

**Lesla G. Griffiths, Ph.D.**  
T.A. Baker Professor of Agriculture and Natural Resources  
48 Townsend Hall  
University of Delaware  
Newark, DE 19716-1440  
(302) 831-2524  
lesa@udel.edu

## **EDUCATION**

Cornell University, Ithaca, NY, B.S., 1980  
Purdue University, W. Lafayette, IN, M.S. 1983  
Purdue University, W. Lafayette, IN, Ph.D. 1986

## **ADMINISTRATIVE EXPERIENCE**

Assistant Chair, Department of Animal and Food Science; 2014 - present  
Associate Provost for International Programs - Institute for Global Studies; 9/08 – 9/11  
Director, University of Delaware Center for International Studies; 1/02 – 8/08  
Senior Faculty Fellow, Office of the Provost; 2004 – 2005  
Associate Dean for Academic Programs, UD College of Agr. and Nat. Res., 1997 – 2001

## **ACADEMIC APPOINTMENT**

T.A. Baker Professor of Agriculture and Natural Resources; 2016 - present  
Professor, Department of Animal and Food Sciences; 2002-present  
Associate Professor, Department of Animal and Food Sciences; 1994-2001  
Assistant Professor, Department of Animal Science and Agricultural Biochemistry; 1987-1994

## **HONORS AND AWARDS**

YOUDEE Leadership Award: Outstanding Club Advisor (Equestrian Team), 2002, 2007, 2009  
Agriculture College Council Academic Advising Award Recipient. 2008, 2014  
Also nominated in 2004, 2006,  
University of Delaware, Distinguished Teaching Award from UD-On-line. 2007  
Purdue University Distinguished Agricultural Alumni Award. 2004  
University of Delaware Excellence in Teaching Award Recipient. 2003  
Also nominated in 1990, 1991, 1992, 1994, 2004, 2005, 2011,  
Nominated for UD Excellence in Academic Advising Award. 1990, 1991, 2014  
College of Agriculture and Natural Resources Graduation Speaker – selected by the graduating seniors, 2002  
Invited Keynote Speaker for University of Delaware Fall Convocation in the Bob Carpenter Center, 1999. (invited by UD President)  
Honorary Assistant Basketball Coach. University of Delaware. 1999, 2012  
U.S.D.A. Excellence in College and University Teaching - National Award. 1998  
Alpha Lambda Delta National Academic Honorary Society – Faculty Award and Lifelong Membership. 1998  
“A Week in the Life” – one of three faculty members selected by the University for a profile of seven days in their lives for publication in the nationally-recognized “Messenger” alumni magazine. 1997  
Alpha Gamma Rho Faculty Appreciation Award. 1995  
Outstanding Teaching Award. College of Agricultural Sciences. University of Delaware. 1992  
Mortar Board National Honor Society Faculty Award (for service to students). University of Delaware. 1991  
Award for Educational Innovation in New Course Development. University of Delaware. 1988  
National Block and Bridle Club Honorary Membership. University of Delaware. 1988  
Promise Scholarship for Achievement in Animal Science. Purdue University. 1985  
Gamma Sigma Delta, Agricultural Honor Fraternity, Purdue University. 1981

Research Assistantship - Purdue University. 1980-1985

## ADMINISTRATIVE EXPERIENCE

**Assistant Chair, Department of Animal and Food Science.** 2014 – present.

Reporting to the Chair of the Department of Animal and Food Sciences, I provide guidance and assistance in curriculum development, student advising and recruitment. I assist in annual performance reviews of faculty and staff, development/fund-raising, program assessment and miscellaneous other duties as requested by the Chair.

**Associate Provost for International Programs and Director of the UD Institute for Global Studies** 2002 – 2008; 2008-2011.

The University of Delaware created the Center for International Studies (CFIS) in February 2002 and I was appointed its first Director, reporting to the Deputy Provost. Responsibilities included administration of international contracts and grants, including grant administration of US AID projects in Bulgaria, Serbia and Bosnia. Administration of almost 100 international institutional agreements and exchange agreements. Administration of programs like Salzburg Seminar and Fulbright Scholars. Development and administration of the 70+ study abroad programs including semester programs in France, Argentina, Mexico, Italy, London, and Spain. Administration of ~\$725,000 scholarship program for study abroad. In 2008, CFIS was expanded to form the new Institute for Global Studies (IGS) and I was appointed Associate Provost for International Programs.

