

Executive Summary of Curriculum Vitae

Gaylene Fasenko, Ph.D., Associate Professor, Companion Animals, NMSU

Evidence of Career Success:

- Within a 5-year period was granted tenure and promotion at two separate universities in two different academic disciplines (2013-Companion Animals, New Mexico State University (NMSU); 2008-Poultry Embryology, University of Alberta, Edmonton, Alberta, Canada)

Research Funding and Writing Scholarship:

- Over 1.3 million dollars in career grant money received as the principle investigator
- 34 peer reviewed papers (including 4 invited proceedings)
- 52 peer reviewed abstracts of presentations (including 3 invited)
- 2 invited book chapters
- co-author of 2 books

Companion Animal Program Development:

- Developed four new NMSU classes for new Companion Animal Curriculum in the span of 2 years – overall enrollment in 5 classes and internship has increased by 55% from 2014 to 2019
- Developed and am now the Director for an Undergraduate Human-Animal Interaction (HAI) Minor Program first offered in 2016– currently 56 students enrolled from 15 different majors
- 5,899 student credit hours generated for all Companion Animal classes from 2013-2019
- Conservative estimate of tuition brought in since fall 2013 from all companion animal classes = \$971,000+

Mentoring Competence:

- Graduate supervisor for 5 Masters students and 3 Ph.D. students
- Academic Advisor for ASNMSU (Associated Students of New Mexico State University) Student Service and Working Dog Club (“Aggie PAW”)
- Academic Advisor for ASNMSU student Guide Dog Puppy Training club –“NMSU Community Puppy Raisers (affiliated with non-profit Guide Dogs for the Blind)
- Research mentor for over 12 undergraduate and high school students (University of Alberta)
- Direct supervisor for 70+ staff, and thousands of undergraduate students over 20 year career

Leadership/Administrative Aptitude:

- College of Agricultural, Consumer and Environmental Sciences Faculty Senate elected representative
- Director of Canine Teaching/Research/Outreach facility at NMSU (FIDO LAB)
- 2004-2006 Vice-Chair of WISEST (a high profile University women in STEM program at the University of Alberta-I reported directly to the Vice-President for Research of the University)
- Member of University Companion and Assistive Animals Committee
- Contributor to NMSU policy on “Assistive, Service, and Companion Animals on University Premises” and member of University Committee with same name
- 2014 - Selected as one of only 9 faculty to participate in NMSU Advancing Leaders year long program
- Co-chair of Animal and Range Sciences Undergraduate Curriculum and Advising Committee

Awards and Honors:

- 2014 - College of Agricultural, Consumer & Environmental Sciences Distinguished Teaching Award, New Mexico State University (NMSU)
- 2009 - Graduate Student Supervisor Award, University of Alberta Graduate Students' Association (I was one of only 3 recipients for the entire University)
- 2008 – University of Alberta Chapter, Golden Key International Honor Society-Inducted as the only Honorary Recipient
- 2008/09 - College of Agricultural, Life and Environmental Sciences Faculty Teacher of the Year Award, University of Alberta, Edmonton, Alberta, Canada

Abridged Curriculum Vitae

January 2020

Gaylene Fasenko, Ph.D.

Education:

Ph.D. 1996 Physiology-North Carolina State University, Raleigh, NC, U.S.A.
M.Sc. 1992 Animal Reproduction-University of Alberta, Edmonton, AB, Canada
B.Sc. 1989 Agriculture - University of Alberta, Edmonton, AB, Canada

Employment History:

Aug. 2013- Present **Associate Professor (Tenured)-Companion Animals**
Program Director–Human-Animal Interaction Minor
Director, FIDO LAB (Facility for Investigating Dog/Owner Learning and Behavior)
New Mexico State University, Las Cruces, NM.
(100% Teaching Appointment)

April 2010- August 2013 **Assistant Professor-Companion Animals**
New Mexico State University, Las Cruces, NM
(100% Teaching Appointment)

July 2008- February 2010 **Associate Professor (Tenured)-Poultry Embryology**
University of Alberta, Edmonton, AB, Canada
(Appointment allocation~70% Research; 20% Teaching; 10% Outreach)

July 2004- December 2006 **Vice-Chair, WISEST (Women in Scholarship, Engineering, Science and Technology)**
Office of the Vice-President (Research)
University of Alberta, Edmonton, AB, Canada
This position was held concurrently with my academic position.

