact of Traditional and Non-Traditional Feedstuffs on Pork Quality, Safety and Consumer Acceptance **(ASU-SDC)**.
2. Feedlot Performance, Carcass Composition and Meat Quality Traits in Hogs Reared Under a Pasture - Based Swine Management **(ASU-SDC)**

Artificial Insemination & Embryo Transfer Technology

1. Seasonal and Genotype Variations in Libido, Semen Production and Quality in Boars at Church Hill AI Stud **(USDA-ARS)**.
2. Non-surgical embryo transfer program for limited resource swine producers (USDA/CSREES – pending).
3. Relationships between Selected Trace Elements in Seminal Plasma, Blood serum and Boar Semen quality **(USDA-ARS)**.
4. A Comparative Study of the Reproductive Efficiency of A.I. vs. Natural Breeding in Church Hill Herd **(USDA-ARS)**.

Breeding & Reproduction

1. Managing Lactation Weight Loss and Body fat to Enhance Reproductive Performance in Sows **(ASU-SDC)**.
2. Development of Specific Management Strategies to Ameliorate Seasonal Anestrus in Southwest Mississippi Breeding Herds **(ASU-SDC)**.
3. Gilt Development Program Through On-farm Performance Testing **(ASU-SDC)**.

Education & Technology Transfer

1. Summer A.I. Internship and Certification program **(USDA/CSREES)**. .
2. Formation of a Sustainable Pork Producers Co-op in Southwest Mississippi **(ASU-SDC)**
3. Problem-Based Learning (PBL) Curriculum for Teaching Swine Production & Management **(USDA/CSREES)**.

1. AG471: Advanced Pig and Poultry Nutrition & Husbandry Techniques.
2. AG472: Environmental & R2.

2. I directly participated in the design of experimental work and in the preparation of grant applications and manuscripts for publications.
3. Developed and maintained professional relationship with the Ontario Pork Producers Marketing Board (OPPMB).
4. Ensured timely submission of annual and final project reports.
5. Direct supervision of two research assistants.
6. A section of the research program was designed to address the need for a coordinated and responsive technology transfer mechanisms in the light of the rapid restructuring that continues within the swine industry.

1995-1998: Instructor, Dept. of Animal & Poultry Science, University of Guelph, Guelph, Ontario, Canada

List of Courses Taught.

1. ANSCI 01-040 - Swine Production. Fall 1995
2. ~~ANSCI 01-040 - Swine Production. Fall 1997~~
3. ANSCI 01-040 - Swine Production. Winter 1998
4. AGRI 01-020 - Agricultural Field Studies. Fall 1996

1991 | 1994:

3. African Network for Rural Poultry Development
4. EEC – assisted FUTO /Netherlands Soil Erosion Project
5. ILCA sponsored Small Ruminant (Sheep and Goat) Productivity Project (Team Leader)
6. International Foundation for Science (IFS) sponsored research on Alternative Feed Sources for Broilers.

Coordinator, Students Industrial Work Experience Scheme (SIWES) student Internship Program

I supervised and managed students' off-campus and on- campus SIWES program. A program designed to give students practical, hands-on farm management experience. Specific learning opportunities during program included rotational work experience in projects like:

1. Utilization of Agricultural Wastes
2. Dry Season Vegetable Crop Production
3. Neglected Crops and Alternative Feed Sources
4. Sheep and Goat Production
5. Pasture Swine Production
6. Agricultural Mechanization
7. Snail Farming
8. Rabbit Production
9. Storage of Root and Tuber Crops
10. Technology Adoption in Crop and Animal Production

Academic/ Administrative Committees Responsibilities at FUTO:

1. Member, Faculty Board of Studies
2. Chairperson, Departmental Seminar & Conference Committee

List of Courses Taught at FUTO (1983-1991)

1. APR 202 - Introduction to Non-Ruminant Animal Production.
2. APR 405 - Anatomy & Physiology of Farm Animals.
3. APR 407- Endocrinology.
4. APR 506 - Dairy Cattle Production.
5. APR 507 -

R.Hacker

Producers
Marketing Board

6. Okere, C. Joseph, A and Ezekwe, M. 2005. Seasonal and Genotype Variations in Libido, Semen Production and Quality in Artificial Insemination Boars. *Journal of Animal and Veterinary Advances*. 4 (10): 885-888.
- 7.

3.

16. D. Ford., Philip D, Bolden-Tiller, O and C. Okere. 2009. Libido Test Scores, Body Conformation

30. Okere, C., R.R Hacker, and V. R. Osborne, 1998: Enhancing reproductive Performance in Sows with Post-partum Prostaglandin (PGF₂) Therapy. **J. Anim. Sci. 76 (Suppl. 1) 980**. American Society of Animal Science/ADSA, Denver, CO (1998).
31. Okere, C. and R. R. Hacker, 1998: The effect of Androstenedione Immunization on Estrus and Ovulation in Gilts. **J. Anim. Sci. 76 (Suppl. 1) 981**. American Society of Animal Science/ADSA, Denver, CO (1998).
32. Okere, C and Hacker, R. R. 1997: Immunophysiological Responses of Sows and Neonatal Pigs to Vit.E and or Selenium Therapy. **J. Anim. Sci. 75: (Suppl. 1) 443**. American Society of Animal Science, Nashville, TN (1997).
33. Okere, C. Hacker, R.R. and Werchola, G. 1996: Enhancing Cyclic Activity & Reproductive Performance in Post-Weaned Sows via Potent IGF-I Analog. **J. Anim. Sci.74: (Suppl. 1) 249**. American Society of Animal Science, Rapid City, SD (1996).
34. Okere, C. and Hacker, R.R. 1995: Reproductive and Endocrine Responses of Gestating Gilts to Micro-nutrient (VitE + Se, Folic acid, -Carotene or Cr.) Supplementation. **J. Anim. Sci. 73: (Suppl. 1) 251**.

7. Okere, C. 2001. Recent Advances in Swine Reproductive Biotechnology and its Impact on Productivity. Proceedings of Focus on the Future Conference 2001. Prairie Swine Center, Inc. Red

- Enhance Reproductive Performance in Sows. ASU-SDC 2005 Swine Research Updates. Pp4
3. Okere, C. and Ezekwe M. O. 2004. Pork Quality Standards: What Are They & Why Do We Need Them? Swine Development Center Newsletter. Summer 2004, pp 1-4.
 4. Okere, C., Kumar, V. 2003. Development of a Predictive Equation for Weight Determination Based on Chest Girth Measurement in **Santa Gertrudis** Helpers in Fiji Islands South Pacific Agricultural News. Jan. 2004: 1-3.
 5. Ajuyah, A. O., Okere, C. & Kumar, S. 2003. The Effect of Rumen Liquor on the Utilization of Desiccated Coconut Waste Meal by Weaner Pigs. South Pacific Agricultural News. Jan. 2003: 3-6.
 6. Dass, A. D., Ajuyah, A. O. & Okere, C. 2002. The Development of Organic Mineral Premix for Pigs using Local Feed Ingredients.
 - 7.