### CFIS/IGS program highlights:

- Heiskell Award for *Best Practices in Internationalizing the Curriculum*. This is a national award and was awarded to UD in March 2007. Based on nomination co-authored by L. Griffiths.
- NAFSA Award for Internationalizing the Campus. A Spotlight Award for *Faculty Support for Study Abroad*. 2004. Based on nomination co-authored by L. Griffiths, UD was selected as one of NAFSA's institutions to highlight for our efforts in study abroad.
- *Making the Global Vision Real. Supporting Faculty-Led Internationalization Efforts* University Leadership Council, Education Advisory Board. The 2009 national report cites the UD model for enhancing faculty support for driving growth in study abroad. Also features our student checklist and budget model for study abroad. Pages 48-61.
- Completed (with IGS colleague) one the *largest assessment studies of the impact short term study abroad programs ever done in the United States*. Respondents numbered over 2000. Developed institution-wide assessment learning objectives for international education. 2002-2004. *Ten years later, the Frontiers article we co-authored on this study in 2004 is not only still getting cited (135 citations), it's on a current study abroad program's reading list!*
- Re-invested revenue into study abroad scholarships increasing the scholarship pool from \$200K to over \$725K, a 260% increase.
- During the first five years of CFIS, the study abroad program had over 100 new faculty directors and 60 new programs in 15 new countries and Antarctica. The result was student participation in study abroad programs increased over 84% during my first five years as Director of CFIS. The percentage of undergraduates which studied abroad during their time at UD approached 47% -consistently among the highest participation rates in the nation for comparable public universities (Open Doors). (Number 1 in 2008.)

- Partnered with the FYE program (called LIFE) to create and expand offerings for freshman to study abroad. In just five years the number of freshman participating in study abroad increased over 700% from 30 to 250 students.
- Under my leadership (prior to RBB), CFIS met the sponsored programs benchmark set by the Office of the Provost each year and generated sufficient revenue above the benchmark to support increases in staff, scholarships and CFIS-sponsored grant programs.
- Established CFIS Faculty Fellows Program. The program provided research support, travel funds and a course by-out for faculty to pursue a number of international interests related to the research and education mission of the institution. The program focused on collaborative and multidisciplinary proposals.
- Established International Research Awards competitive grant program. CFIS awarded six \$10k grants each year as seed money for faculty to support their international research interests.
- Established International Travel Awards competitive grant program. The International Travel Award program provides assistance to faculty for participation in a conference outside the United States within the participant's professional field. Faculty with little or no international experience are given preference. In a typical year, 30 faculty were awarded ITAs.
- Established the Global Partnership Awards, enabling faculty to explore research partnerships, joint conferences, study abroad programs and face to face meeting with colleagues at institutions around the world. Seventeen new partnerships in 10 countries were established.
- Taken over 200 students abroad to study pastoral livestock production on the south island of New Zealand. Students visit a variety of farms including a high-country station, hill-country station and low country/plains, irrigated station, all with sheep, cattle and red deer. Other agricultural trips have included a 600-mare breeding facility, a dairy, a piggery, an organic cropping farm, a winery and the botanical gardens. *This was UD's first study abroad program in New Zealand.* It was started in 1999 and continues with 37 students on a January 2016 program.
- NAFSA. Training for Study Abroad Ambassadors. Small grant to support development of an undergraduate group of study abroad ambassadors. 2004.
- Expanded UD's participation in the Salzburg Global Seminar – doubling the number of faculty and professional staff scholarships provided each year.
- Created legal template and process for UD's Global Institutional Agreements. Partnerships around the world grew to almost 100, most notably in China with institutions such as Peking University, Nanjing University, Beijing Normal University and Southwestern University of Finance and Economics. Our partnership with Xiamen University resulted in a Joint Institute for Coastal Research and Management, a Confucius Institute and dual-degree graduate program.
- Worked with the office of risk management to develop a comprehensive plan for students abroad, including an Emergency Response Plan, a risk review committee for high-risk locations, and for retaining the services of SOS Travel Assistance and HTH Travel Health Insurance for all students participating in study abroad and other international activities.
- Instituted a mechanism whereby service learning could be effectively incorporated into UD study abroad programs.

#### **International Projects and Grants:**

**Griffiths is/was project PI or Co-PI:**

- US AID Graduate Business Education Project in Bosnia and Herzegovina. In 2004, the University of Delaware (in partnership with the University of Sarajevo) opened the Sarajevo Graduate School of Business. In May 2006, the first class of 22 MBA students graduated from the school and received an AACSB-accredited MBA. (Griffiths Co-PI with Dean of Lerner College of Business and Economics). (2004- 2008) \$10,000,000.
- Dept of State, Middle Eastern Partnership Student Leaders Program. Selected to host the institute for 20+ college students from the Middle East and North Africa for ten consecutive years (2004-2014). With Jim Magee, (POSC) and Audrey Helfman (LEAD). ~\$3.8 M (Griffiths was PI)
- Dept of State, Middle Eastern Partnership Small Grants Program. (2009-2014). \$170,000 (Griffiths was PI)
- Dept of State, BECA. Middle Eastern Partnership Student Leaders Alumni Professional Development Program. Selected to host the institute for 35+ MEPI SLP Alumni (2011). \$160,000. With Tracey Holden (COMM) (Griffiths was PI)
- Dept. of State, BECA. Fulbright National Security Institute. Selected to host the institute for scholars and professionals from all over the world – four times (2004-2006, 2009 -2011). ~\$750,000. With Mark Miller POSC
- Dept/ of State. Title VIII. Emerging Markets in the Caucasus and Central Asia. (2008) ~\$435,000 With Jeff Miller ECON
- Dept. of State, BECA. Faith and Community: A Dialogue. A Forum for systematic exploration of the role of faith in the public sphere in the U.S. and the Islamic World. (2007) \$500,000. With Muqtedar Khan POSC
- United States Olympic Committee. Coaching Enrichment Program. (2009) ~ \$120,000 With Matt Robinson

