

TEXAS STATE VITA

I. Academic/Professional Background

A. Name: Joseph A. Veech

Title: Associate Professor (September 2014)

B. Educational Background

Degree	Year	University	Major	Thesis/Dissertation
Ph.D.	2000	University of Nevada, Reno	Ecology, Evolution, and Conservation Biology	Dissertation: Apparent competition among the seeds of desert plants: causes and consequences. Advisor: Stephen H. Jenkins
M.S.	1992	New Mexico State University	Biology	Thesis: Reproductive character displacement in a cricket hybrid zone. Advisor: Daniel J. Howard
B.S.	1989	Texas A&M University	Zoology	none

C. University Experience

Position	University	Dates
Associate Professor	Texas State University	9/2014
Assistant Professor	Texas State University	9/2008 – 8/2014
Research Assistant Professor	University of Northern Colorado	9/2004 – 8/2008
Research Associate	Colorado State University	9/2002 – 8/2004
Post-doctoral Scholar	Miami University (Oxford, OH)	8/2000 – 8/2002

D. Relevant Professional Experience

Associate Editor, Journal of Biogeography

Software Developer – PARTITION 3.0 (software for conducting analyses of species diversity) – downloaded and used by thousands of researchers.

Continuing advising for email inquiries about using PARTITION 3.0 and PMOD-SPCO

Co-developer of R-package 'cooccur' (w/Daniel Griffith and Charles Marsh) – R code for running probabilistic model of species co-occurrence.

E. Teaching Honors and Awards:

Four official citations from the Student Affairs Office – program that requests freshman students to name a faculty member that most contributed to their freshman year success.

Seven official citations Student Affairs Office – program that requests graduating undergrad and grad students to name a faculty member that most contributed to their success and development.

F. Courses Taught:

Scientific Writing (University of Northern Colorado)

Ecology (Miami University and University of Northern Colorado)

Organismal Biology (BIO 1431, 1331 - Texas State University)

Population and Conservation Biology (BIO 7428 – Texas State University)

Biological Resources: Conservation and Planning (BIO 4350F – Texas State University)

Bird Conservation and Management (BIO 4350I – Texas State University)

G. Graduate Theses/Dissertations or Exit Committees:

1. Main Advisor

Aaron Rinker, M.S. 2008, University of Northern Colorado

Bindu Viswanathan, M.S. 2010

Erin Feichtinger, M.S. 2012

Doug Phillips, M.S. 2012 (Co-Advisor with Randy Simpson)

Katherine Cummings, M.S. 2013

Matt Haverland, M.S. 2014

Stephanie Miller, M.S. 2014

John Muller, M.S. 2015

Suzanne Whitney, Ph.D. 2015

Tempest Cave, M.S. (in progress)

Laura Bliss, M.S. (in progress)

Miguel Aguilar, M.S. (in progress)

Shalyn Gordon, M.S. (in progress)

Kim Ort, M.S. (in progress)

Alyssa Fink, M.S. (in progress)

Caley Zuzula, M.S. (in progress)

2. Member of Graduate Committee

Students that have graduated:

Dana Spontak, M.S. 2009 (Advisor: Baccus)

Margaret Collins, M.S. 2009 (Advisor: Baccus)

Jared Timmons, M.S. 2010 (Advisor: Baccus)

Jason Hunt, M.S. 2010 (Advisor: Weckerly)

Alayne Fronimos, M.S. 2011 (Advisor: Baccus)

Sean Rissel, M.S. 2011 (Advisor: Green)

Chris Warren, M.S. 2011 (Advisor: Ott)

