

CHRISTOPHER MICHAEL RITZI

Professor of Biology
Department of Biology, Geology, and Physical Sciences
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Last Updated: June 2020

EDUCATION

B. A. in Biology, May 1996 (Texas A&M University)
M.S. in Biology, May 1999 (Sul Ross State University)
Ph.D. in Life Sciences (Ecology), December 2004 (Indiana State University)

PROFESSIONAL EXPERIENCE

Professor of Biology at Sul Ross State University
Sept 2015- Jan 2020
Interim Dean of Arts & Sciences at Sul Ross State University
Jan 2012 – Jul 2012
Associate Professor of Biology at Sul Ross State University
Sept 2010 – Aug 2015
Chair of Biology, Geology, and Physical Sciences at Sul Ross State University
July 2007 – Present
Assistant Professor of Biology at Sul Ross State University
Aug 2004 – Aug 2010
Lecturer and Lab Coordinator at Indiana State University
Aug 2000 / Jan 2003 – May 2004
Graduate Teaching Assistant/Lab Coordinator at Indiana State University
Aug 1999 – May 2004
Assistant Curator of Mammals and Ectoparasites at the ISUVC
Aug 2000 – Aug 2004
Graduate Teaching Assistant at Sul Ross State University
Jan – May 1999 - Helped design and teach Med/Vet Entomology laboratory
Jun – Aug 1998 - Taught General Zoology & General Botany laboratories
Graduate Research Assistant at Sul Ross State University
(Aug 1996 - May 1999)

PROFESSIONAL ASSOCIATIONS

Acarological Society of America
American Society of Mammalogy
Bat Conservation International
Chihuahuan Desert Research Institute (Board of Directors 2019-Present)
Entomological Society of America
Southwestern Entomological Society

Tamarisk Coalition (Board of Directors from 2010-2013)
Texas Association of Allied Health Professionals
Texas Academy of Science (Academic Director 2008-2001, Local Host 2011-2012, President cycle 2012-2016, serving as actual President 2014-2015)
Texas Invasive Plant and Pest Council
The Association of Southwestern Naturalists
The Indiana Academy of Science

HONORS, AWARDS, and LISTINGS

Fellow of the Texas Academy of Science - 2012
Outstanding Teaching Award 2010-2011– Sul Ross State University Fall 2011
Who's Who in Science and Engineering – 2011-2012
Quality Enhancement Innovation Award - Best Un-Funded Project – Sul Ross State University – 2008-2009
Who's Who Among American Teachers - 2005
Outstanding Student Paper Award of the Acarology Society of America (26 Oct 2003)
Student Travel Award of the Acarology Society of America - 2003
Best Oral Presentation in Entomology Section. Indiana Academy of Science. (16-17 Oct 2003)
Joseph A. Camin Fellowship. Acarological Society of America/Entomological Society of America. (11 Nov 2002)
Educational Excellence Award. Indiana State University. (16 Apr 2002)
Phi Kappa Phi Honor Society (Spring 2001-present)
Best Oral Presentation in Entomology Section. Indiana Academy of Science. (8-9 Nov 2001)
Best Oral Presentation in Entomology Section. Indiana Academy of Science. (2-3 Nov 2000)
Third place Presentation in 4th Annual Undergraduate/Graduate Research Showcase. Indiana State University School of Graduate Studies. Terre Haute, Indiana. (7-8 Apr 2000)
Outstanding Graduate Biology Student of the Year 1998-1999 Sul Ross State University
Beta Beta Beta Honor Society (Fall 1997-present)
Who's Who In American Colleges and Universities 1999 Sul Ross State University

PUBLICATIONS

Books and Book Chapters

Whitaker, J. O., **C. M. Ritzi**, and C. W. Dick. 2009. Collecting and Preserving Ectoparasites for Ecological Study *In: Ecological and Behavioral Methods for the Study of Bats*. T. H. Kunz, editor. Smithsonian Institutional Press. Washington D.C.

Refereed Journal Articles (for past 10 years)

Martinez, A. and **C. M. Ritzi**. 2020. Duration of Thanatosis is Based on Temperature in *Estigmene acrea*. *Southwestern Entomologist*. 54(1): 289-292.
Knutson, A., J. Tracy, **C. Ritzi**, P. Moran, T. Roter, and C. J. DeLoach. 2019. Establishment, Hybridization, Dispersal, Impact, and Decline of *Diorhabda* spp. (Coleoptera: Chrysomelidae) Released for Biological Control of Tamarisk in Texas and New Mexico. *Environmental Entomology*. doi: 10.1093/ee/nvz107. Published 9 Oct 2019.

