

# Curriculum Vitae

## Ryan O'Shaughnessy, Ph.D., MBA

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### **Personal Details**

Date of Birth: 19 December 1981

Nationality: United States Citizen

### **Contact Details:**

Email: [rosbaughnessy@sulross.edu](mailto:rosbaughnessy@sulross.edu) or [westtexasquailoutfitters@gmail.com](mailto:westtexasquailoutfitters@gmail.com)

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Address: 110 Deer Run Road, Alpine, TX 79830, USA.

### **Education**

#### **Master of Business Administration**

- Sul Ross State University, Alpine, Texas, USA
- January 2016 – December 2017
- 4.0 GPA
- Selected for induction to Delta Mu Delta

#### **Doctor of Philosophy (Ecology)**

- Southern Illinois University Carbondale, Carbondale, Illinois, USA
- January 2011 – December 2014
- 3.750 GPA
- Dissertation entitled: Factors determining habitat selection by spring migrating waterfowl along the Wabash River, Illinois.

#### **Master of Science (Ecology)**

- University of the Witwatersrand, Johannesburg, South Africa
- February 2007 – November 2010
- Thesis entitled: Comparative diet and habitat selection of puku and lechwe on the Chobe River floodplain, Botswana.

#### **Bachelor of Science with Honours (Ecology)**

- University of the Witwatersrand, Johannesburg, South Africa
- February 2006 – November 2006
- Thesis entitled: The relationship between dry season grass species selection and faecal nutrients of sable antelope in two regions of the Kruger National Park, South Africa.

#### **Bachelor of Science (Animal, Plant and Environmental Science)**

- University of the Witwatersrand, Johannesburg, South Africa
- February 2001 - November 2003

## **Work Experience**

### **Associate Professor**

- Department of Natural Resource Management, College of Agricultural and Natural Resource Science, Sul Ross State University, Alpine, Texas
- Responsible for the Agricultural business concentration within the department of Natural Resource Science, including teaching classes, class development, student mentoring, student retention, etc.
- August 2019 - Present
- Current classes taught:
  - AGB 2302 – Agricultural Economics
  - AGB 4303 – Agricultural Business Management
  - AGB 4301 – Sustainability and Diversity in Ranch Management
  - RCH 3302 – Outdoor Hospitality Industry
  - NRM 5328 – Principles of Game Management
  - AGB 3302 – Agricultural Marketing
  - AGB 3304 – Range Use Economics
  - NRM 4308 – Big Game Management
  - AGB 4303 – Farm and Ranch Records and Accounting
  - AGB 2302 – Introduction to Ranch Economics

### **Assistant Professor**

- Department of Natural Resource Management, College of Agricultural and Natural Resource Science, Sul Ross State University, Alpine, Texas
- Responsible for the Agricultural business concentration within the department of Natural Resource Science, including teaching classes, class development, student mentoring, student retention, etc.
- October 2015 – August 2019
- Classes taught:
  - AGB 2302 – Agricultural Economics
  - AGB 4303 – Agricultural Business Management
  - AGB 4301 – Sustainability and Diversity in Ranch Management
  - RCH 3302 – Outdoor Hospitality Industry
  - NRM 5328 – Principles of Game Management
  - AGB 3302 – Agricultural Marketing
  - AGB 3304 – Range Use Economics
  - NRM 4308 – Big Game Management
  - AGB 4303 – Farm and Ranch Records and Accounting
  - AGB 2302 – Introduction to Ranch Economics
  - NRM 5313 – Biostatistical Analysis

### **West Texas Quail Outfitters**

- CFO and COO of West Texas Quail Outfitters in Alpine, Texas.
- We specialize in offering guided quail hunts in the Trans-Pecos region of Texas. My responsibilities include finance, advertising, guiding, food and beverage service, logistics, maintenance, etc.
- June 2015 - Present

### **Post-Doctoral Research Scientist**

- Borderlands Research Institute for Natural Resource Management, Sul Ross State University, Alpine, Texas
- Responsibilities include active research, preparing grants, mentoring students, preparing publications etc.