Lisa Jones, M.S. 2011 (Advisor: Schwinning)
Brock Geary, M.S. 2012 (Advisor: Green)
Jennifer Oakley, M.S. 2012 (Advisor: Simpson)
Craig Handley, M.S. (non-thesis) 2011 (Advisor: Nice)
Jeff Troy, Ph.D. 2013 (Advisor: Green)
Devin Preston, M.S. 2013 (Advisor: Forstner)
Susan Uthappuru, M.S. 2013 (Advisor: Castro-Arellano)
Jacquie Ferrato, M.S. 2013 (Advisor: Simpson)
Ginny Eaton, M.S. 2013 (Advisor: Bonner)
Melissa Phillips, M.S. 2014 (Advisor: Bonner)
Derek Wallace, M.S. 2015 (Advisor: Forstner)
Harlan Nichols, M.S. 2015 (Advisor: Bonner)
Myranda Clark, M.S. 2015 (Advisor: Bonner)

Matt Milholland, Ph.D. (Advisor: Castro-Arellano)
Michelle Curtis, M.S. (Advisor: Simpson)
Madison Torres, M.S. (Advisor: Castro-Arellano)
Angelita Rodriguez, M.S. (Advisor: Schwinning)
James Tolliver, M.S. (Advisor: Weckerly)
Austin Leone, M.S. (Advisor: Kristy Daniel)
Michelle (Kathryn) Benavidez (Advisor: Castro-Arellano)

H. Courses Prepared and Curriculum Development:

Biological Resources: Conservation and Planning
Bird Conservation and Management

III. SCHOLARLY/CREATIVE

A. Articles

Refereed Journal Articles (*manuscripts in review not listed*):
Current H-index: 19 – ISI Web of Science, 23 – Google Scholar

Veech, J. A., J. R. Ott, and J. R. Troy. 2016. Intrinsic heterogeneity in detection probability and its effect on N-mixture models. **Methods in Ecology and Evolution**, *final acceptance pending*

Strona, G. and J. A. Veech. 2015. A new measure of ecological network structure based on node overlap and segregation. **Methods in Ecology and Evolution** **6:907-915**.

Griffith, D. M., J. A. Veech, and C. J. Marsh. 2015. Cooccur: probabilistic species co-occurrence analysis in R. **Journal of Statistical Software**, *in press*.

Troy, J. R., N. D. Holmes, J. A. Veech, Andre F. Raine, and M. C. Green. 2014. Habitat suitability modeling for the Newell's shearwater on Kauai. **Journal of Fish and Wildlife Management** **5:315-329**.

Veech, J. A. 2014. The pairwise approach to analysing species co-occurrence. **Journal of Biogeography** **41:1029-1035** (*guest editorial*). (IF = 4.86)