- J., Ming, Qian, X., Gao, J., Chen, J., Hensley, D., Ho, H.C., Percoco, R., **Ritzi, C.**, Yue, Y. 2019. Solvent-free synthesis of CuO/HKUST-1 composite and its photocatalytic application. *Inorganic Chemistry*. 58(13): 8332-8338.
- Hassenflu, A. M., N. Taylor, and **C. M. Ritzi**. 2018. New Locality Records of Splendid Tamarisk Weevil, *Coniatus spendidulus* (Fabricius)¹, and *Chionaspos*² Scale in West Texas and New Mexico. *Southwestern Entomologist*. 43(2): 527-530.
- Hassenflu, A. M., **C. M. Ritzi**, and A. M. Hilscher. 2017. First Account of the Splendid Tamarisk Weevil, *Coniatus spendidulus* (Fabricius)¹, in the Trans-Pecos region of Texas. *Southwestern Entomologist*. 42(3): 901-903.
- Kelehear, C., S. J. Keightley, and **C. M. Ritzi**. 2017. First Record of the Iguana Tick (*Amblyomma dissimile*) Infecting the South American Common Toad (*Rhinella margaritifera*) in French Guiana. *Comparative Parasitology*. 84(2): 163-164.
- Sanchez-Pena, S. R., C. Morales-Reyes, F. H. Aguayo, I. Torres-Acosta, D. Camacho-Ponce, E. Gonzalez-Gallegos, **C. Ritzi**, J. Sirotnak, and M. Briggs. Distribution of the subtropical tamarisk beetle, *Diorhabda sublineata* (Lucas, 1849) (Coleoptera: Chrysomelidae), in Mexico. *Pan-Pacific Entomologist*. 92(1): 56-62.
- Platt, S. G., T. Gukian, R. E. Merez, **C.M. Ritzi**, and T. R. Rainwater. 2015. Exhumation of Buried Mammal Carrion by Turkey Vultures. *Journal of Raptor Research*. 49(4): 518-520.
- Ritzi, C. M.** 2014. A Review of Mammalian Ectoparasites from the Northern Chihuahuan Desert. In: C.A. Hoyt & J. Karges (editors). *Proceedings of the Sixth Symposium on Resources of the Chihuahuan Desert Region, 14-17*. Chihuahuan Desert Research Institute, Fort Davis, TX. pp151-184. <http://cdri.org/publications/proceedings-of-the-symposium-on-the-natural-resources-of-the-chihuahuan-desert-region/>.
- Platt, S. G., **C. M. Ritzi**, K. Craig, D. J. Miller, and T. R. Rainwater. 2012. *Terrapene ornata luteola* (Desert box turtle). *Diet*. *Herpetological Review* 43(4): 640.
- DeLoach, DeLoach, C.J., R.I. Carruthers, A.E. Knutson, P.J. Moran, **C.M. Ritzi**, T.L. Dudley, J. Gaskin, D. Kazmer, D.A. Thompson, D. Bean, D. Eberts, M.A. Muegge, G.J. Michels, K. Delaney, F. Nibling, T. Fain, B. Skeen, and M. Donet. 2011. 25 Years of Biological Control of Saltcedar in the Western U.S.: Emphasis Texas – 1986-2011. In *Proceedings of the XIII International Symposium on Biological Control of Weeds*. Sept 11-16, 2011, Waikoloa, Hawaii. Edited by Wu, Y, S. Sing, S. Ragu, G. Wheeler, P. Pratt, K. Warner, T. Center, J. Goolsby, and R. Reardon. Session 6: Integrating Biological Control and Restoration of Ecosystems: 268-276.
- Bardwell, J. H., **C. M. Ritzi**, S. P. Lerich, and A. M. Fedynich. 2011. Late summer dietary survey of scaled quail (*Callipepla squamata*). *Bulletin of the Texas Ornithological Society* 44(1-2): 1-6.
- Leavitt, D. J., A. F. Leavitt, and **C. M. Ritzi**. 2010. Post-grazing changes in vegetation in Big Bend National Park, Texas: A 50-year perspective. *Southwestern Naturalist* 55(4): 493-500.
- Leavitt, D. J., S. R. Goldberg, C. R. Bursey, and **C. M. Ritzi**. 2010. *Aspidoscelis scalaris septemvittata* (Big Bend Spotted Whiptail). *Endoparasites*. *Herpetological Review* 41(3): 351-352.
- Judy, D. J., J. O. Whitaker, Jr., D. W. Sparks, and **C. M. Ritzi**. 2010. Unusual migratory behavior by an Indiana bat (*Myotis sodalis*). *Proceedings of the Indiana Academy of Science* 119(1): 99-100.