- January 2014 – October 2015

**Graduate Research Assistant**

- Cooperative Wildlife Research Laboratory, Department of Zoology, Southern Illinois University Carbondale, Carbondale, Illinois.
- My dissertation investigated the main factors responsible for habitat selection by spring migrating waterbirds.
- October 2010 – January 2014

**Information Technology Specialist**

- Cooperative Wildlife Research Laboratory, Department of Zoology, Southern Illinois University Carbondale, Carbondale, Illinois.
- July – October 2013

**Jones Landscaping**

- Jones Landscaping Company, Orlando, Florida, USA.
- July 2010 – September 2010

**Graduate Research Assistant**

- Centre for African Ecology, School of Animal, Plant and Environmental Science, University of the Witwatersrand, Johannesburg, South Africa
- February 2007 – November 2010

**Safari Lodge Manager**

- The Garden Lodge and Three Baobabs, O'Shaughnessy's (Pty) Ltd., Kasane, Botswana.
- April 2007 – December 2009

**Biochemical Laboratory Technician**

- H.C.A. Laboratories, London, England
  - October 2005 – January 2006
- Department of Chemical Pathology, St Georges Hospital, London, England
  - June 2005 – October 2005
- Department of Clinical Biochemistry, Kings College Hospital, London, England
  - May 2004 – August 2004

**Professional Rugby Player**

- Galwegians Rugby Club, Galway, Ireland
  - December 2003 – May 2004
- Union Sportive Thouarsaise Rugby, Thouars, France
  - August 2004 – June 2005
- Havant Rugby Football Club, Havant, England
  - October 2005 – February 2007

**Research and Laboratory assistant**

- Vector Control Reference Unit, National Institute for Communicable Diseases, Johannesburg, South Africa
  - March 2003 - July 2003

**Student Advising/Mentorship - Graduate Students**

**A. As Committee Chair**

*a. Master of Science (Thesis)*

**1. Current Students**

1. Maribel Glass - Project focus: influence of paspalum in wetlands to avifauna - Started Spring 2018
2. Jose Etchart - Project focus: Aoudad/bighorn interactions in the Trans-Pecos - Started Spring 2015

**2. Students Graduated**

1. Kaitlyn Williams –Project focus: grassland birds as indicators of habitat health – Graduated Spring 2019
2. Katie Sauer - Project focus: grassland birds as indicators of habitat health - Graduated Fall 2018
3. Ryan Anthony- Project focus: Seed bank dynamics/Waterfowl – Graduated Fall 2018
4. Justin French - Project focus: pronghorn/rangeland nutrition - Graduated Fall 2015
5. Taylor Garrison - Project focus: pronghorn movements/survival - Graduated Fall 2015

***b. Master of Science (non-Thesis)***

**1. Current Students**

**2. Students Graduated**

1. Samantha Kauk – Project focus: financial evaluation of SGS farms – Graduated Spring 2019
2. Breanna Sturges – Project focus: making a family orchard profitable – Graduated Fall 2018

***c. Master of Agriculture***

**1. Students Graduated**

1. Laura Garcia Martinez – Project focus: Swine/muscle growth/Amino acids – Graduated Spring 2016
2. Lisa Drumhiller - Project focus: physiological effects of travel on rodeo horse performance – Graduated Spring 2016

***d. McNair Undergraduate Research***

**1. Students Graduated**

- I. Laura Cardona - Project focus: the true cost of free education - Graduated Fall 2016

**B. As Committee Member**

***a. Master of Science***

**1. Current Students**

1. Trestan Bryant – Project focus: turkey relocation and survival – Started Spring 2018
2. Elizabeth Oaster - Project focus: Montezuma quail/brush thinning - Started Spring 2015
3. John Clayton Campbell - Project focus: Post-Translocation movements, survival, and habitat use of mule deer in west Texas - Started Spring 2015
4. Daniel Tidwell - Project focus: movements of deer following liberation - Started Spring 2014
5. Joshua Coward – Project focus: feral hog effects on vegetation structure – Started Fall 2018
6. Zoe Carroll – Project focus: parasites in quail – Started Fall 2018
7. Trey Johnson – Project focus: parasites in quail – Started Fall 2018
8. Rachel Bittner – Project focus: parasites in quail – Started Spring 2018

**2. Students Graduated**

1. Karlee Cork - Project focus: Montezuma quail/brush thinning - Graduated Fall 2017
2. Grant Lawrence - Project focus: Control of feral hogs in south Texas - Graduated Fall 2017

**Undergraduate Students:** I advise 5 – 15 undergraduate students enrolled in Agricultural Business classes.

## Grants

### **Total Grants as Lead Author: \$237,905.00**

**O'Shaughnessy, R.** 2018. Influence of paspalum in wetlands.

- United States Fish and Wildlife Service
- \$10,005.00

**O'Shaughnessy, R.** 2017. South Africa and Botswana student practical field trip.

- Safari Club International, Safari Club International Foundation
- \$16,000

**O'Shaughnessy, R.** 2016. Restoration of Sandia Springs Wetlands.

- Ducks Unlimited
- \$15,400.00

**O'Shaughnessy, R.,** Etchart, J. 2016. Aoudad and desert bighorn sheep interactions in the Chihuahuan Desert Grasslands in Texas.