- Cummings, K., and J. A. Veech. 2014. Assessing the influence of geography, land cover, and host species on the local abundance of a generalist brood parasite, the Brown-headed Cowbird. **Diversity and Distributions** **20:396-404**. (IF = 6.12)
- Troy, J. R., N. D. Holmes, J. A. Veech, and M. C. Green. 2013. Using observed seabird fallout records to infer patterns of attraction to artificial light. **Endangered Species Research** **22:225-234** (No IF for journal)
- Warren, C. C., J. A. Veech, F. W. Weckerly, L. O'Donnell, and J. R. Ott. 2013. Local abundance and detection heterogeneity in a territorial songbird. **The Auk** **130:677-688** (IF = 2.40)
- Warren, C. C., J. R. Ott, and J. A. Veech. 2013. Effects of slope, aspect, and canopy cover on site occupancy by Black-and-white Warblers (*Mniotilta varia*) and Golden-cheeked warblers (*Setophaga crysoptaria*) in the juniper-oak woodlands of central Texas. **American Midland Naturalist** **169:382-397** (IF = 0.67)
- Feichtinger, E. E. and J. A. Veech. 2013. Association of Scissor-tailed Flycatchers (*Tyrannus forficatus*) with specific land-cover types in south-central Texas. **Wilson Journal of Ornithology** **125:314-321**. (IF = 0.52)
- Veech, J. A. 2013. A probabilistic model for analyzing species co-occurrence. **Global Ecology and Biogeography** **22:252-260**. (IF = 7.22)
- Small, M. F., J. A. Veech, and J. L. R. Jensen. 2012. Local landscape composition around North American Breeding Bird Survey routes. **Ecology** **93:2298**. (IF = 5.18)
- Veech, J. A. 2012. Significance testing in ecological null models. **Theoretical Ecology** **5:611-616**. (IF = 2.05)
- Veech, J. A., M. F. Small, and J. T. Baccus. 2012. Representativeness of land cover composition along routes of the North American Breeding Bird Survey. **The Auk** **129:259-267**. (IF = 2.40)
- Small, M. F., J. A. Veech, and J. T. Baccus. 2012. A Comparison of White-winged Dove (*Zenaida asiatica*) densities obtained during morning and evening surveying. **Journal of Fish and Wildlife Management** **3:158-163**. (IF = 0.80)
- Fronimos, A. B., J. T. Baccus, M. F. Small, and J. A. Veech. 2011. Use of urban bird feeders by White-winged Doves and Great-tailed Grackles in Texas. **Bulletin of the Texas Ornithological Society** **44:34-40**. (No IF for journal).
- Veech, J. A., M. F. Small, and J. T. Baccus. 2011. The effect of habitat on range expansion of a native and an introduced bird species. **Journal of Biogeography** **38:69-77**. (IF = 4.86)
- Collins, M. L., M. F. Small, J. A. Veech, J. T. Baccus, and S. J. Benn. 2010. Dove habitat association based on remotely sensed land cover types in south Texas. **Journal of Wildlife Management** **74:1568-1574**. (IF = 1.64)
- Veech, J. A. and T. O. Crist 2010. Toward a unified view of diversity partitioning. **Ecology** **91: 1988 – 1992**. (IF = 5.18)
- Veech, J. A., and T. O. Crist. 2010. Diversity partitioning without statistical independence of alpha and beta. **Ecology** **91:1964-1969**. (IF = 5.18)

- Cardoso, P., P. A. V. Borges, and J. A. Veech. 2009. Testing the performance of beta diversity measures based on incidence data: the robustness to undersampling. **Diversity and Distributions** **15**:1081-1090. (IF = 6.12)
- Veech, J. A. and T. O. Crist. 2007. Habitat and climate heterogeneity maintain beta-diversity of birds among landscapes within ecoregions. **Global Ecology and Biogeography** **16**:650-656. (IF = 7.22)
- Veech, J. A. 2006. A probability-based analysis of temporal and spatial co-occurrence in grassland birds. **Journal of Biogeography** **33**:2145-2153. (IF = 4.86)
- Crist, T. O., and J. A. Veech. 2006. Additive partitioning of rarefaction curves and species-area relationships: unifying alpha, beta, and gamma diversity with sample size and habitat area. **Ecology Letters** **9**:923-932. (IF = 17.95)
- Veech, J. A. 2006. A comparison of landscapes occupied by increasing and decreasing populations of grassland bird species. **Conservation Biology** **20**:1422-1432. (IF = 4.36)
- Veech, J. A. 2006. Increasing and declining populations of northern bobwhites inhabit different types of landscapes. **Journal of Wildlife Management** **70**:922-930. (IF = 1.64)
- Summerville, K. S., T. D. Wilson, J. A. Veech, and T.O. Crist. 2006. Do body size and diet breadth affect partitioning of species diversity? A test with forest Lepidoptera. **Diversity and Distributions** **12**:91-99. (IF = 6.12)
- Veech, J. A., and S. H. Jenkins. 2005. Comparing the effects of granivorous rodents on survival of Indian ricegrass (*Oryzopsis hymenoides*) seeds in mixed and monospecific seed patches. **Western North American Naturalist** **65**:321-328. (IF = 0.37)
- Veech, J. A. 2005. Analyzing patterns of species diversity as departures from random expectations. **Oikos** **108**:149-155. (IF = 3.33)
- Crist, T. O., J. A. Veech, K. S. Summerville, and J. C. Gering. 2003. Partitioning species diversity across landscapes and regions: a hierarchical analysis of α , β , and γ diversity. **American Naturalist** **162**:734-743. (IF = 4.55)
- Veech, J. A., T. O. Crist, and K. S. Summerville. 2003. Intraspecific aggregation decreases the local species diversity of arthropods. **Ecology** **84**:3376-3383. (IF = 5.18)
- Summerville, K. S., M. J. Boulware, J. A. Veech, and T. O. Crist. 2003. Spatial variation in species diversity and composition of forest Lepidoptera in eastern deciduous forests of North America. **Conservation Biology** **17**:1045-1057. (IF = 4.36)
- Gering, J. C., T. O. Crist, and J. A. Veech. 2003. Additive partitioning of species diversity across multiple spatial scales: implications for regional conservation of biodiversity. **Conservation Biology** **17**:488-499. (IF = 4.36)
- Veech, J. A. 2003. Incorporating socioeconomic factors into the analysis of biodiversity hotspots. **Applied Geography** **23**:73-88. (No IF for journal)
- Veech, J. A., T. O. Crist, K. S. Summerville, and J. C. Gering. 2002. The additive partitioning of species diversity: recent revival of an old idea. **Oikos** **99**:3-9. (IF = 3.33)
- Summerville, K. S., J. A. Veech, and T. O. Crist. 2002. Does behavioral variation among butterfly species contribute to nestedness at fine spatial scales? **Oikos** **97**:195-204. (IF = 3.33)

