

*Curriculum Vitae*  
01 March 2017

## **James C. Cathey**

### **EDUCATION**

- 1997 Ph.D. Wildlife Sciences, Texas Tech University, Lubbock, Texas USA, Co-Advisors: Loren M. Smith and Robert J. Baker.
- 1993 M.S. Wildlife and Fisheries Sciences, Texas A&M University, College Station, Texas USA, Major Professor: John W. Bickham.
- 1991 B.S. Wildlife and Fisheries Sciences, Texas A&M University, College Station, Texas USA.

### **PROFESSIONAL EMPLOYMENT**

March 1, 2017 – present - Associate Director, Texas A&M Natural Resources Institute, Texas A&M University.

July 01, 2012 –February 28, 2017 – Associate Department Head and Program Leader, Professor (September 2015) and Extension Wildlife Specialist, Wildlife and Fisheries Extension Unit, Texas AgriLife Extension Service, Department of Wildlife and Fisheries Sciences, Texas A&M University.

September 1, 2009-present - Associate Professor and Extension Wildlife Specialist, Texas AgriLife Extension Service, Department of Wildlife and Fisheries Sciences, Texas A&M University.

March 1, 2005-August 31, 2009 - Assistant Professor and Extension Wildlife Specialist, Texas AgriLife Extension Service, Department of Wildlife and Fisheries Sciences, Texas A&M University.

April 1, 2002-February 28, 2005 - Assistant Professor, Texas Agricultural Experiment Station, Department of Wildlife and Fisheries Sciences, Texas A&M University.

September 1997-March 2002 - Natural Resource Specialist - Research Scientist, Gus Engeling and Richland Creek Wildlife Management Areas, Texas Parks and Wildlife Department.

### **INTERESTS**

Conservation Education, Ecology, Mammalogy, Natural History, and Wildlife Management

### **AWARDS, HONORS, AND CERTIFICATIONS**

- Graduate LEAD21 Class 11, Leadership for the 21<sup>st</sup> Century. 2016.
- Texas Chapter of the Wildlife Society's Outstanding Achievement Award (Team). 2016.
- Texas A&M AgriLife Extension Service 10-year Service Commendation. 2015.
- Texas Chapter of the Wildlife Society's Outstanding Technical Publication Award, Eastern Wild Turkeys in Texas: Biology and Management, WF-011, 2015.
- Association of Former Students Distinguished Achievement Award in Extension, Outreach, Continuing Education, and Professional Development, 2015.

### **GRANTS AND CONTRACTS**

*Financial and Program Support of Extension and Research Activities*

Table 2. Summary of contract and grant values, while employed by TAMU.

		Total Grant	Directed Funds	Funding Agency
2016	PI	1,000,000	434,204	State Initiative Quail
2016	PI	100,000	100,000	TPWD Texas Master Naturalist
2016	PI	25,000	25,000	San Antonio River Authority
2016	PI	90,000	90,000	Rolling Plains Quail Research Foundation
2016	PI	90,000	90,000	TPWD Hunter Education
2016	PI	177,168	177,168	EPA 319 TSSWCB
2016	PI			Henderson-Wessendorff Foundation
<b>Sub-total 2016</b>		<b>1,482,168</b>	<b>916,372</b>	
2015	PI	25,000	25,000	San Antonio River Authority
2015	PI	1,000,000	434,203	State Initiative Quail
2015	PI	90,000	90,000	TPWD Hunter Education
2015	PI	75,000	75,000	TPWD Texas Master Naturalist
2015	PI	117,046	117,046	Rolling Plains Quail Research Foundation
2015	PI	196,442	196,442	EPA 319 TSSWCB
<b>Sub-total 2015</b>		<b>1,503,488</b>	<b>937,691</b>	
<b>Sub-total 2014</b>		<b>1,531,928</b>	<b>931,928</b>	
<b>Sub-total 2013</b>		<b>1,535,610</b>	<b>763,154</b>	
<b>Sub-total 2012</b>		<b>466,936</b>	<b>466,936</b>	
<b>Sub-total 2011</b>		<b>249,619</b>	<b>249,619</b>	
<b>Sub-total 2010</b>		<b>292,512</b>	<b>292,512</b>	
<b>Sub-total 2009</b>		<b>281,851</b>	<b>281,851</b>	
<b>Sub-total 2008</b>		<b>145,515</b>	<b>145,515</b>	
<b>Sub-total 2007</b>		<b>161,096</b>	<b>161,096</b>	
<b>Sub-total 2006</b>		<b>81,000</b>	<b>81,000</b>	
<b>Sub-total 2004</b>		<b>302,478</b>	<b>143,834</b>	
<b>Sub-total 2003</b>		<b>356,948</b>	<b>83,224</b>	
<b>Total</b>		<b>6,712,539</b>	<b>4,341,918</b>	