February 2002- June 2008 **Assistant Professor-Poultry Embryology**
University of Alberta, Edmonton, AB, Canada
(Appointment allocation~70% Research; 20% Teaching; 10% Outreach)

January 1997- January 2002 **Research Associate-Poultry Embryology**
University of Alberta, Edmonton, AB, Canada

Leadership/Mentoring Philosophy:

I believe the job of a leader and mentor is intertwined. Every day I approach my role as an academic with the intent to lead by example with integrity and passion for what I do. My goal is to have a positive impact on the lives of the students, staff, and the general public whom I interact with. My idea of achieving “greatness” is to be a positive role model, to help the people whom I mentor and supervise achieve their career and life goals, while striving to improve the human-animal bond.

Administrative/Leadership Experience:

07/2004- 12/2006 Vice-Chair WISEST (Women in Scholarship, Engineering, Science & Technology), University of Alberta, Edmonton, AB, Canada
Reported Directly to the Vice-President (Research), University of Alberta

General information about WISEST the Vice-Chair Position:

- high profile university position that I interviewed for and held concurrently with my departmental academic appointment
- position of Vice-Chair, since the inception of WISEST in 1982, had been held by one individual who was a recipient of the Order of Canada in 2006
- WISEST was originally formed to examine why women do not choose careers in Science and to ultimately increase gender diversity in male dominated fields

Regular Duties as Vice-Chair WISEST:

- 1) Signing authority and responsibility for all finances**
- 2) Supervision of the fulltime WISEST Coordinator and Undergraduate Staff whose primary duties were to organize the following programs:**

i) Choices

- two-day conference to which grade 6 girls and their teachers come to the University of Alberta to participate in science and engineering activities (~350 people).

ii) SET

- one-day conference to which young women in grades 10-12 come to the University of Alberta to participate in science and engineering activities. Teachers do not attend this program

iii) WISEST Summer Research Program

- WISEST’s landmark program
- prior to my tenure as Vice-Chair this program was focused on having young women (entering into grade 11 in the fall) gain research experience in non-traditional female careers
- during my tenure as Vice-Chair this program was expanded to also encourage young men in grade 11 to explore opportunities in career in which females were traditionally the majority work force
- in this program grade 11 students (both male and female) participate for 6 weeks in research projects at the University under the mentorship of University of Alberta Faculty
- their research experience culminates with the student presenting a research poster describing the research they worked on

- these poster presentations are given at a high profile media event called the “WISEST Celebration of Research”
- this event was attended by many high profile politicians and University Administrators

During the Choices, SET and WISEST programs my role as Vice-Chair was to:

- approve the budget and expenditures for all programs
- serve as a mentor/role model for the individual students that I personally mentored in my research lab, as well as serving as a mentor for all grade 11 participants (~60). I did this through attending lunch hour sessions, social events, and scheduled mentoring activities during the students’ six week participation at the University of Alberta.
- Host keynote speakers (i.e. Dr. Indira Samarasekera, President of University of Alberta- 2005; Senator Lillian Dyck – 2006) at the WISEST Celebration of Research.
- Give media interviews and speak to the audiences at the WISEST Celebration of Research and during each of the WISEST programs as requested.
- Host high school teachers for a day at an NSERC sponsored PromoScience Teachers Day held sometime during the 6 week period.

iii) Chair Quarterly WISEST Board Meetings

iv) Provide a “Vice-Chair” article for the bi-Annual WISEST Newsletter

v) UA-WiSE (Women in Science and Engineering Student Group)

Participate in quarterly scheduled activities in which U of A undergrad and graduate students seek career advice and mentoring.

vi) Public Relations/Student Recruitment

Represent WISEST and the University of Alberta at functions aimed at student recruitment or public relations.