Longland, W. S., S. B. Vander Wall, S. H. Jenkins, S. Pyare, and J. A. Veech. 2001. Seedling recruitment in Indian ricegrass (*Oryzopsis hymenoides*): are desert granivores mutualists or predators? **Ecology** **82:3131-3148**. (IF = 5.18)

Veech, J. A. 2001. The foraging behavior of granivorous rodents and short-term apparent competition among seeds. **Behavioral Ecology** **12:467-474**. (IF = 3.22)

Veech, J. A. 2000. Predator-mediated interactions among the seeds of desert plants. **Oecologia** **124:402-407**. (IF = 3.01)

Veech, J. A. 2000. A null model for detecting non-random patterns of species richness along spatial gradients. **Ecology** **81:1143-1149**. (IF = 5.18)

Veech, J. A., D. A. Charlet, and S. H. Jenkins. 2000. Interspecific variation in seed mass and the coexistence of conifer species, a null model test. **Evolutionary Ecology Research** **2:353-363**. (IF = 0.92)

Veech, J. A. 2000. Choice of species-area function affects identification of hotspots. **Conservation Biology** **14:140-147**. (IF = 4.36)

Vander Wall, S. B., W. S. Longland, S. Pyare, and J. A. Veech. 1997. Cheek pouch capacities and loading rates of heteromyid rodents. **Oecologia** **113:21-28**. (IF = 3.01)

Veech, J. A., J. H. Benedix, and D. J. Howard. 1996. Lack of calling song displacement between two closely related ground crickets. **Evolution** **50:1982-1989**. (IF = 4.86)

B. Published Abstracts:

Veech, J.A. 2004. Using structural equation modeling to test hypotheses of species diversity, Society for Integrative and Comparative Biology, Annual Meeting, New Orleans, LA

C. Reports:

Veech, J.A. and Muller, J.A. 2015. Report. Update on Sprague's Pipit Project. Submitted to Texas Comptroller's Office – Endangered Species Research Program.

Forstner, M.R.J., M.F. Small, J.A. Veech, and J.R. Dixon. 2011. Report. Data from field work, land cover change, and museum records of *Holbrookia lacerata* in Texas. Submitted to USFWS, July 25th 2011. 7pg

Veech, J.A. 2007. Report. Landscape-level analyses of the effect of the CRP on grassland bird diversity and abundance. Submitted to Natural Resources Conservation Service.