Published Illustrations

- Sparks, D.W., C. J. Schmidt, and J. R. Choate. 2011. *Bats of Kansas*. Indiana State University Center for North American Bat Research and Conservation, Publication 5:1-60.

- Brack, V. Jr., D. W. Sparks, J. O. Whitaker, Jr., B. L. Walters, and A. Boyer. 2010. Bats of Ohio. Indiana State University Center for North American Bat Research and Conservation, Publication 4:1-92.
- Whitaker, J.O. Jr. 2009. Ectoparasites pp 429-444 *In*: Bats in Captivity: Volume 1: Biological and Medical Aspects. S. M. Barnard, editor. Logos Press. Washington D.C.
- Boyles, J., J. Timpone, and L. Robbins. 2009. Bats of Missouri. Indiana State University Center for North American Bat Research and Conservation, Publication 3:1-60.
- Kurta, A. 2008. Bats of Michigan. Indiana State University Center for North American Bat Research and Conservation, Publication 2:1-72.
- Whitaker, J.O., Jr., V. Brack, Jr., D.W. Sparks, J.B. Cope, and S. Johnson. 2007. Bats of Indiana. Indiana State University Center for North American Bat Research and Conservation, Publication 1:1-59.
- Belifuss, M. L., D. W. Sparks, and K. Henman. 2007. The Indiana Bat. *The Hoosier Science Teacher* 32(3): 69-71.

Research Reports (for past 10 years)

- Ritzi, C.M. and S. Sanchez. 2015. Annual report for Task Agreement #P13AC00807 – 232204 NPS-Saltcedar Beetles- YR3.
- Ritzi, C.M. and S. Sanchez. 2014. Annual report for Task Agreement #P13AC00807 – 232204 NPS-Saltcedar Beetles- YR2.
- Ritzi, C.M. and S. Sanchez. 2013. Annual report for Task Agreement #P12AC11112: Monitor and Mitigate the Effects of Saltcedar Beetle on Athel Trees – YR1.
- Knutson, A. and **C. Ritzi**. 2013. Proceedings of the 2012 Meeting of the Texas/New Mexico/Mexico Saltcedar Biological Control Consortium. Hawthorne Hotel, El Paso, TX, 30-31 October, 2012. Submitted 5 Apr 2013 to the Consortium thru Sul Ross State University and Texas A&M Agrilife Extension.
- DeLoach, C.J., A. E. Knutson, P. J. Moran, J. H. Everitt, G. J. Michels, M. A. Muegge, C. W. Randel, T. G. Fain, M. P. Donet, and **C. M. Ritzi**. 2009. Progress on Biological Control of Salt Cedar in the Western U.S.: Emphasis – Texas 2004-2009. Submitted 27 Aug 2009 as a report of Information for the public by the USDA and AgriLIFE Research.

RESEARCH AND PROFESSIONAL PRESENTATIONS (from the past 5 years)

- L. G. Garrett and **C. M. Ritzi**. 2020. Pan trap survey of bee flies (Diptera: Bombyliidae) using novel methodology exploiting color and dark spot attraction behavior. 123rd Annual Meeting of the Texas Academy of Science. Stephen F. Austin State University, Nacogdoches, TX. 28-29 Feb 2020.
- C. M. Ritzi**. 2020. Arachnids of the Trans Pecos. 123rd Annual Meeting of the Texas Academy of Science. Stephen F. Austin State University, Nacogdoches, TX. 28-29 Feb 2020.
- C. M. Ritzi**. 2019. Arachnids of the northern Chihuahuan Desert. 7th Annual Christmas Mountains Research Symposium. Terlingua Ranch Headquarters, Brewster County, TX. 20-22 May 2019.
- L. G. Garrett and **C. M. Ritzi**. 2019. Survey and natural history of bee fly parasitoids (Diptera: Bombyliidae) of Hymenoptera within Brewster and Jeff Davis Counties, Texas. 7th Annual Christmas Mountains Research Symposium. Terlingua Ranch Headquarters, Brewster County, TX. 20-22 May 2019.