**CFIS provided administrative and/or logistics support:**

- USDA and USAID. Technical Assistance and Capacity Building in Response to Avian Influenza (Romania). Developed model program for AI capacity building which we hope to be able to use to assist other countries in addition to assistance currently being provided to Romania. (2006) \$423,906. (CFIS /PCS provided administrative and logistics support.)
- Dept. of State. Fulbright Argentina Commission. Selected to host the Fulbright Argentina Institute on Leadership and American Studies (2007) \$125,000 (CFIS provided administrative and logistics support.)
- Dept. of State, BECA Governor's School for Excellence in Chinese Language and Culture . Provides academically talented high school students with the opportunity to study the Mandarin language and Chinese culture for seven weeks in Beijing, China's capital. (2007- 2009). (CFIS/PCS provided administrative and logistics support.)
- Dept. Of Education. Delaware's Fashion International and Business Education Response (FIBER) Project responds to the opportunities and challenges globalization is presenting to the U.S. apparel manufacturing and retailing industry. FIBER provides a comprehensive program that includes faculty, curriculum and student development and business outreach. (2007) 165,000. (CFIS/PCS provided administrative and logistics support.)

**Senior Faculty Fellow in the Office of the Provost.** 2004/2005.

For the 2004/2005 year, I continued as CFIS Director but also supported the Provost as the Senior Faculty Fellow. Responsibilities included oversight of Department Academic Programs Reviews, Chair's Leadership Workshop, liaison with Chair's Caucus Steering Committee and Faculty Senate Executive Committee, New Faculty Orientation, student and parent complaints which reach the Office of the President or the Provost. I also attended the weekly campus life meetings with the President and the monthly faculty senate meetings.

**Associate Dean for Academic Programs** College of Agriculture and Natural Resources. 1997 – 2001.

I reported to the Dean of the College of Agriculture and Natural Resources. Responsibilities included coordinating the academic advisement system for the college, new student orientation advisement, certifying graduates for the college, representing the college to the Committee on Undergraduate Records, coordinating the College Course and Curriculum Committee, provide recruitment support, participate in Honors Day, graduation and convocation ceremonies and programs, meet monthly with the Vice Provost for Academic Programs and Planning as part of Asst/Associate Deans Council, coordinating yearly review and edit of College's section in the Undergraduate and Graduate catalog, coordinating transfer credit matrices updates with departments, review, maintain and update On-Course on-line advisement system to ensure accuracy for all college majors, liaison with Office of Financial aid on scholarship decisions for matriculated students, handle student and parent complaints brought to the attention of the Dean's office, liaison with Judicial Affairs.

## TEACHING EXPERIENCE

Since 1988, I have been involved in a number of different courses on a rotating basis:

### COURSES DEVELOPED AND TAUGHT (\* denotes current responsibility)

**ANFS 101\*** On-line (*first video-streamed, on-line course in the College*)

**ANFS 101\*** Introduction to Animal Science, 3 cr hr required course (enrollment ~220+)

**ANFS 101** Honors (enrollment ~16)

**ANFS 251\*** Animal Nutrition, 4 cr hr required course (enrollment~100)

**ANFS 261\*** Companion Animal Nutrition, 3 hrs (enrollment ~ 20)

**ANFS 417\*** Beef Cattle and Sheep Production, 4 cr hrs capstone DLE (enrollment ~ 30)  
Honors Capstone section

**ANFS 419\*** Topics in Intern'l Animal Agriculture: Pastoral Livestock Prod. in New Zealand (enrollment – 37)

**ANFS 418\*** Swine Production, 4 cr hrs capstone DLE (enrollment ~30)  
Honors Capstone section

**ANFS 270** Biotechnology: Science and Socio-economic Issues, 3 cr hrs, with S. Kitto

**ANFS 270** Honors

**ANFS 111** Introduction to Animal Science Laboratory, 1 cr hr (enrollment - 100)

**ANFS112\*** Animal Handling 1 cr hr (enrollment 13)

**AGRI 165** Mastering the Freshman Year, 1 cr hr (enrollment - 20)

**LIFE** Learning Integrated Freshman Experience – participated in thematic co-curricular program “Animals, Science and Society” in which a group of students live together, take same courses and design residence life programs around the curricular theme.

## INSTRUCTIONAL FUNDING

I have received approximately 14 grants specifically associated with funding teaching initiatives in my academic discipline. These grants have been largely associated with problem-based learning and the use of technology to enhance learning. The grants include two competitive USDA Higher Education Challenge Grants.