Significant WISEST Initiatives I Accomplished as Vice-Chair:

1) Co-ordinated WISEST Retreat August 30 and 31, 2005

- Co-ordinated all aspects of the retreat including hiring of a retreat facilitator, assisting the facilitator in developing pre-retreat material, booking of the retreat venue and catering, and invitation of participants.
- 29 participants attended. The focus of the retreat was to develop a new WISEST vision statement, and discuss the future of WISEST and the mission statement and board structure of WISEST. These goals were all accomplished

2) Successful University Base-Budget Funding Request

- I wrote a successful grant proposal which almost doubled WISEST funding and enabled WISEST to move from being funded by annual contingency funds (eg) 2004-\$72,798) provided by the VP (Research) office to University of Alberta central base funding (\$149,312).
- Part of this budget included securing salary and benefits for a current position (WISEST Coordinator) and a newly developed position (WISEST research Coordinator).

3) Restructuring of WISEST Board

- Initiated and helped retreat members restructure the WISEST board from 33 members to a more streamlined number (12)
- Recruited individuals for new WISEST board and coordinated the election of the new board
- Increased board participation in WISEST activities
- Implemented WISEST Working Groups (Public Relations, Lobbying/Advocacy, Financial, Research, Student Liaison, Programs)
- Recruited chairs for two of the new WISEST Working Groups (Research and Public Relations)
- Helped recruit members for the WISEST working groups

4) Initiated Discussion To Develop a Support Network for Women in Academia

- Research I became aware of showed that many women in academic positions leave academia within 10 years of being hired. Just prior to leaving the position as Vice-Chair I encouraged the WISEST Board to consider developing an organization for women academics. WISER (Women in Science, Engineering, and Research) was subsequently developed after my departure and is now part of WISEST. This organization helps women who are in the early stages of their careers develop a network of support with other STEM women.

Overview of Companion Animal Program Success at NMSU:

- 2010 was hired to develop entirely new Companion Animal program
- I currently serve as the Director for Human-Animal Interaction Minor and Companion Animal Program both of which I developed
 - In these leadership positions I am extensively involved in community outreach, student recruitment, instruction of all courses, and academic advising
- I advocated for and am now currently the Director for a teaching/research/outreach learning facility for canine training and behavior (FIDO LAB)
- The table below provides concrete evidence of my ability to develop and lead a successful program
- **Over the past nine years the amount of revenue generated through student tuition from this program exceeds \$1 million dollars**

Yearly Student Credit Hours Taught in All Companion Animal Classes						
2013	2014	2015	2016	*2017	2018	2019
627	720	822	847	741	1,007	1,135

*On sabbatical during spring 2018 semester and courses were not offered

Research Grants:

Total career research grants awarded as principle investigator (PI): **\$1,375,420**

Total career research grants awarded as research team member: **\$401,828**

Invited Refereed Proceedings:

- 1) **Fasenko, G. M.**, E. E. O'Dea-Christopher, and J. A. Hamidu. 2009. Embryo Metabolism. *Proceedings of the Australian Poultry Science Symposium*. 20:99-105.
- 2) **Fasenko, G. M.**, 2009. Effects of hatching egg storage. *Proceedings of the Australian Poultry Science Symposium*. 20:112-115.
- 3) **Fasenko, G. M.**, E. E. O'Dea-Christopher, A. Ulmer-Franco, and L. Kawalilak. 2009. Chick Quality. *Proceedings of the Australian Poultry Science Symposium*. 20:162-166.
- 4) **Fasenko, G. M.** 2007. Egg Storage and the Embryo. *Poultry Science*. 86:1020-1024.

