

CURRICULUM VITAE OF ENRIQUE SANTOYO BRITO

I. PERSONAL INFORMATION

Enrique Santoyo Brito
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II. EDUCATION

- 2017 Ph.D. Zoology: Department of Integrative Biology. Oklahoma State University
Dissertation Title: Group Living, Parental Care, Age Structure, And Genetic Relatedness in *Liolaemus leopardinus*, a High-Elevation Lizard From The Andes of Chile,
Adviser: Stanley. F. Fox
- 2009 M.Sc. Area: Wildlife Management and Conservation, Colegio de Postgraduados, Mexico
Dissertation Title: Ecología de la herpetofauna del Cañón de Chínipas, Chihuahua/ Ecology of the herpetofauna of the Chínipas Canyon, Chihuahua.
Adviser: Julio. A. Lemos-Espinal.
- 2006 Licenciatura: Biology, Universidad Veracruzana, Córdoba, Veracruz, México
Thesis Title: Analisis taxonomico de las subespecies de *Boa constrictor* descritas para territorio mexicano/ Taxonomic analysis of the subspecies of *Boa constrictor* described for Mexican territory.
Adviser: Irene Goyenechea-Mayer
- 2005 Diploma-course in Herpetology, Facultad de Biología, Universidad Autónoma del Edo. De Hidalgo, México

III. VISITING RESEARCHER

- 2009 Oklahoma State University. Behavioral ecology of *Crotaphytus collaris* and *Uta stansburiana*, July to August 2009 (Grad-student).
- 2003 FES-Iztacala Vivarium, UNAM. Management of amphibians and reptiles in captivity, (Licenciatura- student).

IV. WORK EXPERIENCE (RELEVANT TO THIS POSITION)

- 10/2021-present Scientific specialist, **Fluid Collections Manager** at Illinois Natural History Survey.
Duties: assist on curation and management of about 1.3 million specimens of Birds, Mammals, Amphibians and Reptiles, Fish, Crustaceans, and associated Frozen Tissue Collection. Coordinate hourly employees and volunteers' work. Participate in the re-curation and cataloguing of ~80,000 fish lots, 800,000 specimens, and ~50,000 amphibian and reptiles into respective collections. Conduct independent research.
- 10/2020 to 10/2021 **Scientific Specialist, Biological Collections Integration** at Illinois Natural History Survey. Duties: oversee and participate in the integration of the orphaned wet collection from SIUC. Re-curate and catalogue ~80,000 fish lots, 800,000 specimens,

and ~50,000 amphibian and reptiles into respective collections. Space and storage planning of the integration of the SIUC Fish Collection into the INHS Fish Collection. **Interim Fluid Collections Manager, Illinois Natural History Survey.** Duties: assist on curatorial and management of about 1.3 million specimens of Birds, Mammals, Amphibians and Reptiles, Fish, Crustaceans, and associated Frozen Tissue Collection.