- Dallas Safari Club
- \$5,000.00

**O'Shaughnessy, R.,** Luna, R., Harveson, L. and Collins, D. 2016. Using quail and Grassland birds as Indicators of Chihuahuan Desert Grassland Ecosystem Health.

- United States Fish and Wildlife Department
- \$21,500.00

**O'Shaughnessy, R.,** Luna, R., Harveson, L. and Hernandez, F. 2015. Aoudad and desert bighorn sheep interactions in the Chihuahuan Desert Grasslands in Texas.

- Safari Club International (various chapters, and SCI Foundation)
- \$30,000.00

**O'Shaughnessy, R.,** Luna, R., Harveson, L. and Collins, D. 2015. Using quail as indicators of Chihuahuan Desert grassland function.

- United States Fish and Wildlife Department
- \$45,500.00

**O'Shaughnessy, R.,** Collins, D., Luna, R., Harveson, L. and Vradenburg, J. 2014. Using seed bank dynamics to inform moist-soil management decisions in arid wetland systems in New Mexico and Texas.

- United States Fish and Wildlife Service
- \$75,000.00

**O'Shaughnessy, R.** 2014. Pronghorn fawn survival and capture.

- Safari Club International
- \$5,000.00

**O'Shaughnessy, R.,** Luna, R., Harveson, L. and Gray, S. 2014. An evaluation of survival and movements of mule deer living within an urban-rural landscape matrix in Alpine, Texas.

- The Mule Deer Foundation
- \$3,500.00

**O'Shaughnessy, R.** 2014. Request for sponsorship for the '26<sup>th</sup> Biennial Pronghorn Workshop' hosted at Sul Ross State University.

- Various funding organizations

- \$11,000.00

**Total Grants as Secondary Author: \$278,481.00**

Luna, R., O'Shaughnessy, R., Harveson, L. and Howard, R. 2014. Forest thinning and Montezuma quail habitat use.

- National Wild Turkey Federation
- \$178,481.00

Luna, R., O'Shaughnessy, R., Harveson, L. and Howard, R. 2015. Montezuma quail response to prescribed fire in the Capitan Mountains of New Mexico.

- Bureau of Land Management and National Wild Turkey Federation
- \$100,000.00

**Total Grants as Lead Author representing Committee Work and Service: \$2,000,000.00**

O'Shaughnessy, R., McClintock, R., Gray, S., Babb, H. and Harveson, L. 2014. Improving pronghorn habitat quality and connectivity in the Trans-Pecos

- Natural Resource Conservation Service (Environmental Quality Incentives Program, EQIP)
- Partnership between Borderlands Research Institute, Natural Resource Conservation Service, and Texas Parks and Wildlife Department
- \$2,000,000.00

**Publications**

- French, J.T., O'Shaughnessy, R., Harveson, L.A., Warnock, B.J., Garrison, T.O. and Gray, S.S. 2018. Selection of ecological sites by pronghorn in Trans-Pecos Region of Texas. *South Western American Naturalist*. Accepted 10/19/2018.
- Behney, A.C., O'Shaughnessy, R., Eichholz, M.W., and Stafford J.D. 2017. Indirect risk effects reduce feeding efficiency of ducks during spring. *Ecology and Evolution*, published online 15 November 2017: doi: 10.1002/ece3.3714
- O'Shaughnessy, R., Weaver, J.H., Tidwell, D.J., Harveson, L.H., Gray, S.S. and Hoffman, J.K. 2017. Does birth synchrony influence fawn survival of pronghorn in the Trans-Pecos region of Texas? *Proceedings of the Twenty-seventh Biennial Pronghorn Workshop, Montana*.
- O'Shaughnessy, R. and S.S. Gray, editors. 2015. *Proceedings of the Twenty-sixth Biennial Pronghorn Workshop*. Texas Parks and Wildlife Department, Alpine, Texas.
- Behney, A.C., O'Shaughnessy, R., Eichholz, M.W., and Stafford J.D. 2014. Influence of item distribution pattern and abundance on efficiency of benthic core sampling, *Wetlands*, published online 15 August 2014: doi:10.1007/s13157-014-0570-x
- O'Shaughnessy, R., Cain, J.W. and Owen-Smith, N. 2014. Comparative diet and habitat selection of puku and lechwe in northern Botswana. *Journal of Mammalogy* 95(5): 933-942.