1. University of Delaware Teaching Effectiveness/Special Sessions Grant. \$1000. 1988. Biotechnology: Science and Socio-economic Issues, with S.L. Kitto and C.K. Halbrendt

2. University of Delaware Teaching Effectiveness Grant. \$300. 1989. ANSC 417 Beef Cattle and Sheep Production Tour.
3. University of Delaware Teaching Effectiveness Grant. \$500. 1991. ANSC 417 Embryo Transfer in Beef Cattle. 1992.
4. University of Delaware Teaching Effectiveness Grant. 1992. ANSC 418 Meat Industry Tour. (with Penn State and Cornell University)
5. University of Delaware Teaching Effectiveness Grant. \$2,800. 1994. Development of Case Studies for Problem-Based Learning, with S.L. Kitto and C.K. Halbrendt.
6. A Distance Education Consortium Grant. \$10,440. 1994. Transponder funding for ANSC FREC PLSC 270 Biotechnology: Science and Socioeconomic Issues, with C.K. Halbrendt and S.L. Kitto.
7. University of Delaware Supplemental Instruction Grant. \$200. 1995. Matching funds for video monitor for livestock laboratories.
8. University of Delaware Teaching Effectiveness Grant. \$2,800. 1996. Teaching on Television. Biotechnology and Socioeconomic Issues, with S.L. Kitto
9. USDA Higher Education Challenge Grant. \$80,000. 1996. Biotechnology in Agriculture: A Multimedia Approach to PBL and Distance Learning, with S.L. Kitto, E. Mackenzie, K. Bauer and J. Pesek.
10. University of Delaware PRESENT Technology Assistant Grant. 1999. For ANSC 101: Animations of Biological Events, Interactive On-line study group.
11. University of Delaware PRESENT Technology Assistant Grant (with S.L. Kitto) . 1999. For Biotechnology: Science and Socio-Economic Issues. Development of a Quick-Time movie. Animation of Recombinant DNA.
12. USDA Higher Education Challenge Grant. \$100,000. 2001. Biotechnology - Science and Socio-economic Issues: Web-based Active Learning Modules. with S. Kitto, S. Snider, P. Barber and K. Troutman.
13. NAFSA. Training for Study Abroad Ambassadors. \$2000. 2004
14. UD Capstone Grant. \$10,000. with T. Gressley (Gressley is PI). 2008
15. Provost's Initiative for Excellence and Innovation in E-Learning Grant. \$12,825. 2016

## OTHER INSTRUCTIONAL ACTIVITIES

- Developed the Department of Animal and Food Science Peer Evaluation of Teaching Protocol (2013)
- Coordinated development of Department of Animal and Food Science Assessment Program (2015)
- Coordinated development of the Equine Studies minor (2014)
- Instructor in the Honors Program
- Instructor in the Study Abroad Program (1999 – current)
- Instructor in UD-Online program
  - *First* satellite, live and distance course taught in college
  - One of the *first* to attempt PBL in a distance education format
  - Selected for incentive program award for on-line courses in agriculture (2006)
- Faculty mentor for *first* FYE LIFE program in the college in Fall 2000 and most semesters through fall 06
- Co-developed one of the *first* Pathways courses at UD (course developed in 1988)
- Served as a reviewer for the 2008 edition of ANSC 101 text book
- Co-developed one of the *first* courses taught nationally on biotechnology in agriculture
  - Honorable mention in UD *Teaching with Technology Contest* for biotechnology animation (2006)

## PROFESSIONAL CONSULTING

Maximizing Pasture Nutrient Contribution and Diversifying Protein Type in Feed to Increase Economic Viability of Organic Pork. 2017 NE SARE Research and Education grant Awarded to the Rodale Institute, Kutztown, PA.

## UNDERGRADUATE ADVISEMENT

I continue to maintain a full load of undergraduate advisees (40+).

## GRADUATE STUDENT assistance

- Master's Thesis Committee for Juliette Tolay. Paper title: *Understanding the Dialog between the "West" and "Islam."* Dept. of Political Science and International Relations. Defense: April 17, 2008
- Thesis assistance interviews: Heather Makrez President's Office University of Massachusetts. 2008
- I have served on 8 M.S. committees and 4 Ph.D. committees in Animal and Food Science

## FACULTY MENTORING

By request, currently serving as faculty mentor for faculty members Tanya Gressley, Behnam Abasht, and Erin Brannick.

Developed the department's *Peer Evaluation of Teaching* process

## INVITATIONS AND PRESENTATIONS

### 1. Land Grant Universities Workshops

Northeast Regional Teaching Workshop, **Invited Presentation:** Extending Curricula Beyond the Borders: *Developing a Study Abroad Program*. Penn State University (9/01)

### 2. University of Delaware Annual International Problem-Based Learning Conference Presentation: (with S.L. Kitto) *Evaluation of Student Performance in PBL*. June 1995

**Invited Workshop Co-Leader:** June 1996

*Distance Learning and PBL: The Internet Link*

*Peer Tutors: A Multi-layered Learning System*

### 3. National University Telecommunications Network National Meeting Presentation: (with S.L. Kitto)

*Problem Based Learning and Distance Education - Are They Compatible?* June 1997. Vail, Colorado

### 4. College of Agriculture and Natural Resources Annual Conference Invited Workshop Co-Leader: *An Introduction to Problem-Based Learning*. September 1997

### 5. U.S.D.A. Higher Education Challenge Grants Program Directors Meeting Presentation: *Program Evaluation and Design*. October 1997 Washington, D.C.