- A. Martinez and **C. M. Ritzi**. 2019. *Estigmene acrea* Crossing Dunes with “Island Hopping” Technique. 2nd Annual SRSU Undergraduate and Graduate Symposium. Sul Ross State University, Alpine, TX. 22 Apr 2019.
- L. G. Garrett and **C. M. Ritzi**. 2019. Survey and Life History of Bee Fly Parasitoids (Diptera: Bombyliidae) of Hymenoptera within Brewster and Jeff Davis Counties of Texas. 2nd Annual SRSU Undergraduate and Graduate Symposium. Sul Ross State University, Alpine, TX. 22 Apr 2019.
- C. M. Ritzi**. 2019. Monitoring of Three Biocontrols for Salt Cedar in the Trans Pecos Texas and Southeastern New Mexico. 122nd Annual Meeting of the Texas Academy of Science. Howard Payne University, Brownwood, TX. 1-2 Mar 2019.
- L. G. Garrett and **C. M. Ritzi**. 2019. Survey and life history of bee fly parasitoids (Diptera: Bombyliidae) of Hymenoptera within Brewster and Jeff Davis counties of Texas. 122nd Annual Meeting of the Texas Academy of Science. Howard Payne University, Brownwood, TX. 1-2 Mar 2019.
- A.G. Martinez and **C. M. Ritzi**. 2019. *Estigmene acrea* Crossing Dunes with “Island Hopping” Technique. 122nd Annual Meeting of the Texas Academy of Science. Howard Payne University, Brownwood, TX. 1-2 Mar 2019.
- C. M. Ritzi** and A. Hassenflu. 2018. Beetles, Weevils, and Scales, Oh My! Monitoring of three biocontrol for salt cedar in Trans-Pecos Texas and southeastern New Mexico. 6th Annual Christmas Mountains Research Symposium. Terlingua Ranch Headquarters, Brewster County, TX. 21-23 May 2018.
- A. Hassenflu and **C. M. Ritzi**. 2018. A Survey of Insect Pollinator Diversity and Other Associates on Saltcedar (*Tamarix*) and Native Plant Species, Using Colored Pan traps along the Rio Grande in Presidio County, Texas. 6th Annual Christmas Mountains Research Symposium. Terlingua Ranch Headquarters, Brewster County, TX. 21-23 May 2018.
- L. G. Garrett and **C. M. Ritzi**. 2018. Survey and natural history of bee fly parasitoids (Diptera: Bombyliidae) of native bees and wasps within Brewster and Jeff Davis Counties, Texas. 6th Annual Christmas Mountains Research Symposium. Terlingua Ranch Headquarters, Brewster County, TX. 21-23 May 2018.
- K. Mancha and **C. M. Ritzi**. 2018. Post-Burn Analysis of Insect Diversity at the Chihuahuan Desert Research Institute, Jeff Davis County, Texas. SRSU Student Research Undergraduate Symposium. Sul Ross State University, Alpine, TX. 23 Apr 2018.
- K. Hernandez and **C. M. Ritzi**. 2018. Associations of Obesity and Lifestyle Factors of Children in Rural and Urban Areas. SRSU Student Research Graduate Symposium. Sul Ross State University, Alpine, TX. 23 Apr 2018.
- M. B. Schenkman, J. B. Shenkman, C. S. Sparks, D. A. Garcia, and **C. M. Ritzi**. 2018. Blood Hormone and Lipid Level Correlation to the Quantity of Ectoparasites Present on the Southern Plains Woodrat (*Neotoma micropus*). SRSU Student Research Graduate Symposium. Sul Ross State University, Alpine, TX. 23 Apr 2018.
- A. Hassenflu and **C. M. Ritzi**. 2018. A Survey of Insect Pollinator Diversity and Other Associates on Saltcedar (*Tamarix*) and Native Plant Species, Using Colored Pan traps along the Rio Grande in Presidio County, Texas. SRSU Student Research Graduate Symposium. Sul Ross State University, Alpine, TX. 23 Apr 2018.