**Publications in Review**

- French, J.T., O'Shaughnessy, R., Harveson, L.H., Warnock, B.J., Campbell, B., and Gray, S.S. *Modern Agricultural Science and Technology*. Using diet and nutrition data to determine pronghorn carrying capacity.
- Behney, A.C., O'Shaughnessy, R., Eichholz, M.W. and Stafford, J.D. *Behavioral Ecology*. Worth the reward? An assessment of risk-taking behavior of foraging ducks using food manipulations.
- Weaver, J., O'Shaughnessy, R., Harveson, L.A., Gray, S.S., and Waldrup, K.A. *Journal of Wildlife Disease*. Mineral levels, parasites, and disease in pronghorn.

## Publications in Preparation

- **O'Shaughnessy, R.**, Behney, A.C., Eichholz, M.W. and Stafford, J.D. *In Prep.* A test of the ideal free distribution in spring migrating waterfowl.
- **O'Shaughnessy, R.**, Behney, A.C., Eichholz, M.W. and Stafford, J.D. *In Prep.* If they're not following an ideal free distribution, then what are they following? Determining factors influencing distribution of spring migrating waterfowl.
- **O'Shaughnessy, R.**, Behney, A.C., and Eichholz. *In Prep.* The influence of precipitation and flooding on the distribution of spring migrating birds.
- **O'Shaughnessy, R.**, Behney, A.C., and Eichholz, M.W. *In Prep.* The influence of environmental filters on local-regional community structure in spring migrating waterfowl.
- **O'Shaughnessy, R.**, Jaques, S., Harveson, L.A. and Gray, S.S. *In Prep.* Prediction of pronghorn stress during translocation.

## Professional Presentations

- **O'Shaughnessy, R.**, Weaver, J.H., Tidwell, D.J., Harveson, L.A., Gray, S.S. and Hoffman, J.K. 2016. Does birth synchrony influence fawn survival of pronghorn.
  - 27<sup>th</sup> Biennial Pronghorn Workshop, Hot Springs, Montana, September 2016
- **O'Shaughnessy, R.** 2016. Managing Wetlands in the Desert.
  - Trans-Pecos Wildlife Conference, Alpine, Texas, August 2016
- **O'Shaughnessy, R.**, Weaver, J.H., Tidwell, D.J., Harveson, L.A., Gray, S.S. and Hoffman, J.K. 2016. Does birth synchrony influence fawn survival of pronghorn.
  - Texas Chapter of The Wildlife Society, Austin, Texas, February 2016
- Anthony, R.S., **O'Shaughnessy, R.**, Luna, R.S. and D.P. Collins. 2016. Seed-bank and invertebrate potential of moist-soil wetlands in the Southwest.
  - North American Duck Symposium, Annapolis Maryland, USA, February 2016.
- Behney, A. C., **O'Shaughnessy, R.**, Eichholz, M.W. and Stafford, J.D. 2012. Patterns of duck foraging behavior during spring migration in Illinois.
  - North American Duck Symposium, Annapolis Maryland, USA, February 2016.
- **O'Shaughnessy, R.**, Jaques, S., Harveson, L.A. and S.S. Gray. 2014. Prediction of pronghorn stress during translocation.
  - 51<sup>st</sup> Annual Meeting of the Texas Chapter of The Wildlife Society, Corpus Christi, Texas, USA, February 2015.
- French, J.T., **R. O'Shaughnessy**, L.A. Harveson, B.J. Warnock and S.S. Gray. 2014. Estimating capacity of available forage to sustain pronghorn in the Trans-Pecos.
  - 51<sup>st</sup> Annual Meeting of the Texas Chapter of The Wildlife Society, Corpus Christi, Texas, USA, February 2015.
- Garrison, T., L. Harveson, **R. O'Shaughnessy**, and S. Gray. 2015. Post-release movements of translocated pronghorn in Trans-Pecos, Texas.
  - 51<sup>st</sup> Annual Meeting of the Texas Chapter of the Wildlife Society, Corpus Christi, Texas, USA, February 2015.
- Garrison, T., L. Harveson, **R. O'Shaughnessy**, and S. Gray. 2015. Post-release survival of translocated pronghorn in Trans-Pecos, Texas.
  - 51<sup>st</sup> Annual Meeting of the Texas Chapter of the Wildlife Society, Corpus Christi, Texas, USA,

February 2015.