**Refereed Journal Articles (partial list)**

- 1) Parker, I. D., R. Lopez, R. Padia, M. Gallagher, R. Karthikeyan, J. C. Cathey, N. J. Silvy, and D. S. Davis. 2014. Role of free-ranging mammals in the deposition of *Escherichia coli* into a Texas floodplain. *Wildlife Research* **40**, 570–577.
- 2) Parker, I. D., R. R. Lopez, N. J. Silvy, D. S. Davis, and **J. C. Cathey**. 2012. Alternative methodology for handling and marking meso-mammals for short-term research. *Wildlife Biology in Practice*. 8:20-25.
- 3) Cooper, S. M., H. M. Scott, G. R. de la Garza, A. Deck, and **J. C. Cathey**. 2010. Distribution and interspecies contact of feral swine and cattle on rangeland in south Texas: implications for disease transmission. *Journal of Wildlife Disease* 46:152-164.
- 4) Dozier, M.C., B. Lesikar, **J.C. Cathey**, J. Mechell, J. Smith, B. Rector, B. Davis, and B. Kniffen. 2009. What's old is new again: harvesting the rain in Texas. *Journal of Arid Land Studies*. 19(1):85-88.

***Extension Articles – Peer Reviewed partial list \* indicates supervised employee, \*\* indicates graduate student***

- 1) James, A., M. Osborn, B. Kubecka, R. Ruzicka, J. Helcel, J. Hardin, R. Perez, and J. C. Cathey. 2016. Potential Causes for the Decline of Quail in Texas. *In Press*.
- 2) Helcel, J., P. Teel, M. Tyson, J. Cash, T. Hensley, and J.C. Cathey. 2016. Wild Pigs and Ticks: Implications for Livestock Production, Human and Animal Health. Texas A&M AgriLife Extension Service EWF-033. Pp. 1-13. February 2016
- 3) Helcel, J., M. Tyson, J. Cash and J. C. Cathey. 2015. Reducing non-target species interference while trapping wild pigs. Texas A&M AgriLife Extension Service WF-030 Pp. 1-11.
- 4) James, A., M. Marshall, B. Hays, J. Hardin, R. Perez, and J. C. Cathey. Habitat guide for northern bobwhite. Texas A&M AgriLife Extension Service WF-020 Pp. 1-17.
- 5) \*Alldredge, B.E., N. Dictson, J. Goodwin and **J.C. Cathey**. 2014. Riparian Restoration on Farms and Ranches in Texas. Texas AgriLife Extension Service. WF-010 Pp. 1-28.
- 6) \*Alldredge, B.E., J. Hardin, J. Isabelle, J. Whiteside, S. Parsons, W. Conway and **J.C. Cathey**. 2014. Eastern Wild Turkey in Texas: Biology and Management. Texas AgriLife Extension Service. WF-011 Pp. 1-20.

***Extension Publications translated to Spanish partial list \* indicates supervised employee***

- 1) Wright, B., **J. C. Cathey**, and R. Lyons. 2015. El Monitoreo del Habitat de las codornices en los pastizales de pastoreo en Texas. Texas AgriLife Extension Service Publication B-6172 Pp.1-17.
- 2) D. Rollins, N. Wilkins, J. Brooks, D. Ransom. 2015. Estimando poblaciones de codorniz. Texas A&M AgriLife Extension Service Pp. 1-9. Cathey facilitated
- 3) \*Lewis, C., M. Berg, **J. C. Cathey**, J. Gallagher, Nikki Dictson, and M. McFarland. 2010. Reconocimiento de las senales del marrano salvaje. Texas AgriLife Extension Service Publication E-2665 (L-5523) Pp. 1-4.

***Thesis and Dissertation***

- 1) Cathey, J. C. 1997. Assessing genetic variation in natal populations of small Canada geese via microsatellite loci. Ph.D. Dissertation, Texas Tech University, Lubbock, Texas, USA.
- 2) Cathey, J. C. 1993. Sequence analysis of a zinc-finger gene for the examination of paternal lineages and introgressive hybridization in North American deer. Thesis, Texas A&M University, College Station, Texas, USA.

***Edited Conference Proceedings partial list***

- 1) Ruzicka, R., D. Rollins, and J. C. Cathey. 2015. Proceedings of the State-wide Quail Symposium. Texas A&M AgriLife Extension Service Pp. 1-63.

***Social Media Education Delivery - Web-based Articles partial list***

- 1) Cathey, J.C. 2014. Several Honors Received at the Texas Chapter of the Wildlife Society Annual Meeting (Posted 02/28/2014).
- 2) Cathey, J.C. 2013. Land Management Resources for New Landowners (Posted 05/06/2013).
- 3) Cathey, J.C. 2013. Video Showcases Wildlife Management Resources for New Landowners (Posted 02/13/2013).