Refereed Journal Articles:

- 1) **Fasenko, G. M.**, J. E. Simonsen, J. M. Lillywhite (2015). Bond. Dog. Bond. U.S. Dog Owners and Interaction With Their Companion Dogs. *In preparation for submission to PLOS-ONE*.
- 2) Simonsen, J. E., **Fasenko, G. M.** and J. M Lillywhite. 2014. The Value-Added Dog Food Market: *Do Dog Owners Prefer Natural or Organic Dog Foods?* *Journal of Agricultural Science*. 6(6):86-97.
List of 31 more articles available upon request

Refereed Published Abstracts of Presentations:

- 1) **Fasenko, G. M.**, Lillywhite, J.M., & Simonsen, J.E. 2013. Bond. Dog Bond. Exploring the demographics of U.S. owners and their dogs. Proceedings of the 2013 AVMA Convention, Chicago, IL.
- 2) **Fasenko, G. M.** 2013. Dog Breed Stereotypes and the Influence on Human-Social Interaction. Proceedings of the 2013 AVMA Convention, Chicago, IL.
- 3) **Fasenko, G. M.** 2013. Freeing the Dog From the Box and Letting the Cat Out of the Bag. Development of a Companion Animal Program at NM State University to Improve Knowledge of Companion Animals and the Human Animal Bond. Proceedings of the 2013 AVMA Convention, Chicago, IL.
- 4) Lillywhite, J.M., J. E. Simonsen, & **G. M. Fasenko**, 2012. "Factors Influencing the Decision of U.S. Consumers to Purchase Specialty Dog Food." Poster presentation at the 2012 Shanghai, China: June 11-14, 2012.

List of 48 more abstracts available upon request

Books

- 1) Robinson, F. E., **G. M Fasenko**, and R. A. Renema, 2003. Optimizing Chick Production in Broiler Breeders. Spotted Cow Press, Edmonton, Alberta, 136 pages.
- 2) Robinson, F. E., **G. M Fasenko**, and R. A. Renema, 2003. New Developments in Reproduction and Incubation of Broiler Chickens. Spotted Cow Press, Edmonton, Alberta, 400 pages.

Book Chapters

- 1) **Fasenko, G. M.**, F. E. Robinson, V. L. Christensen. 2002. How long-term hatching egg storage affects the egg, the embryo, and the chick. *Pages. 33-40 in: Practical Aspects of Commercial Incubation in Poultry*. Ratite Conference Books, Oxford, UK.
- 2) **Fasenko, G. M.**, 2001. The first forty eight hours of embryonic life: Development before and after oviposition. *Pages. 7-14 in: Perspectives in fertilization and embryonic development in poultry*. Ratite Conference Books, Oxford, UK.

Volunteerism:

**May 2018-
Present**

Puppy Raising Leader, NMSU Community Puppy Raisers,
Proud Puppy Raisers for Guide Dogs for the Blind
New Mexico State University, Las Cruces, NM

**May 2017
Present**

Puppy Raiser, Guide Dogs for the Blind (GDB)
Las Cruces, NM
4 Puppies Raised:

**March 2014-
Present**

“Therapaws” Canine Handler
Certified “Therapy” (Animal Assisted Activity) Team Under National
Organization “Alliance of Therapy Dogs”
Las Cruces, NM

**January 2005-
January 2010**

Board Member “Pet Therapy Society of Northern Alberta”
(Animal Assisted Activity “Therapy” Organization)
Edmonton, AB, Canada

**January 2005-
January 2010**

**Test Evaluator for Canadian Kennel Club “Canine Good Citizen
Test” for “Pet Therapy Society of Northern Alberta”**
(Animal Assisted Activity “Therapy” Organization)
Edmonton, AB, Canada

**January 2000
January 2010**

“Pet Therapy Society of Northern Alberta” Canine Handler
Certified “Therapy” (Animal Assisted Activity) Team
Edmonton, AB, Canada

Professional Memberships:

01/2012- Present

International Society for Anthrozoology

Multidisciplinary society that focusses on research involving
human-animal interactions (HAI).

**04/2013 – 2015
2019-Present**

Text and Academic Authors Association