- 8/2019 to 10/2020 **Adjunct/laboratory Instructor and Collections of Vertebrates Associate** at Department of Integrative Biology and Collections of Vertebrates at Oklahoma State University. Duties: teach Introductory Biology at undergrad level and Introduction to Ecology at undergraduate and graduate level. Conduct independent Research
- 2018 to 2019 **Postdoctoral Collection Associate** at Collections of Vertebrates at Oklahoma State University. Duties: georeference fish collection. Aid in managing the herpetological and Fish collections.
- 2014 to 2017 **Manager of the Collection of Vertebrates and Frozen Tissue Collection** at department of Integrative Biology at Oklahoma State University (OSU). Duties: oversee the management of the amphibians, reptiles, fish, and the Frozen tissue Collection. Arrange outgoing and incoming loans (specimens or tissues). Reply to data queries, guide tours, help inhouse or visiting researchers.
- 2013 to 2014 **Graduate Teaching Associate** at Department of Zoology. Duties: teach laboratories of ZOOL-3114 Vertebrate Morphology and Zool 2104 Human Anatomy.
- 2011 to 2013 **Manager of the Collection of Vertebrates** at Department of Zoology at Oklahoma State University. Duties: manage the birds and mammals, and Frozen Tissues Collection.
- 2010 to 2011 **Graduate Teaching Associate** at Department of Zoology at Oklahoma State University. Duties: Laboratory instructor of BIOL-1114 Intro Biology.
- 2009 to 2010 **Crocodile specialist** at Amigos de Sian Ka'an, Cancun, Quintana Roo. Mexico. Duties: Project Coordinator (crocodile population ecology/mark-recapture project. Jaguar and other felines population ecology, Jaguar prey population, wildlife overpasses, etc.). **Project liaison**, riviera maya watershed and natural drainage system mapping, and landfill planning of the city of Tulum.
- 2003 **Project Manager** at Bio-Zoo, Córdoba, Veracruz, México. Duties: Wildlife in captivity and wildlife exhibits Project Coordinator.
- 2002 **Nature Interpreters Program Manager** at XPU-HA Palace Resorts, Cancun, Quintana Roo, México. Duties: responsible of wildlife programs; reptile reproduction, and small mammal enrichment program. Manatee population monitoring, and sea turtles Farm-Program Patrol Chief, and Wildlife relocation program.
- 2001 **Nature Interpreter Diver** at Interactive Aquarium Cancun Duties: Nature Interpreter-Diver. Interaction with visitors, and marine fauna

2000 **Nature Interpreter and Wildlife relocation program** at XPU-HA Palace Resorts, Cancun, Quintana Roo, México. Duties: Nature Interpreter and Wildlife relocation program.

Assistant

2005 to 2006 **Assistant, Centro de Investigaciones Biológicas** Universidad Autónoma del estado de Hidalgo, México. Duties: helped accession specimens into the herpetology collection.

2001 to 2006 **Assistant**, Universidad Veracruzana, Cordoba, Mexico. Duties: care of the live reptile collection.

V. PUBLICATIONS (PEER REVIEWED)

- 2021 **Santoyo-Brito, E.**, S. Peréa-Fox, H. Núñez, and S. F. Fox. 2021 Maternal care and secretive behavior of neonates in the highly social lizard *Liolaemus leopardinus* (Squamata: Liolaemidae) from the central Chilean Andes may relate to size-specific bird predation. *Behaviour* 158: 195–223.
- 2020 **Santoyo-Brito, E.**, H. Núñez, W. E. Cooper, Jr., and S. F. Fox. 2020. Comparison of escape behavior between solitary and grouped *Liolaemus leopardinus* lizards from the central Chilean Andes. *Herpetologica* 76: 285–289.
- 2020 Wiggins, J. M., **Santoyo-Brito, E.**, Scales, J. B., and S. Fox. 2020. Gene dose indicates presence of sex-chromosomes in Collared Lizards (*Crotaphytus collaris*), a species with Temperature-Influenced Sex Determination. *Herpetologica*, 76(1), 2020, 27-30.
- 2018 **Santoyo-Brito, E.**, and S. Fox. 2018. Age estimation through skeletochronology and mark-recapture of free-living individuals in a population of a high-elevation, viviparous lizard from Chile, *Liolaemus leopardinus*. *Phyllomedusa*: 17(1):101-112.
- 2017 **Santoyo-Brito, E.**, S. Fox, and H. Núñez. 2017. Experimental evidence for embryo retention in the high- elevation Chilean lizard *Liolaemus leopardinus*. *Phyllomedusa* 16(2):295-298.
- 2017 Fox, S., **E. Santoyo-Brito**, and H. Núñez. 2017. *Liolaemus nitidus* (Shining Tree Iguana). Ocular sinus bleeding. *Herpetological Review* 48(3): 651.
2017. **Santoyo-Brito, E.**, S. Fox, and M. Anderson. 2017. Sex ratio according to incubation temperatures in the Collared Lizard, *Crotaphytus collaris*. *Journal of Herpetology* 51(2):197-201.
- 2015 **Santoyo-Brito, E.**, and S. Fox. 2015. Test and evaluation of various techniques to study refuged lizards in the field. *The Southwestern Naturalist* 60(4): 336-339.
- 2014 **Santoyo-Brito, E.**, S. Fox, and H. Núñez. 2014. *LIOLAEMUS BELLII* (Dusky Lizard). PREDATION. Natural History Note. *Herpetological Review*: 45(1): 130-131.