### **Web-based Videos (\* indicates undergraduate, \*\* indicates employee)**

1. Hardin, J.,\*\*B.E. Alldredge, \*\*K. Tyson, and J.C. Cathey. 2014. History of Eastern Wild Turkey Restoration. (posted on YouTube 09/29/2014).
2. Baird, M.,\*\*B.E. Alldredge, \*\*K. Tyson, and J.C. Cathey. 2014. Eastern Wild Turkey Restoration: A Landowner's Perspective. (posted on YouTube 09/29/2014).
3. White, R.,\*\*B.E. Alldredge, \*\*K. Tyson, and J.C. Cathey. 2014. Nesting Requirements and Management for Eastern Wild Turkey. (posted on YouTube 09/29/2014).
4. White, R.,\*\*B.E. Alldredge, \*\*K. Tyson, and J.C. Cathey. 2014. Habitat Management for Eastern Wild Turkey. (posted on YouTube 09/29/2014).

### **iPhone Apps Created**

- 1) Northern Bobwhite Management Calendar
- 2) Northern Bobwhite Habitat Evaluation
- 3) White-tailed Deer Management Calendar
- 4) Texas Farm Pond Management Calendar
- 5) Rangeland Livestock Grazing Stocking Rate Calculator
- 6) Feral Hog Management

## **UNDERGRADUATE AND GRADUATE TEACHING AND EMPLOYEE MENTORING**

### Undergraduate Mentoring

- 1) Harli Ware, Freshman, student worker, 2016.
- 2) Krista Ruppert, Senior, student worker, 2016.
- 3) Hannah Gerke, Junior, student worker, 2016
- 4) Timothy Johnson, Freshman, student worker, 2015 - present.
- 5) Robert "Cole" Payne, Sophomore, student worker, 2014-2016.
- 6) David Riley, Senior, student worker, 2014 – 2015.
- 7) Mason Lee, Senior, student worker, 2014 – 2015.
- 8) Morgan Osborn, Sophomore, student worker, 2014 – 2016.
- 9) James Cash, Freshman, student worker, 2014 – present.
- 10) Matt Wilkins, Sophomore, student worker, 2013 – 2014.
- 11) Andy Reid, Senior, student worker, 2012 – 2013.
- 12) Justin French, Senior, student worker, 2012 – 2013.
- 13) Takona Tipton, Junior, student worker, 2012-2013.
- 14) Bobby Alcorn, Junior, student worker, 2012-2013.
- 15) John Tomecek, Freshman, Wild Wondering Blog contributor and student worker, 2012 – 2013.
- 16) Maria Box, WFSC, Sophomore, Wild Wondering Blog contributor, 2011 – present.
- 17) Chelsea Martin, WFSC Junior, Student Intern, Important plants in wetland management, 2007-2008.
- 18) Jake Wimberly, WFSC Junior, Rio Grande Wild Turkey Publication and CD, 2009-2010.
- 19) Nick Herzog, WFSC Senior, Predators of Rio Grande wild turkey, Texas Cooperative Extension educational posters 2007-2008.

### Graduate Committee Chair / Co-Chair

- 1) Larry Redmon, A landowner's guide to wildlife property valuation, (Chair), Texas A&M University, MS Non-thesis, 2007-2010.

- 2) Davilla Riddle, Evaluation of Water Conservation Practices for Landowners, (Chair), Texas A&M University, MS Non-thesis, 2006-2008.
- 3) Aubrey Deck, Contact rates among feral swine and domestic cattle in Texas: addressing vulnerability to foreign-animal diseases, (Chair), Texas A&M University, MS Thesis, 2004-2006.

#### Graduate Committee Member partial list

- 1) Addie Engling, Texas A&M University, MS 2014-2015
- 2) Michaela Murphy, National assessment of the status of urban wildlife management. Texas A&M University, MS, 2012 – 2013.
- 3) Pam Hunt, Texas A&M University, Evaluation of Trinity Waters Social Media. MS, 2012 – 2013.
- 4) Haemish Meville, The impacts of three common mesopredators on the reintroduced population of eastern wild turkeys in Texas. Texas A&M University, Ph.D. Dissertation 2008 – 2012.

#### **PROFESSIONAL MEMBERSHIPS**

- Texas Society of Mammalogists
- Texas Chapter of the Wildlife Society
- The Wildlife Society

#### **PROFESSIONAL SERVICES AND COMMITTEES**

- The Wildlife Society
- External reviewer for Journal of Wildlife Management
- External reviewer for National Fish and Wildlife Foundation grant application
  
- The Texas Chapter of the Wildlife Society
- Past-president 2007-2008
- President 2006-2007
- President-elect 2005-2006
- Vice-President 2004-2005
- Board Member At-Large 2003-2004