- L. G. Garrett and **C. M. Ritzi**. 2018. Testing dark spot affinity of bee flies (Diptera: Bombyliidae) using a novel pan trapping method. 121st Annual Meeting of the Texas Academy of Science. Midland College, Midland, TX. 2-4 Mar 2018.
- K.M. L. Mancha and **C. M. Ritzi**. 2018. Post-Burn Analysis of insect diversity at the Chihuahuan Desert Research Institute, Jeff Davis County, Texas. 121st Annual Meeting of the Texas Academy of Science. Midland College, Midland, TX. 2-4 Mar 2018.
- A. Hassenflu and **C. M. Ritzi**. 2018. Insect pollinator diversity and other associates of salt cedar (*Tamarix* sp) along the Rio Grande in Presidio County, Texas. 121st Annual Meeting of the Texas Academy of Science. Midland College, Midland, TX. 2-4 Mar 2018.
- K. Hernandez and **C. M. Ritzi**. 2018. Associations of obesity and lifestyle factors between children in rural and urban areas in West Texas. 121st Annual Meeting of the Texas Academy of Science. Midland College, Midland, TX. 2-4 Mar 2018.
- C. M. Ritzi** and A. Hassenflu. 2018. Beetles, Weevils, and Scales, Oh My! Monitoring of three biocontrol for salt cedar in the Trans-Pecos Texas and Southern New Mexico. 121st Annual Meeting of the Texas Academy of Science. Midland College, Midland, TX. 2-4 Mar 2018.
- M. Schenkman, J. Schenkman, C. Sparks, D. Garcia, and **C. M. Ritzi**. 2018. Blood Hormone and Lipid Level Correlation to the Quantity of Ectoparasites Present on the Southern Plains Woodrat (*Neotoma micropus*). 121st Annual Meeting of the Texas Academy of Science. Midland College, Midland, TX. 2-4 Mar 2018.
- C. Sparks, D. Garcia, M. Schenkman, J. Schenkman, and **C. M. Ritzi**. 2018. Total Cholesterol and triglyceride influence on Siphonaptera abundance in *Neotoma micropus* (the Southern Plains Woodrat). 121st Annual Meeting of the Texas Academy of Science. Midland College, Midland, TX. 2-4 Mar 2018.
- Ritzi, C.M. 2017. Internships in the Health Science: A Hands-On Approach to Student Experiential Learning for the Pre-Health Student. 3rd Annual Faculty Research Forum, Sul Ross State University, Alpine, TX. 10 Oct 2017.
- Mancha, K. and **C.M. Ritzi**. 2017. Post-Burn Analysis of Insect Diversity at the Chihuahuan Desert Research Institute, Jeff Davis County, Texas. The 10th Annual McNair-Tafoya Symposium, Sul Ross State University, Alpine, Texas. 25 Sept 2017.
- Ritzi, C.M.**, and A.M. Hassenflu. 2017. Resurgence of the tamarisk beetle on saltcedar and athel along the Rio Grande, with notes on other biocontrols. 5th Annual Christmas Mountain Research Symposium. Terlingua Ranch Headquarters, Brewster County, Texas, 22-24 May 2017.
- Lawhorn, J. M. and **C.M. Ritzi**. 2017. Plant Diversity in Areas Impacted by Biological Control of Saltcedar (*Tamarix* spp.) in west Texas. 5th Annual Christmas Mountain Research Symposium. Terlingua Ranch Headquarters, Brewster County, Texas, 22-24 May 2017.
- Ritzi, C.M.** 2017. From Ectos to Exotics: A tale of Arthropod Studies in the Big Bend and Beyond. The Eleventh Annual Arts and Sciences Spring Lecture Series. Sul Ross State University, Alpine, TX. 20 Apr 2017.
- Ritzi, C.M.**, and A. Hassenflu. 2017. Resurgence of the tamarisk beetle on saltcedar and athel along the Rio Grande, with notes on other biocontrols. The 120th Annual Meeting of the Texas Academy of Science, University of Mary Hardin-Baylor, Belton, TX. 3-5 Mar 2017.
- Lawhorn, J. M., and **C.M. Ritzi**. 2017. Plant diversity in areas impacted by biological control of saltcedar (*Tamarix* spp.) in West Texas. The 120th Annual Meeting of the Texas Academy of Science, University of Mary Hardin-Baylor, Belton, TX. 3-5 Mar 2017.