- 2014 **Santoyo-Brito, E.**, S. Fox, and H. Núñez. 2014. Predation by the Rufous-banded Miner, *Geositta rufipennis*, on the Lizard *Liolaemus leopardinus*. Boletín del Museo Nacional de Historia Natural, Chile: 63: 69-72.
- 2012 **Santoyo-Brito, E.**, and S. Fox. 2012. Force-fed radio-telemetry technique. The Southwestern Naturalist. 57:459-460.
- 2012 **Santoyo-Brito, E.**, M. Anderson, and S. Fox. 2012. An artificial nest chamber for captive *Crotaphytus collaris* that increases clutch success and promotes natural behavior. Herpetological Review: 43(3): 430- 432.
- 2012 Anderson, M., C. Hodges, and **E. Santoyo-Brito**. 2012. New County record and range extension of *Tantilla hobartsmithi* in western Texas. Herpetological Review: 44(1): 111.
- 2011 Ávila-Nájera D., O. Rosas-Rosas, L. Tarango-Arámbula, J. Martínez-Montoya, and **E. Santoyo-Brito**. 2011. Conocimiento, uso y valor cultural de seis presas potenciales del Jaguar (*Panthera onca*) en San Nicolás de los Montes, San Luis Potosí. Revista Mexicana de Biodiversidad 82: 1020-1028.
- 2010 **Santoyo-Brito, E.**, and J. A. Lemos-Espinal. 2010. Reparto de recursos de los gremios de lagartijas en el Cañón de Chínipas Chihuahua, México. Acta Zoológica Mexicana (nueva serie) 26(2): 435-450.
- 2007 **Santoyo-Brito, E.** 2007. Análisis taxonómico de las subespecies de *Boa constrictor* descritas para territorio Mexicano. Boletín de la Sociedad Herpetológica Mexicana 15(2): 45-47.

VI. TECHNICAL REPORTS (NON-PEER REVIEWED)

- 2010 Lazcano-Barrero, M. A., G. Merediz Alonso, **E. Santoyo-Brito**, M. Reza Gaona y J. L. Jiménez Cahuich. 2010. Evaluación, Diagnóstico y Mitigación de los Impactos sobre la Conservación de las Poblaciones de Jaguar y otras Especies de Fauna Silvestre por la Construcción de Trazo Carretero Playa del Carmen – El Tintal. Reporte Técnico. Elaborado por Amigos de Sian Ká'an y la Reserva Ecológica El Edén para ICA Infraestructura. Cancún, Quintana Roo, México. 64 pp.
- 2010 Lazcano-Barrero, M. A., **E. Santoyo-Brito** y G. Merediz-Alonso. 2010. Diagnóstico de las Poblaciones de Felinos Silvestres y sus Presas en el Ejido Juárez y sus colindancias, Municipio de Lázaro Cárdenas, Quintana Roo. Reporte Técnico. Elaborado por Amigos de Sian Ká'an y la Reserva Ecológica El Edén, Cancún, Quintana Roo, México. 28 págs.

VII. RESEARCH EXPERIENCE (ONGOING RESEARCH PROJECTS)

- PI: How is rapid rising temperature affecting historic populations of the Eastern Fence Lizard (*Sceloporus undulatus*) in Illinois?
- PI: Ontogenetic dorsal pattern or phenotypic plasticity in *Liolaemus bellii*?
- Co-PI: Evidence for sex microchromosomes in a species with temperature-influenced sex determination (*Crotaphytus collaris*).
- Co-PI: *Liolaemus* lizard species as storytellers on the effects of climate change in temperate South America.