### 6. University Honors Program Workshop Invited Panelist: *Enriching the Curriculum: Honors Challenges and Teaching Opportunities*. October 1999

### 7. Pathways to Discovery Summer Institute. University of Delaware. Invited Presentation: *Teaching First Year Students: Successful Transitions*. May 2000

### 8. Teaching, Learning and Technology Summer Institute. University of Delaware. Invited Presentation: *Multimedia and Biotechnology: Active Learning Modules*. June 2000. with S. Kitto

### 9. Teaching, Learning and Technology Summer Institute. University of Delaware. Invited Presentation: *Using Animations to Help Students Understand Abstract Concepts*. June 2001. with S. Kitto

### 10. Peer Mentor Training for UD LIFE program: *What does it mean to be a LIFE faculty contact?*

### 11. General Education Summer Institute. University of Delaware. Invited Presentation: *Best Practices for Freshman LIFE Programs*. July 2002

### 12. General Education Summer Institute. University of Delaware. Invited Presentation: *Development of a Global Citizenship Program*. July 2003

### 13. UD Center for Teaching Effectiveness Graduate Student TA Workshop – Invited Keynote Speaker. *Teaching Matters*. August 2003 and August 2004

### 14. NAFSA National Conference. Baltimore 2004

1) Invited panel member: *Faculty Participation and Leadership in International Education*

2) Panel moderator: *Short-Term Study Abroad Impacts on Student Learning and Global Awareness*

### 15. Institute for Transforming Undergraduate Education. Invited Panelist. *Learning Outside the Classroom: Study Abroad*. June 2007

### 16. American Society of Animal Science National Conference – Invited Panel Member. Panel on Best Practices for Teaching in Animal Science for Swine Production. July 2007

### 17. Phelps Stokes Fund Ralph Bunche Society Conference - Invited Speaker: *The Value of an Internationalized Campus* Nov 2008.

18. **Maryland College Health Nurses Annual Conference - Invited Speaker:** *Health and Safety Issues in Study Abroad.* June 2008
19. **Oklahoma State University - Invited Speaker:** The University of Delaware Model for Short Term Study Abroad. Nov. 2008
20. **CANR Graduate Student Professional Development Workshop- Invited Speaker.** "Teachers and Teaching". Jan. 2015

## PROFESSIONAL DEVELOPMENT

1. **University of Delaware Center for Teaching Effectiveness Workshops** (attended)
  - Problem-Based Learning
  - Improving Writing Multiple Choice Tests
  - How Do I Learn?
  - Teaching Mature Learners
  - Problem-Based Learning Interest Group
  - Alternatives to the Lecture: The Case Method
  - Personal Storytelling
  - Capstone Experience
2. **Land Grant Universities Workshops** (attended)
  - Northeast Regional Teaching Workshop, Cornell University (10/92)
  - Northeast Regional Teaching Workshop on Active Learning. Cornell University (9/95)
    - Session Chair:** Simulations, Case Studies and Collaboratives
  - Northeast Regional Teaching Workshop, Teaching and Learning Through Cases and Discussion. University of Maryland (10/96)
  - Northeast Regional Teaching Workshop, **Invited Presentation:** Extending Curricula Beyond the Borders: *Developing a Study Abroad Program.* Penn State University (9/01)
3. **Teletraining Institute (Oklahoma State University) Two-day Training Workshop**  
*Introduction to Teletechniques.* Sponsored by Bell-Atlantic, May 1996
4. **"Working As A Team" Workshop** (attended) College of Agricultural Sciences Fall 1996
5. **University Office of Institutional Research.** Asked to become certified in "Reflective Judgment Training" to assist in long-term studies on student learning. Summer 1998
6. **Academic Program Director and Chair's Workshops.** University of Delaware. Attended 2 per year from 2001-current.
7. **Enterprise Risk Management Training.** University of Delaware . November 2008.
8. **Performance Management and Evaluation Training.** University of Delaware. February 2009.

## UNDERGRADUATE RESEARCH PROGRAM

Mentor of the following student programs in my laboratory:

- 4 Science and Engineering Scholars (1989, 1990, 1993, 1996)
  - 4 Undergraduate Research Awards (funding for projects)
- 2 Degree-with Distinction theses (1995, 1997)
  - 1 Undergraduate Research Award
  - 1 Summer Fellowship Award

## PUBLICATIONS (former name Sterling)

1. Halbrendt, C.K., L.G. Sterling, W. Florkowski, C.M. Gemmesaw II, and C. L. Huang. Public attitudes in the northeast region toward pork produced with recombinant PST. *J. Food Distribution Res.* 20:153-164. 1989.
2. Sterling, L.G., C.K. Halbrendt and S.L. Kitto. Biotechnology: Science and socio-economic issues. 1990. An interdisciplinary course on biotechnology in agriculture. *NACTA* 34.4:22-24.