- Hassenflu, A., and **C.M. Ritzi**. 2017. Insect pollinator diversity and other associates of saltcedar (*Tamarix sp.*) along the Rio Grande in Presidio County, Texas. The 120th Annual Meeting of the Texas Academy of Science, University of Mary Hardin-Baylor, Belton, TX. 3-5 Mar 2017.
- Hernandez, K., and **C.M. Ritzi**. 2017. The association of obesity and lifestyle factors among children in rural and urban areas of the Trans-Pecos region. The 120th Annual Meeting of the Texas Academy of Science, University of Mary Hardin-Baylor, Belton, TX. 3-5 Mar 2017.
- Schenkman, M., **C.M. Ritzi**, and J. Schenkman. 2017. The relationship between blood hormone and lipid levels on abundance of ectoparasites in the Southern Plains Woodrat (*Neotoma micropus*). The 120th Annual Meeting of the Texas Academy of Science, University of Mary Hardin-Baylor, Belton, TX. 3-5 Mar 2017.
- Avila, Y. and **C.M. Ritzi**. 2017. Effects of Body Manipulations on Insect Succession and Postmortum Interval in the Trans-Pecos Region of Texas. The 120th Annual Meeting of the Texas Academy of Science, University of Mary Hardin-Baylor, Belton, TX. 3-5 Mar 2017.
- Avila, Y. and **C.M. Ritzi**. 2016. Effects of Body Manipulations on Insect Succession and Postmortum Interval in the TransPecos Region of Texas. The 9th Annual McNair-Tafoya Symposium, Sul Ross State University, Alpine, Texas. 31 Oct 2016.
- Guerrero, J. and **C.M. Ritzi**. 2016. How a Heartbeat Outside the Body Can Save a Life. The 9th Annual McNair-Tafoya Symposium, Sul Ross State University, Alpine, Texas. 31 Oct 2016.
- Ritzi, C.M.**, A.M. Hassenflu, and A. M. Hilscher. 2016. Long-term monitoring of biological control of saltcedar (*Tamarix*) along the Rio Grande, with notes on the interactions with athel (*Tamarix aphylla*) and a new locality record of a saltcedar associate. 4th Annual Christmas Mountain Research Symposium. Terlingua Ranch Headquarters, Brewster County, Texas, 23-25 May 2016.
- Lawhorn, J. M. and **C.M. Ritzi**. 2016. Insect Diversity in Areas Impacted by the Biological Control of Saltcedar (*Tamarix* spp.) in west Texas. 4th Annual Christmas Mountain Research Symposium. Terlingua Ranch Headquarters, Brewster County, Texas, 23-25 May 2016.
- Hassenflu, A.M., **C.M. Ritzi**, and A.M. Hilscher. 2016. Insect Pollinator Diversity and Other Associates of Salt Cedar (*Tamarisk sp.*) at Alamito Marsh, Presidio County, Texas. 119th Annual Meeting of the Texas Academy of Science, Texas Tech Field Campus, Junction, Texas. 4-6 Mar 2016.
- Ritzi, C.M.**, A.M. Hilscher, and A. M. Hassenflu. 2016. Long-term monitoring of the subtropical tamarisk beetle (*Diorhabda sublineata*) on saltcedar (*Tamarix*) and athel (*Tamarix aphylla*) along the Rio Grande. 119th Annual Meeting of the Texas Academy of Science, Texas Tech Field Campus, Junction, Texas. 4-6 Mar 2016.
- Lawhorn, J. M. and **C.M. Ritzi**. 2016. Insect Diversity in Areas Impacted by the Biological Control of Saltcedar (*Tamarix* spp.) in west Texas. 119th Annual Meeting of the Texas Academy of Science, Texas Tech Field Campus, Junction, Texas. 4-6 Mar 2016.
- Skolnick, C. and **C.M. Ritzi**. 2016. Growth of *Tamarix* species (Tamaricaceae), *Tamarix chinensis/ramosissima* (salt cedar) and *Tamarix aphylla* (athel): A Comparison of Hormonal Application and Hydroponic Growth. 119th Annual Meeting of the Texas Academy of Science, Texas Tech Field Campus, Junction, Texas. 4-6 Mar 2016.
- Schenkman, M.B., **C.M. Ritzi**, and J. B. Schenkman. 2016. Blood Hormone and Lipid level Influences on Ectoparasite Abundance in the Southern Plains Woodrat (*Neotoma micropus*). 119th Annual Meeting of the Texas Academy of Science, Texas Tech Field Campus, Junction, Texas. 4-6 Mar 2016.