PAST RESEARCH PROJECTS

- Ph.D. Dissertation: Group living, parental care, age structure, and genetic relatedness in *Liolaemus leopardinus*, a high-elevation lizard from the Andes of Chile.
- Co-PI: The effect of group living in the scape behavior in *Liolaemus* lizards in central Chile.
- Co-PI side project: *Liolaemus nitidus* (Shining Tree Iguana). Ocular sinus bleeding.
- PI side project: Temperature-Dependent Sex Determination in *Crotaphytus collaris*.
- Co-PI side project: Impacts of morphology on mate choice preference in the lizard *Uta stansburiana*.
- M.Sc. Dissertation: Ecology of the herpetofauna located in Chínipas Canyon, Mexico.
Licenciatura Thesis: Taxonomic Analysis of *Boa constrictor* subspecies distributed in Mexican territory.

VIII. GRANTS, AWARDS, AND SCHOLARSHIPS

- 2017 The Natural History Collection Club Network Travel Grant for Society for the Preservation of Natural History Collections 2017. \$1,900.
- 2016 Dr. Bryan P. Glass Award 2016. Oklahoma State University, Department of Integrative Biology. \$1,200.
- 2015 Delta Foundation. PI. E. Santoyo-Brito, Co-PI Stanley Fox, and Herman Núñez. *Liolaemus* lizard species as storytellers on the effects of Climate Change in temperate South America. \$10,350, 1 year.
- 2015 National Geographic / Waitt Grant 2015-16, PI. E. Santoyo-Brito, Co-PI Stanley Fox, and Herman Núñez. *Liolaemus* lizard species as storytellers on the effects of Climate Change in temperate South America. \$12,206, 1 year.
- 2015 The Explorers Club 2015-16, PI. E. Santoyo-Brito, Co-PI Stanley Fox, Herman Núñez, and Daniel Pincheira-Donoso. *Liolaemus* lizard species as storytellers on the effects of Climate Change in temperate South America. \$1000, 1 year.
- 2015 Phoenix Zoo. Fox, S. F., E. Santoyo-Brito, and H. Núñez. Running out of mountain: lizards in the Chilean Andes move up with warming temperatures due to climate change. \$3000, 1 year.
- 2014 Society for the Study of Amphibians and Reptiles (SSAR), Travel award. \$300.
- 2012 National Geographic Society. PI Stanley Fox, Co-PI Enrique Santoyo-Brito. Grant for fieldwork/Ph.D. research: Discovery of Complex, Long-term Care of Young in High-Elevation Alpine Lizards of the Andes. 2012-13. \$20,000, 1 year.
- 2012 Graduate and Professional Student Government Association (GPSGA), Oklahoma State University. Travel Award, 2012, \$613.50.
- 2012 Society for the Study of Amphibians and Reptiles (SSAR), Student Travel Award, 2012. \$400

- 2012 Southwestern Association of Naturalists (SWAN), Student Travel Award, 2012. \$180.
- 2011 Delta Foundation. PI E. Santoyo-Brito, Co-PI Stanley Fox. Grant from fieldwork-PhD Research: Complex Long-term Care of Young in High-Elevation Lizards of the Andes. 2011-13, \$10,000.
- 2011 National Geographic Society. PI Stanley Fox, Co-PI E. Santoyo-Brito. Grant for fieldwork/Ph.D. research: Discovery of Complex, Long-term Care of Young in High-Elevation Alpine Lizards of the Andes. 2011- 2012, \$20,000.
- 2011 American Society of Ichthyologist and Herpetologist (ASIH), Gaige Fund Award, 2011, \$500.
- 2010 Southwestern Association of Naturalists, Student Travel Award, \$745.

SCHOLARSHIPS

- 2011 to 2015 National Council of Science and Technology (CONACyT). Grant for Ph.D. Studies
- 2010 to 2014 National Council of Science and Technology (CONACyT). Grant for Ph.D. studies.
- 2009 National Council of Science and Technology (CONACyT). Grant for Research Stay, 2009.
- 2007 to 2009 National Council of Science and Technology (CONACyT). Grant for master's Studies.
- 2005 National Scholarship Program (PRONABES), 2005, Scholarship for Licenciatura Degree studies, \$1,000.
- 2003 National Scholarship Program (PRONABES), 2003, Scholarship for Licenciatura Degree studies, \$1,000.