D. Book Reviews:

Veech, J. A. 1999. The promise of macroecology (review of Untangling ecological complexity, the macroscopic perspective, by Brian A. Maurer. University of Chicago Press). **Quarterly Review of Biology** **74:450-451**.

E. Papers Presented at Professional Meetings:

(Myself as first author, list does not include presentations in which I was not first-author.)

Veech, J.A. and J.R. Jensen. 2014. Analysis of land cover along routes of the North American Breeding Bird Survey. AOU annual meeting, Estes Park, Colorado

Veech, J.A. and M.F. Small. 2013. A regression-based method for assessing the representativeness of landscapes. US Chapter of the International Association of Landscape Ecologists. Austin, TX.

Veech, J. A. 2012. A probability-based reanalysis of a classic dataset from community ecology and biogeography. Ecological Society of America. Portland, Oregon

Veech, J. A. 2011. Beyond randomization: a probabilistic model of species co-occurrence. Ecological Society of America. Austin, Texas

Veech, J. A. 2007. Benefits of the Conservation Reserve Program to grassland birds. Soil and Water Conservation Society. Tampa, FL

Veech, J. A. 2004. Using structural equation modeling to test hypotheses of species diversity, Society for Integrative and Comparative Biology. New Orleans, LA

Veech, J. A., and T. O. Crist 2004. Diversity partitioning: a new method of analyzing species diversity. Ecological Society of America. Portland, OR

Veech, J. A. 2000. The distribution-abundance relationship and intraspecific aggregation. Ecological Society of America, Tucson, AZ

Veech, J. A. and S. H. Jenkins 1999. Foraging behavior of granivorous rodents can lead to apparent competition among plants. American Society of Mammalogists. Seattle, WA

Veech, J. A. and S. H. Jenkins 1997. Predator-mediated apparent competition among the seeds of desert plants. Ecological Society of America, Albuquerque, NM

(Students as first authors)

Troy, J., N. Holmes, J. Veech, and M. Green. 2013. Using observed seabird fallout records to infer patterns of attraction to artificial light. US Chapter of the International Association of Landscape Ecologists. Austin, TX.

Phillips, D.W., J.A. Veech, T.R. Simpson, and F.L. Rose. 2013. Microhabitat use and population density of the Gulf Coast kangaroo rat at their northern distribution limit. Southwest Association of Naturalists annual meeting. Lake Charles, LA.

Troy, J. R., N. D. Holmes, J. A. Veech, and M. C. Green. 2012. Terrestrial habitat suitability modeling for Newell's Shearwaters on Kauai. 39th Meeting of the Pacific Seabirds Group. Turtle Bay, HI.

Phillips, D.W., J.A. Veech, T.R. Simpson, and F.L. Rose. 2012. Using motion-activated cameras to study microhabitat use of the Gulf Coast kangaroo rat (*Dipodomys compactus*). Wildlife Society, Texas Chapter Meeting. Fort Worth, TX.

Feichtinger, E.E., and J.A. Veech. 2012. Characteristics of Landscapes Occupied by Increasing and Decreasing Populations of Scissor-tailed Flycatchers. Texas Academy of Sciences Annual Meeting, Alpine, TX. (*Erin won one of the six best grad student talks out of 40 entries.*)

Whitney, S.W., and J.A. Veech. 2011. An assessment of data quantity and quality provided by the North American Breeding Bird Survey for wetland-breeding species. Annual meeting of The Waterbird Society, Annapolis, MD.

Troy, J.R., N.D. Holmes, J.A. Veech, and M. Clay Green. 2010. A breeding habitat suitability model for the Newell's Shearwater. 18th Annual Hawaii Conservation Conference. Honolulu, HI.