- Lawhorn, J. and **C.M. Ritzi**. 2015. Insect Diversities in Areas Impacted by Biological Control of Salt Cedar (*Tamarix Spp.*) in West Texas. Tamarisk Coalition's 13th Annual Research and Management Conference. Colorado Mesa University, Grand Junction, Colorado. 9-11 Feb 2016.
- Maldonado, Adrian. and **C.M. Ritzi**. 2015. The Effects of activity monitoring on Levels of Physical Activity and General Health. West Texas STEM Conference. Midland College, Midland, TX. 7 Nov 2015.
- Lawhorn, J. and **C.M. Ritzi**. 2015. Insect Diversities in Areas Impacted by Biological Control of Salt Cedar (*Tamarix Spp.*) in West Texas. West Texas STEM Conference. Midland College, Midland, TX. 7 Nov 2015.
- Lawhorn, J. and **C.M. Ritzi**. 2015. Insect Diversities in Areas Impacted by Biological Control of Salt Cedar (*Tamarix Spp.*) in West Texas. The 8th Annual McNair-Tafoya Symposium, Sul Ross State University, Alpine, Texas. 21 Oct 2015.
- Lawhorn, J. and **C.M. Ritzi**. 2015. Insect Diversities in Areas Impacted by Biological Control of Salt Cedar (*Tamarix Spp.*) in West Texas. 2015 Gulf Coast Undergraduate Research Symposium. Rice University, Houston, TX. 17 Oct 2015.
- Lawhorn, J. and **C.M. Ritzi**. 2015. Insect Diversities in Areas Impacted by Biological Control of Salt Cedar (*Tamarix Spp.*) in West Texas. 2015 UNM McNair Scholars Research Conference. Albuquerque, NM. 1-2 Oct 2015.
- Hilscher, A.M., and **C.M. Ritzi**. 2015. Status of the subtropical tamarisk beetle (*Diorhabda sublineata*) as a saltcedar (*Tamarix*) biocontrol agent along the Río Grande and its impact on a non-target species, *Tamarix aphylla*. 3rd Annual Christmas Mountain Research Symposium. Terlingua Ranch Headquarters, Brewster County, Texas, 25-27 May 2015.
- Hilscher, A.M., and **C.M. Ritzi**. 2015. Status of the subtropical tamarisk beetle (*Diorhabda sublineata*) as a saltcedar (*Tamarix*) biocontrol agent along the Río Grande and its impact on a non-target species, *Tamarix aphylla*. 118th Annual Meeting of the Texas Academy of Science, University of the Incarnate Word, San Antonio, TX. 6-8 Mar 2015.
- Olivas, C., A. Kasner, and **C.M. Ritzi**. 2015. Spatial ecology of Western Screech-Owls (*Megascops kennicotti*) in the Davis Mountains of West Texas. 118th Annual Meeting of the Texas Academy of Science, University of the Incarnate Word, San Antonio, TX. 6-8 Mar 2015.
- Stone, J. and **C.M. Ritzi**. 2015. Serosurvey of Marfa Plateau Coyotes (*Canis latrans*), for Canine Distemper. 118th Annual Meeting of the Texas Academy of Science, University of the Incarnate Word, San Antonio, TX. 6-8 Mar 2015.
- Hernandez, K. and **C.M. Ritzi**. 2015. Associations between obesity and osteoarthritis in the knee joints of participants in the Trans Pecos Area. 118th Annual Meeting of the Texas Academy of Science, University of the Incarnate Word, San Antonio, TX. 6-8 Mar 2015.
- Newbold, R. and **C.M. Ritzi**. 2015. A morphological and cytogenetic study comparing *Ibervillea lindheimeri* and *Ibervillea tenuisecta*. 118th Annual Meeting of the Texas Academy of Science, University of the Incarnate Word, San Antonio, TX. 6-8 Mar 2015.
- Hernandez, K. and **C. M. Ritzi**. 2015. Associations between Obesity and Osteoarthritis in the Knee Joints of Patients in the Trans-Pecos Area of Texas. Women in STEM Experience, University of Alabama, Tuscaloosa, Alabama. 31 Jan 2015.