IX. PRESENTATIONS (IN STAGE. *VIRTUAL)

- 2021 Group Living, maternal care, and secretive behavior of neonates in the highly social *Liolaemus leopardinus* (Squamata: Liolaemidae) from the Central Chilean Andes. Seminar Series, Prairie Research Institute. November 30th, 2021.
- 2021* Uso de Colecciones de Historia Natural en la Investigacion Cientifica. XXXVI SEMANA DE LA BIOLOGÍA," La Biología, Ciencias y Desarrollo. Las Perspectivas Socioambientales". 30 de septiembre de 2021. Univerdsidad de artes y Ciencias de Chiapas.
- 2020* Group Living, Parental Care, Age Structure, and Genetic Relatedness in *Liolaemus leopardinus*, a High-elevation Lizard from the Andes of Chile. September 29, 2020. Guest Lecture. SUNY Oneonta.
- 2018 Santoyo-Brito, E., H. Núñez, and S. Fox. Sociality in a high-elevation Lizard. October 26, 2018. Biology Seminars, Missouri State University.
- 2014 Santoyo-Brito, E., M. Anderson, and S. Fox. Sex Ratio According to Incubation Temperature in the Collared Lizard, *Crotaphytus collaris*. Joint Meeting of Ichthyologists and Herpetologists, 2014. Chattanooga, TN.
- 2014 Santoyo-Brito, E., S. Perea-Fox, H. Núñez, and S. Fox. Parental Care and Group Living in a Social Lizard. The Southwestern Association of Naturalists 2014. Stillwater, OK.

- 2013 Santoyo-Brito, E., and S. Fox. Ecology and Parental Care in *Liolaemus leopardinus* at High Elevations in the Andes of Chile. Joint Meeting of Ichthyologists and Herpetologists 2013. Albuquerque, Nuevo Mexico.
- 2012 Santoyo-Brito, E., M. Anderson, and S. Fox. Sex Ratio and Morphological Development According to Incubation Temperature in the Collared Lizard, *Crotaphytus collaris*. World Congress of Herpetology and Joint Meeting of Ichthyologists and Herpetologists 2012. University of British Columbia, Vancouver, BC, Canada.
- 2012 Santoyo-Brito, E., M. Anderson, and S. Fox. Sex Ratio and Morphological Development According to Incubation Temperature in the Collared Lizard, *Crotaphytus collaris*. The Southwestern Association of Naturalist 2012. Valle de Bravo, México.
- 2010 Santoyo-Brito, E., and S. Fox. Refuging ecology of *Crotaphytus collaris*. Oklahoma Academy of Sciences. 2010. Northeastern State University, Broken Arrow, OK.
- 2010 Santoyo-Brito, E., S. Fox. Refuging ecology of *Crotaphytus collaris*. Southwestern Association of Naturalists. 2010. Junction, Texas, at Texas Tech's Llano River Field Station.
- 2010 Santoyo-Brito, E., and J.A. Lemus-Espinal. Diversidad Herpetofaunísticas del Cañon de Chínipas, Chihuahua/Herpetofauna Diversity in Chinipas Canyon Chihuahua. 1er Ciclo de Conferencias: "Manejo de Fauna Silvestre en el Colegio de Postgraduados, Una Visión de Conservación" 2009. Montecillo, Mpio. de Texcoco, Edo. de México, México.
- 2008 Santoyo-Brito, E., and J.A. Lemus-Espinal. Ecología de la Herpetofauna del Canon de Chínipas. 2008. Varadero, Cuba.
- 2006 Santoyo-Brito, E., and I. Goyenechea-Mayer. Análisis de las subespecies de *Boa constrictor* descritas para territorio Mexicano. Reunión Nacional de Herpetología. 2006. Universidad Autónoma de Nuevo León, Monterrey, Nuevo León, México.
- 2006 Santoyo-Brito, E. Vermicomposta "Aprovechamiento de Residuos de Vegetación/Vermicompost "Harnessing Waste Vegetation." 2006. Elotepec, Veracruz. México.
- 2002 Santoyo-Brito, E. Mitos de los reptiles de Veracruz y la *Boa constrictor*. Córdoba, Veracruz, México.
- 2002 Santoyo-Brito, E. *Boa constrictor*, mitos y verdades. 2002. Joachin, Veracruz, México.