3. Halbrendt, C.K. and L.G. Sterling. Comparative economic analysis of recombinant porcine somatotropin (pST) for the hog-pork industry. 1991. J. Anim. Sci. 69:1820-1832.
4. Halbrendt, C., C. Gempeasaw II, J.R. Bacon and L. Sterling. 1991. Public Perception of Food Safety in Animal-Food Products. Journal of Agribusiness. Spr.91:85-96.
5. Sterling, L.G., C.K. Halbrendt and S.L. Kitto. 1993. Impact of Education on the Attitudes of College Students Toward Biotechnology. Journal of Agricultural and Environmental Ethics. 6(1):75-88.
6. Sterling, L.G., G.M. Fader, B.H. Gutowski and C.K. Halbrendt. 1994. The effect of source and level of dietary fat on the fatty acid composition of muscle and adipose tissue in swine. Journal of the Professional Animal Scientist 10:11.
7. Florkowski, Wojciech J., Catherine Halbrendt, Chung L. Huang and Lesa Sterling. 1994. Socioeconomic determinants of attitudes toward bioengineered products. Review of Agricultural Economics 16:125.
8. Griffiths, L., Kitto, S., Halbrendt, C. And T. Mullins. Are gene altered plants an ecological threat?: A case study. Problem-Based Learning Clearinghouse. 4/01.
9. Kitto, S.L., L.G. Griffiths, and J. Pesek. A long-term study of knowledge, ethics and risk for students enrolled in an introductory biotechnology course. Journal of Animal Science. 81:1348. 2003.
10. Chieffo, L and L. Griffiths. *What's a month worth? Student perceptions of what they learned abroad.* International Educator. Volume 12:4. Fall 2003.
11. Chieffo, L. and L. Griffiths. *Short-Term Study Abroad It Makes a Difference! IIE Networker*, Spring 2004.
12. Chieffo L. and L. Griffiths. Large-Scale Assessment of Student Attitudes After a Short-Term Study Abroad Program. *Frontiers: The Interdisciplinary Journal of Study Abroad.* Volume 10. 2004.
13. Gleason M., Chieffo L. and L. Griffiths. *Study Abroad and McNair Scholars: A Partnership for Success! IIE Network web publication.* 2005. <http://www.iienetwork.org/?p=71205>
14. Chieffo L. and L. Griffiths. *LIFE Abroad: A Unique Model for Study Abroad.* IIE Networker, Fall 2006.

#### PROCEEDINGS AND ABSTRACTS

1. Sterling, L.G. and T.R. Cline. The effect of energy level in late gestation and lactation on the sow and litter: Growth and reproductive performance. 1984. J. Anim. Sci. 59 (Supp.1):252.
2. Sterling, L.G. and K.R. Cera. The effect of feed intake and feed schedule during gestation on growth and reproductive performance of replacement gilts. 1989. J. Anim. Sci. 67 (Supp.1):246.
3. Sterling, L.G., C.K. Halbrendt and S.L. Kitto. Biotechnology: Science and socio-economic issues. An interdisciplinary course on biotechnology in agriculture. 1989. J. Anim. Sci. 67 (Supp.1):588.
4. Cera, K.R., J. Hubbard and L.G. Sterling. Immunogenic influence of dietary soybean meal and performance relationship in swine weaned at 28 days of age. 1989. J. Anim. Sci. 67 (Supp.1):239.
5. Halbrendt, C.K., L. Sterling and W. Stoughton. Benefits from recombinant porcine somatotropin (PST) to producers and consumers on the hog-pork industry. 1989. AJAE 71(5):1353.
6. Halbrendt, C.K., S.L. Kitto and L. Sterling. The effects of education on the attitudes of college students towards biotechnology. 1989. AJAE 71(5):1362.
7. Halbrendt, C. and L. Sterling. A LOGIT Analysis of Socio-economic Determinants of Attitudes Towards Bioengineered Products in Food Products. 1989. NJARE
8. Halbrendt, C.L., L.G. Sterling, W. Florkowski, C. Liang Huang and W.B. Stoughton. Consumer attitudes towards pork produced with recombinant PST. 1989. American Council on Consumer Interests Proceedings, pp 18-22.
9. Sterling, L. G. and K. R. Cera. The effect of dietary lysine level during lactation on milk composition and litter gain efficiency over successive reproductive cycles. 1990. J. Anim. Sci. 68 (Supp.1):365.
10. Cera, K. R., L. G. Sterling and D. Warrington. Effect of lysine level in lactating diets on sow performance over successive reproductive cycles. 1990. J. Anim. Sci. 68 (Suppl 1): 365.
11. Cera, K. R., L. G. Sterling and J. Pesek. Reproductive response to wean-to-service feeding rate as influenced by prior lactational body condition characteristics in third parity sows. 1990. J. Anim. Sci. 68 (Supp.1):81.
12. Sterling, L. G. and K. R. Cera. The effect of feed intake during the post-finishing phase on the growth and subsequent reproductive performance of replacement gilts. 1991. J. Anim. Sci. 69 (Supp.1):172.
13. Sterling, L. G., C. K. Halbrendt and S. L. Kitto. The effect of education on the perceptions of college students toward biotechnology in agriculture. 1991. J. Anim. Sci. 69 (Supp.1):567.