Troy, J.R., N.D. Holmes, J.A. Veech, and M. Clay Green. 2010. Development of the first Newell's shearwater breeding habitat suitability model using a geographic information system. 57th Annual Meeting of the Southwestern Association of Naturalists. Junction, TX.

Troy, J.R., N.D. Holmes, J.A. Veech, and M. Clay Green. 2010. Title as above. 113th Annual Meeting of the Texas Academy of Science. Stephenville, TX.

Troy, J.R., N.D. Holmes, J.A. Veech, and M. Clay Green. 2010. A breeding habitat suitability model for the Newell's Shearwater. 1st World Seabird Conference. Victoria, B.C.

Collins, M.L., M.F. Small, J.T. Baccus, J.A. Veech. March 2009. White Winged and Mourning Dove Presence and/or Absence in Relation to Habitat in the Lower Rio Grande Valley. Texas Academy of Science Conference. Junction, Texas.

Collins, M.L., M.F. Small, J.T. Baccus, J.A. Veech. March 2010. White Winged and Mourning Dove Presence and/or Absence in Relation to Habitat in the Lower Rio Grande Valley. Southwestern Association of Naturalist. Junction, Texas.

Fronimos, A., J.T. Baccus, M.F. Small, J.A. Veech. 2010. Use of anthropogenic food sources by white-winged doves. 113th Annual Meeting of the Texas Academy of Science. Stephenville, TX.

Fronimos, A., J.T. Baccus, M.F. Small, J.A. Veech. 2011. Feeder usage by urban white-winged doves in Texas. 58th Annual Meeting of the Southwestern Association of Naturalists. Tyler, TX.

Warren, C., J. Ott, J.A. Veech. 2010. Habitat affinities of a neotropical warbler at the southern edge of its range. 2nd Annual Graduate Student Research Conference, San Marcos, TX.

F. Invited Talks, Lectures, Presentations:

May 2013	USDA Knippling-Bushland Livestock Insects Research Lab – Kerrville, Texas (<i>Joint presentation with Dr. Ivan Castro-Arellano</i>)
March 2008	Texas State University – San Marcos, Department of Biology
January 2008	Oklahoma State University, Department of Zoology
August 2007	Texas A&M University, Department of Wildlife and Fisheries Science
June 2007	Center for Research on Endangered Species, San Diego Wild Animal Park
April 2007	Smithsonian Environmental Research Center, Edgewater, MD
January 2007	University of Florida, Department of Wildlife Ecology and Conservation
November 2006	California State University, Sacramento, Department of Biological Sciences
May 2006	University of Illinois – Chicago, Department of Biological Sciences
April 2006	University of Texas – Pan Am, Department of Biology
March 2005	University of Tennessee, Department of Ecology and Evolutionary Biology
February 2005	Wright State University; Department of Biological Sciences

October 2004 University of Nevada, Reno; Department of Biology
 May 2004 Louisiana State University, Department of Biological Sciences
 March 2004 University of Oklahoma, Department of Zoology
 October 2003 Truman State University, Biology, (Kirksville, Missouri)
 February 2003 New Mexico State University, Department of Biology
 October 2002 Colorado State University, Department of Fishery and Wildlife Biology
 February 2001 Indiana State University, Department of Life Sciences

G. Workshops:

Using the Equus horse population model, Workshop for Bureau of Land Management employees, May 2000, Reno, NV