- **O'Shaughnessy, R.**, Harveson, L.A. and S.S. Gray. 2015. Restoring pronghorn populations in the Trans-Pecos.
  - Invited seminar, Texas Tech University, Lubbock, Texas, USA, February 2015.
- Garrison, T., L. Harveson, **R. O'Shaughnessy**, and S. Gray. 2014. Pronghorn restoration in Trans-Pecos, Texas: where are we now?
  - Society for Ecological Restoration, Texas Chapter of the Society for Ecological Restoration, Southwest Chapter Join Conference, Alpine, Texas, USA, October 2014.
- **O'Shaughnessy, R.**, Jaques, S., Harveson, L.A. and S.S. Gray. 2014. Prediction of pronghorn stress during translocation.
  - 26th Biennial Pronghorn Workshop, Alpine, Texas, USA, May 2014.
- Weaver, J.H., **O'Shaughnessy, R.**, Harveson, L.A. Waldrup, K.A. and S.S. Gray. 2014. Prevalence of diseases in Texas pronghorn.
  - 26th Biennial Pronghorn Workshop, Alpine, Texas, USA, May 2014.
- **O'Shaughnessy, R.**, French, J. Cain, J.W., Owen-Smith, N., Harveson, L.A. and S.S. Gray. 2014. Toward a universal method for determining diet.
  - 26th Biennial Pronghorn Workshop, Alpine, Texas, USA, May 2014.
- French, J.T., **R. O'Shaughnessy**, L.A. Harveson, B.J. Warnock and S.S. Gray. 2014. Habitat selection of pronghorn in the Trans-Pecos.
  - 26th Biennial Pronghorn Workshop, Alpine, Texas, USA, May 2014.
- Garrison, T., L. Harveson, S. Gray, and **R. O'Shaughnessy**. 2014. Post-release survival and movements of translocated pronghorn in Trans-Pecos, Texas.
  - Western Association of Fish and Wildlife Agencies 26th Biennial Pronghorn Workshop, Alpine, Texas, USA, May 2014.
- **O'Shaughnessy, R.**, Behney, A.C., Eichholz, M.W. and Stafford, J.D. 2012. Testing the ideal free distribution of spring migratory waterfowl along the Wabash River, Illinois.
  - 72<sup>nd</sup> Midwest Fish and Wildlife Conference, Des Moines, Iowa, USA, December 2012.
- **O'Shaughnessy, R.**, Cain, J.W. and Owen-Smith, N. 2012. Feeding ecology of puku and lechwe on the Chobe River floodplains, Botswana.
  - 1<sup>st</sup> Annual Caracal Community Conference, Kasane, Botswana, July 2012.
- **O'Shaughnessy, R.**, Behney, A.C., Eichholz, M.W. and Stafford, J.D. 2013. Testing the ideal free distribution of spring migratory waterfowl along the Wabash River, Illinois.
  - 6<sup>th</sup> Ecology and Conservation of North American Waterfowl Conference, Memphis, Tennessee, USA, January 2013.
- Behney, A. C., **O'Shaughnessy, R.**, Eichholz, M.W. and Stafford, J.D. 2012. Patterns of duck foraging behavior during spring migration in Illinois.
  - Midwest Fish and Wildlife Conference, Wichita, Kansas, USA, December 2012.
- Behney, A. C., **O'Shaughnessy, R.**, Eichholz, M.W. and Stafford, J.D. 2012. Ecological factors influencing foraging behavior of birds during spring migration.
  - 5<sup>th</sup> North American Ornithological Conference, Vancouver, British Columbia, Canada, August 2012.
- Behney, A. C., **O'Shaughnessy, R.**, Eichholz, M.W. and Stafford, J.D. 2013. Ecological factors influencing foraging behavior of ducks during spring migration.
  - 20<sup>th</sup> The Wildlife Society Annual Conference, Milwaukee, Wisconsin, USA, October 2013.