14. Snider, S., C.K. Halbrendt and L.G. Sterling. Consumers' diet and health awareness and practices. 1992. American Home Economics Association Annual Meeting, Denver.
15. Sterling, L.G. and D. Warrington. The effect of dietary inoculation of *Bacillus subtilis* on the performance of weanling swine. 1992. J. Anim. Sci. (Supp.1):284.
16. Kitto, S.L., C.K. Halbrendt and L.G. Sterling. Biotechnology: Science and Socioeconomic Issues. 1993. Hortscience 28:564.
17. Griffiths, L.G., S.L. Kitto and C.K. Halbrendt. Interactive Education: Problem-based Learning in Animal Science. 1995. J. Anim. Sci. (Supp.1):289.
18. Dyer, R.M., Griffiths, L.G., Johnson, J.A., and L.A. Gubbine. A model system for neutrophil-killing of *Streptococcus suis*. 1997. J. Anim. Sci. (Supp.1):243
19. Griffiths, L.G. Collaborative learning: Pigs and people. 1997. J. Anim. Sci. (Suppl 1): 278
20. Kitto, S.L., Griffiths, L.G., Mackenzie, E., and K. Troutman. A Multimedia Approach to Problem Based Learning and Distance Education. National University Telecommunications Network. July 1997.
21. Mackenzie E.O., L. Griffiths, S. Kitto, K. Bauer and J. Pesek. 1997. Combining Distance Learning and Problem Based Learning with Multimedia Approach. SITE Annual 1997, Society of Technology and Teacher Education, Association for the advancement of Computing in Education.
22. Griffiths, L.G., S.L. Kitto, J. Pesek, E. Mackenzie, and K. Bauer, 2000. Problem-based Learning in Distance Education. J. Anim. Sci. (Suppl 1): 311
23. Griffiths, L.G., S.E. Truehart, N.G. Gow. 2000. Study Abroad: A Model Program in New Zealand. J. Anim. Sci. (Suppl 1): 312.
24. Kitto, S.L., L.G. Griffiths, and J. Pesek. A long-term study of knowledge, ethics and risk for students enrolled in an introductory biotechnology course. Summer 2001 Horticulture meetings.

## BOOK CHAPTERS

1. Sterling, L.G. Biotechnology on the Farm. in Biotechnology: Science and Socioeconomic Issues. Kendall/Hunt Publishing Co., Dubuque. pp 23-30. 1992.
2. Halbrendt, C.K., L.G. Sterling, S. Snider and Gail Santoro. An economic investigation of genetically engineered grain in the production of lower saturated fat pork. in Valuing Food Safety and Nutrition. Westview Press Inc., Boulder. pp 319-339. 1995.
3. Kitto, S.L. and L.G. Griffiths. The Evolution of Problem-Based Learning in a Biotechnology Course. in The Power of Problem-Based Learning. Stylus Publishing. Herndon, VA. 2001.
4. Chieffo L. and L. Griffiths. Here to Stay: Increasing Acceptance of Short-term Study Abroad Programs. Ch 21 In Practice and Research in Study Abroad. Edited by R. Lewin. Routledge Press. 2009

## BOOKS

1. Sterling, L.G., C.K. Halbrendt and S.L. Kitto. eds. Biotechnology: Science and Socioeconomic Issues. Kendall/Hunt Publishing Co., Dubuque. 1992.

## APPOINTMENTS AND MEMBERSHIPS

Member of the American Society of Animal Science, 1980 - present  
 Member of the Association of International Education Administrators, 2002-2011  
 Member of NAFSA: Association of International Educators, 2002- 2011  
 Member of the American Registry of Professional Animal Scientists, 1987 – 2001  
 Charter Diplomate Member of ARPAS American College of Animal Nutrition

## STUDENT and ALUMNI HONORS

- I have nominated two alumni recipients of the UD Presidential Citation Awards
  - Dr. Natalie Durrett Crawford and Dr. Traci Hill Hulse
- I have nominated three student recipients of the Emalea Warner Award.
  - Jill Licata, Natalie Miller, Sherri Freeman

- I have nominated three alumni recipients of the CANR Distinguished Alumni Award.
  - Dr. Bill Culp, Linda Pill, Dennis Byrne

## **SERVICE**

### **Department committees**

Equine Program Committee (Chair 2011-2013)  
 Academic Program Review Committee (2007/08)  
 Assessment Committee (2007/08) (2015)  
 Promotion and Tenure Committee (1987-89, 1995/96, Chair 1996/97, 2007/08, Chair 2012/2013)  
 Faculty Co-Advisor - Animal Science Club/National Block and Bridle Club (1987-present)  
 Faculty Advisor – Equestrian Club/Team (1998-present)  
 Faculty Advisor – Sigma Alpha Professional Agricultural Sorority (2014 –present)  
 Faculty Advisor – Pre-vet Cohort Club (2013 – 2015)  
 Faculty Retreat Committee (1989) (2005)  
 Planning Committee for Construction of Livestock Teaching Arena, Chair (1992-1994)  
 Honors Day Committee (1993)  
 Supervision of Beef Cattle and Sheep Teaching Facility (1987-present)  
 Supervision of Swine Research Facility (1990-1996)  
     Including construction of new finishing facility (1990)  
 Courses and Curriculum Committee (1994-present); Chair (2016)  
 Search Committee, Ruminant Nutritionist/Physiologist (1999)  
 Search Committee for Reproductive Physiologist, Chair (2001)  
 Search Committee for Equine Veterinarian (2002) (2014)  
 Search Committee for Laboratory Coordinator (2002)  
 Search Committee for Ruminant Biologist, Chair (2006)  
 Search Committee for Equine Asst Professor (2008)  
 Search Committee for Equine Asst Professor, Chair (2014)  
 ANFS Curriculum Revision Committee (2006)