H. Grants and Contracts

External Grants and Contracts: Pending and Funded

Date	Title	PI	Co-PI	Grantor	Amount	Status
1-15	Distribution of the Texas Kangaroo Rat	Simpson	Veech, Green, Castro-Arellano	TPWD	\$89,000	Funded
10-14	Endangered Species Research Project for the Sprague's Pipit	Veech	None	Texas Comptroller Office	\$247,000	Funded
2-14	Analysis of land cover change around BBS routes (NLCD 2011 database)	Veech	None	USGS through DS-CESU	\$96,000	Funded
1-14	Quantifying the stability of fish interaction networks along environmental disturbance gradients	McGarvey (VCU)	Veech	SERDP (DoD)	\$150,000 Total \$75,000 TxState	Funded
10-13	Possible role of invasive <i>Herpestes javanicus</i> in sustaining Cattle Fever Tick populations in Puerto Rico	Castro-Arellano	Veech	USDA	\$101,000	Funded
9-13	Edwards Aquifer Habitat Conservation Plan: Comal Springs Riffle Beetle and Fountain Darter (5 proposals packaged)	Oborny (BioWest)	Bonner, Veech, Gibson (SMARC), Ostrand (SMARC), Krejca (Zara), Doyle (Baylor)	Edwards Aquifer Authority	\$436,000 Total \$170,000 TxState	Funded
7-13	Winter Ecology of a Declining Grassland Bird, the Sprague's Pipit (<i>Anthus spragueii</i>)	Kostecke (TNC)	Veech	USFWS	\$75,000 Total \$26,665 TxState	Funded
10-11	Surveys of non-game wildlife species inhabiting ranchland in the Carrizo Sands of central and south Texas.	Veech	Simpson	Davidson Foundation	\$46,620	Funded
9-05	Bird responses to land use changes.	Veech	None	NRCS	\$37,000	Funded
8-03	Theory, statistics, and software for the additive partitioning of species diversity across multiple spatial scales.	Crist	Veech	NSF-DEB	\$105,000	Funded

5-98	Granivorous rodents and apparent competition among plant species (dissertation research)	Veech	Jenkins	Welder Wildlife Foundation	\$25,000	Funded
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Submitted, but not Funded, External Grants and Contracts:

Date	Title	PI	Co-PI	Grantor	Amount
8-14	Endangered Species Research: Texas Kangaroo Rat	Veech	Simpson, Green, Castro-Arellano	Texas Comptroller	\$80,000
1-14	Stability within fish interaction networks: new theory and tools to study network responses to environmental disturbance	McGarvey (VCU)	Veech	NSF	NA Pre-proposal
8-13	EcoHelio – Weather Data for Ecological Research	Veech	Gao (Comp Sci) Castro-Arellano	NSF	\$417,000
6-13	A Decision Support Tool for Prairie Conservation	Veech	Green, Jensen (Geography)	USGS - LCC	\$100,000
5-13	Using the National Land Cover Database in Wildlife Conservation Research	Veech	None	Davidson Foundation	\$56,960
4-13	Trans-Texas Climate Array – Ecology, Evolution, Economics	Huston	Forstner, Nowlin, Veech	NSF	\$774,374
1-13	Quantifying Biotic Interactions among U.S. Freshwater Fishes at Regional to National Scales: a Network-based Approach	McGarvey (VCU)	Veech, Hughes (Oregon St)	NSF-DEB	Pre-prop.
7-12	Role of rice land in sustaining bird populations: assessment of the three main rice-growing regions of the United States.	Veech	None	USA Rice Federation	\$60,000
3-12	The effects of oil exploration on herpetofaunal communities in south Texas with an emphasis on threatened species.(pre and full proposals)	Forstner	Veech, Simpson, Gabor, Huston, Hahn, Weigum, Foley	TPWD	\$200,000
1-12	A probabilistic model to predict the biogeographical spread of species.	Veech	Castro-Arellano	NSF-DEB	Pre-prop.
11-11	Development and testing of a repeated-sampling continual-driving protocol for surveying dove species.	Veech	Small	USFWS	\$28,600
5-11	Using the North American Breeding Bird Survey to monitor the effects of climate and land use change in the Southern Rockies Landscape Conservation Cooperative.	Veech	None	USFWS (Southern Rockies LCC)	\$83,000
4-11	Dimensions: Collaborative Research: Trans-Texas Biodiversity Array.	Huston	Veech and many others	NSF-DEB	\$985,000
3-11	Developing a camera-based method for estimating population size of kangaroo rats and other burrowing animals.	Veech	Simpson	Animal Welfare Institute	\$9,500