## **Professional Posters**

**O'Shaughnessy, R., Behney, A.C. and Eichholz, M.W.** 2013. How environmental filters refine local communities from broad-scale regional pools.

- 20<sup>th</sup> The Wildlife Society Annual Conference, Milwaukee, Wisconsin, USA, October 2013.

**O'Shaughnessy, R., Behney, A.C., Eichholz, M.W. and Stafford, J.** 2012. Testing the ideal free distribution of spring migratory waterfowl along the Wabash River, Illinois.

- 3<sup>rd</sup> Pan European Duck Symposium, Jindrichuv Hradec, Czech Republic, April 2012.

**Behney, A. C., O'Shaughnessy, R., Eichholz, M.W. and Stafford, J.D.** 2012. Ecological factors influencing foraging behavior of ducks during spring migration in the Wabash River floodplain, USA.

- 3<sup>rd</sup> Pan European Duck Symposium, Jindrichuv Hradec, Czech Republic, April 2012.

**O'Shaughnessy, R., Behney, A.C., Eichholz, M.W. and Stafford, J.** 2012. Testing the ideal free distribution of spring migratory waterfowl along the Wabash River, Illinois.

- 5<sup>th</sup> North American Ornithological Conference, Vancouver, British Columbia, Canada, August 2012.

### **Presentation Judging Experience**

Served as an invited judge for oral presentations for the Clarence Cottam Award at the Texas Chapter of the Wildlife Society

- 52<sup>nd</sup> Annual meeting of the Texas Chapter of the Wildlife Society, San Antonio, Texas, February 2016

Served as an invited judge for oral presentations for the Clarence Cottam Award at the Texas Chapter of the Wildlife Society

- 51<sup>st</sup> Annual meeting of the Texas Chapter of the Wildlife Society, Corpus Christi, Texas, February 2015

Served as an invited judge for the best student oral presentation and student poster at the Midwest Fish and Wildlife Conference

- 72<sup>nd</sup> Annual meeting of the Midwest Fish and Wildlife Conference, Des Moines, Iowa, December 2012

### **Professional Appointments**

Safari Club International Game Birds of the World Committee (Africa sub-group chair)

- Appointment began January 2016 – position ongoing

Safari Club International Conservation Committee

- Appointment began July 2015 – position ongoing

Faculty Advisor for the SRSU Archery Club

- Appointment began January 2015 – position ongoing

Hiring committee for Job No: 15-23A, for the position of Research Scientist (Post-Doc) in the Department of Natural Resource Management

- Appointment November 2014 to April 2015

### **Media Experience**

Project Upland (National exposure)

- Interview on hunting desert quail
- Released date April, 2018

The Noble Lab – Short film (National exposure)

- Short film on quail hunting with West Texas Quail Outfitters
- Released May, 2018

Orvis Hunting and Shooting Podcast (National exposure)

- Interview “The unique and fascinating West Texas Scaled Quail”
- Aired March, 2017
- National Public Radio (Marfa, Texas)
- Interview regarding wetlands and waterfowl in arid landscapes
- Aired June 2015
- National Public Radio (Marfa, Texas)
- Interview regarding pronghorn in Texas
- Aired April 2015
- National Public Radio (Marfa, Texas)
- Interview regarding pronghorn in Texas
- Aired May 2014

### **Volunteer Experience**

Member of Conservation Committee of Safari Club International Foundation

- January 2015 - Present

Secretary of Trans-Pecos Quail Coalition Chapter

- July 2016 - Present

Illinois Department of Natural Resources

- Flood clean-up, May 2011.

72<sup>nd</sup> Midwest Fish and Wildlife Conference

- Presentation judge, December 2011.

Illinois Department of Natural Resources

- Goose banding, June/July 2011, 2012 and 2013.

Friends of Crab Orchard National Wildlife Refuge (USFWS)

- Daily goose-blind drawing for hunters, December 2011 and 2012.

6<sup>th</sup> Ecology and Conservation of North American Waterfowl Conference

- Presentation judge and session moderator, January 2013.

Ducks Unlimited

- Southern Illinois University Carbondale Student Chapter and Carterville, Illinois Chapter, October 2010 to January 2014.

### **Club or Society Memberships**

Safari Club International

Quail Forever

Quail Coalition

The Wildlife Society

Texas Wildlife Association

CMAS certified SCUBA diver