### **College committees**

CANR Excellence in Teaching Award Committee, Chair (2014, 2017)  
 Cost Recovery Committee (2013 - current)  
 Livestock Committee (2008 – current)  
 Agricultural Animal Care and Use Committee (1988 - 2001)  
 Courses and Curriculum Committee (1989/90, 1990/91, 1997-2001, 2015) Chair (2016)  
 Promotion and Tenure Committee (1989-91) (2016)  
 Task Force for a Quality Education (1992/93)  
 Buildings, Grounds and Facilities Committee (1993-1995, 2000)  
 Ag Ambassadors Selection Committee (1993-1995)  
 Ag Scholars Selection Committee (1994 - 2001)  
 Animal Science Chairman's Review Committee (1996)  
 Recruitment and Retention Committee (1996-2001)  
 Kellogg Initiative Mid-Atlantic Consortium (1996-1998)  
 Chair, Search Committee for Farm Superintendent (1996)  
 Search Committee for CITA position (1996)  
 Diversity Committee (2016)

### **College Extension committees**

4H Day Camp in Animal Science (August 1988)  
 College Conference Committee on Water Quality (1989)  
 4H Small Animal Nutrition Project Training (March 1990)  
 Lambing Barn Workshop (January 1990)  
 Food Safety Task Force (1991-95)  
 Master Food Educator Training (1993-1998)  
 Animal Rights Response Team (1993)

Biotechnology In-Service Training (January 1993)  
Search Committee, State Livestock Agent II (1995)

### **University committees / service**

Educational Innovation and Planning Committee (1988/89)  
Undergraduate Studies (1989/90, 1990/91)  
Faculty Senate (1992/93)  
Center for Teaching Effectiveness Advisory Board (1995-2000)  
Faculty Senate Committee on Student and Faculty Honors (1995/96, Chair 1996/97)  
Distance Education Task Force (1996/97)  
Mathematics and Science Education Resource Center Advisory Board and Grants Review Panel (1996)  
Delaware Junior Science and Humanities Symposium Judges Panel (1997)  
Search Committee, Director University Honors Program (1998)  
PEW Charitable Trust PBL Grant Steering Committee (1999)  
University Warner/Taylor Award Selection Committee (2000, 2002, 2007, 2008-present)  
LIFE Advisory Board (2000-2002)  
University of Delaware Blue and Gold Saturdays Honors Program Panel. (F1999 and F2000)  
University of Delaware Parents Board Presentation (F2000) (F2004)  
Honors Program Affiliated Faculty Executive Committee (2000/01)  
Dean's Scholar Program Revision Committee (2001)  
Advisory Council on International Programs (2001)  
Web-based Course and Instructor Evaluation Team (2001)  
Commission on the Status of Women (2001/02)  
Provost's Committee for the Development of a Bioethics Center (2002-2004)  
University of Delaware Honors Program Affiliated Faculty. (2000-2003)  
Search Committee for Study Abroad Program Coordinator. (2003)  
Search Committee for Professional and Continuing Programs Assoc. Director. (2003)  
Advisory Committee for UD Online (2005 -2007)  
Chair's Caucus Steering Committee (2005-2006), Chair (2006/07)  
Provost's Academic and Student Life Council (2006-2010)  
Provost's Task Force for UD Online (2006/07)  
President's Strategic Planning Committee (2007/08)  
Institute for Global Studies Working Committee Co-chair. (2008/09)  
Path-to-Prominence Review Committee (2010)  
Search Committee for Assoc. Provost for Inst. Effectiveness, Chair (2011)  
Faculty Board on Athletics (2011-current)  
Search Committee for Associate Director of IGS (2102-13)  
AAUP Grievance Panel Member (2014)  
Provost's General Education Committee (2014)  
Procurement Advisory Committee (2016- current)

### **Community service**

Great American Farm Dog Contest winner – service dog destined for swine producer in Minnesota did some training in ANSC 418 Swine production course (sponsored by Successful Farming magazine)  
Delaware Educational Resources Association - Volunteer Speaker  
Career Days – local elementary schools – volunteer  
Delaware Humane Association Foster Care Home  
Kent County SPCA (DE) Foster Care Home

### **National, international, and professional committees**

American Society of Animal Science (ASAS)  
Northeast Region Extension Program Committee (1988 - 1990)  
Distinguished Teacher Selection Committee (1989) (1998-2000)  
Contemporary and Emerging Issues Committee (2001 – 2003)  
National Association of Colleges and Teachers of Agriculture (NACTA)  
NACTA State Coordinator (1989 - 1991)

American Registry of Professional Animal Scientists (ARPAS)  
State Membership Coordinator (1995)  
Governing Council (1995 - 2000)  
Ethics Committee Chair (1997- 2000)