8-10	ABI Development: Linking a national land cover database to continental bird surveys - a new bioinformatics tool and resource.	Veech	None	NSF-ABI	\$364,000
7-10	Comprehensive analysis of species co-occurrence and assembly patterns: comparing the influence of habitat requirements, environmental tolerances, and species interactions.	Veech	None	NSF-DEB	\$130,000
6-10	Dimensions: Collaborative Research: Trans-Texas Biodiversity Array.	Huston	Veech and many others	NSF-DEB	\$1.8M
11-09	Assessing cowbird populations as potential regional threats to Black-capped Vireos and Golden-cheeked Warblers	Veech	None	TPWD-USFWS	\$35,000
8-09	Conservation of grassland birds, assessing population parameters from multiple data sources	Veech	None	NSF-CAREER	\$500,000
5-09	A field trial of morning versus evening distance sampling of White-winged Doves in Texas	Baccus	Veech, Small	TPWD	\$132,000
1-09	The effect of activity time on species abundances in different habitats	Veech	None	NSF-IOS	\$178,000
11-08	The effects of landscape composition and competitor diversity on population trends in mourning doves and white-winged doves	Veech	Baccus, Small	USFWS	\$58,000
1-06	Tenebrionid beetles in a prairie landscape	Veech	None	NSF-DEB	\$210,000

Submitted, Funded, Internal Grants and Contracts:

Developing an effective survey protocol for a rare and cryptic lizard species. Sole P.I., \$8K, Research Enhancement Program, Texas State University, October 2014

Submitted, but not Funded, Internal Grants and Contracts:

Further development and testing of the continual-driving protocol for surveying bird species, Sole P.I., \$8K, Research Enhancement Program, Texas State University, October 2012

Examining co-occurrence of three dove species in Texas, Sole P.I., \$8K, Research Enhancement Program, Texas State University, October 2011

A preliminary investigation into the habitat and population genetics of the Gulf Coast kangaroo rat, P.I. with Clay Green (co P.I.), \$16K, Research Enhancement Program, Texas State University, October 2008

I. Fellowships, Awards, Honors:

Graduate Fellowship from Welder Wildlife Foundation, Sinton, TX. \$25,000, 1998 – 1999

Visiting Scientist Fellowship, 2015, TUBITAK (Turkish equivalent of NSF),
Sponsor: Dr. Okan Kulkoyluoglu, Abant İzzet Baysal University (*award could not be accepted*)

IV. SERVICE

A. University:

N/A

B. Departmental:

Departmental committee that organizes the weekly seminar series (2008 – 2012, 2015 - current)
Member of search committee for wildlife biology faculty member (Fall 2010)
Statistical consulting for graduate students – average of about 2 hours per month

C. Community:

N/A

D. Professional:

Associate Editor for Journal of Biogeography (since December 2010)

External manuscript reviewer (7 - 9 manuscripts per year) for the following journals:

Acta Oecologica, American Naturalist, American Midland Naturalist, Behavioral Ecology, Biological Conservation, Biotropica, Canadian Field Naturalist, Conservation Biology, Ecological Entomology, Ecology, Ecology Letters, Ecography, Ecological Monographs, Diversity and Distributions, Global Ecology and Biogeography, Journal of Applied Ecology, Journal of Biogeography, Journal of Field Ornithology, Journal of Mammalogy, Journal of Vegetation Science, Landscape Ecology, Oecologia, Oikos, Western North American Naturalist, Marine Ecology Progress Series, Journal of Ecology, Journal of Animal Ecology

External grant reviewer for NSF and USDA

E. Organizations

Ecological Society of America, International Biogeography Society, International Association of Landscape Ecologists

CV last updated 1-20-2016