GRANTS RECEIVED (in past 10 years)

- JAMP Grant \$12,100.00 Fall 2019 – Joint Admissions Medical Program.
- JAMP Grant \$12,160.00 Fall 2018 – Joint Admissions Medical Program.
- JAMP Grant \$12,172.00 Fall 2017 – Joint Admissions Medical Program.

JAMP Grant \$12,168.00 Fall 2016 – Joint Admissions Medical Program.

SRSU Research Enhancement Grant \$4,000.00 - Spring 2016 – Biological Control of Saltcedar (*Tamarix* spp) along the Rio Grandé in west Texas: Monitoring of *Diorhabda sublineata* and *Coniatus splendidulus* on Saltcedar and Athel.

JAMP Grant \$12,160.00 Fall 2015 – Joint Admissions Medical Program.

NPS Grant \$12,000.00 January 2015 – Monitor the Spread of the Salt Cedar Leaf Beetle (*Diorhabda* spp.) within the middle stretch of the Rio Grande/Rio Bravo River Basin and Mitigate Effects of Salt Cedar Leaf Beetle on Athel (*Tamarix aphylla*) Year 3. Grant awarded to WWF and subcontracted to CM Ritzi.

SRSU Research Enhancement Grant \$4,570.00 - Spring 2015 –Biological Control of Saltcedar (*Tamarix* spp) along the Rio Grande in west Texas: Monitoring *Diorhabda sublineata* on Saltcedar and Athel.

JAMP Grant \$12,166.00 Fall 2014 – Joint Admissions Medical Program.

NPS Grant \$27,500.00 Summer 2014 – Monitor and Mitigate Effects of Saltcedar Beetle on Athel Trees. Grant awarded to WWF and subcontracted to myself and Dr. Sergio Sanchz-Pena of Antonio Narro University, Mexico.

SRSU Research Enhancement Grant \$5,000.00 - Spring 2014 –Biological Control of Saltcedar (*Tamarix* spp) along the Rio Grande in west Texas: Monitoring *Diorhabda sublineata* on Saltcedar and Athel.

JAMP Grant \$12,205.00 Fall 2013 – Joint Admissions Medical Program.

NPS Grant \$27,000.00 Summer 2013 – Monitor and Mitigate Effects of Saltcedar Beetle on Athel Trees. Shared grant with Dr. Sergio Sanchz-Pena of Antonio Narro University, Mexico.

SRSU Research Enhancement Grant \$5,000.00 - Spring 2013 – Tamarisk Biological Control on the Rio Grande in west Texas: Monitoring *Diorhabda sublineata* Defoliation and Range Expansion on Saltcedar and Athel.

JAMP Grant \$12,190.00 Fall 2012 – Joint Admissions Medical Program.

NPS Grant \$32,000.00 Summer 2012 – Monitor and Mitigate Effects of Saltcedar Beetle on Athel Trees.

SRSU Research Enhancement Grant \$5,000.00 - Spring 2012 – Tamarisk Biological Control on the Rio Grande in west Texas: Monitoring *Diorhabda sublineata* Defoliation and Range Expansion on Saltcedar and Athel.

JAMP Grant \$12,242.00 Fall 2011 – Joint Admissions Medical Program.

SRSU Research Enhancement Grant \$5,000.00 - Spring 2011 – Tamarisk Biological Control on the Rio Grande in west Texas: Assessing *Diorhabda* spp. Affinity between Saltcedar and Athel.

JAMP Grant \$12,472.00 Fall 2010 – Joint Admissions Medical Program.

USDA-SAWC Grant \$89,295.00 Fall 2010 – Tamarisk Biological Control on the Rio Grande in West Texas: Assessing and Enhancing Biodiversity to Benefit Rare Fauna in Tamarisk Invaded Riparian Areas.

SRSU Research Enhancement Grant \$4,980.00 - Spring 2010 – Tamarisk Biological Control on the Rio Grande in west Texas: Assessing *Diorhabda* spp. Affinity between Saltcedar and Athel.

DOD-TRIES DAAB Appropriations Bill \$744,355.00 - Fall 2009– Deployable Aerobic Aqueous Bioreactor. (Note-PI of system-wide grant)