PRESENTATIONS (POSTER)

- 2017 Santoyo-Brito, E., S. F. Fox, and H. Núñez. Experimental evidence for embryo resorption in the high elevation Chilean lizard *Liolaemus leopardinus*. 2017 at 64th Southwestern Association of Naturalists. Lawton, OK.
- 2014 Santoyo-Brito, E., M. Anderson, and S. Fox. Sex Ratio According to Incubation Temperature in the Collared Lizard, *Crotaphytus collaris*. Research week 2014 at Oklahoma State University. Stillwater, OK.

- 2008 Santoyo-Brito, E., and J. A. Lemus-Espinal. Monthly Diversity of Herpetofauna of Chínipas Canyon, Chihuahua. VIII Latin American Congress of Herpetology. 2008. Varadero, Cuba.
- 2008 Santoyo-Brito, E., and J. A. Lemus-Espinal. Herpetofauna of Chínipas Canyon, a Priority Terrestrial Region of Chihuahua. X National Meeting of Herpetology. 2008. Universidad Autónoma de Hidalgo. Pachuca, Hidalgo, México.
- 2002 Santoyo-Brito, E., 1st Symposium. Universidad Veracruzana. 2002. Escuela de Ciencias Biológicas y Agropecuarias. Cordoba, Veracruz, México.

X. WORKSHOPS AND MEETING ORGANIZER

- 2017 Organizer Central Ecology and Evolution Conference. 2017 Stillwater, OK
- 2017 Organizer How to publish in the Southwestern Naturalist. 2017-SWAN workshop. Lawton, OK.
- 2016 Organizer/Speaker "Research abroad." 2016-SWAN student workshop Mexico City, Mexico
- 2015 Organizer "Pitch it in five!" 2015-SWAN student workshop. Stillwater, OK.
- 2014 Organizer "Modeling and CV writing" 2014-SWAN student workshop. Stillwater, OK
- 2013 Organizer "Bayesian inferences" 2013-SWAN student workshop. Lake Charles, LA.
- 2012 Organizer/Speaker "Graduate Students in an International Setting: How to Successfully Apply to International Programs and Maintain Productive International Collaborations." 2012-SWAN student workshop Valle de Bravo, Mexico.
- 2009 Organizer International Seminar: New Approaches to Animal Research. 30 Anniversary of the Livestock Program. Colegio de Postgraduados. September 11, 2009. Montecillo, Mpio. de Texcoco, Edo. de México, México.
- 2009 Organizer/Speaker 1er Ciclo de Conferencias: "Manejo de Fauna Silvestre en el Colegio de Postgraduados, Una Visión de Conservación/Wildlife Management at Colegio de Postgraduados, A Conservation Vision" 2009. Montecillo, Mpio. de Texcoco, Edo. de México, México.
- 2004 Organizer "Reptiles y especies terrestres". June 18, 2004. XICOHTENCATL High School. Santa Leticia, Fortin, Veracruz. México.
- 2004 Organizer Taller de Herpetología/Herpetology Workshop. March 11, 2004. Escuela primaria: Adolfo López Mateos. Tlalnepantla, Edo. México. México.

CONFERENCES, WEBINARS, MEETINGS AND SYMPOSIA ATTENDANCE (RELEVANT TO THE POSITION; *VIRTUAL ATTENDANCE)

- 2023 Virtual Office Hour - Plan for Safe and Inclusive Working Environments. Webinar hosted by: NSF. February 7, 2023*.
- 2023 Biodiversity Collections Network (BCoN) and the U.S. Culture Collection Network (USCCN): Kick-off webinar & discussion on the need for a specimen management plan requirement. Webinar hosted by: American Institute of Biological Sciences & Natural Science Collections Alliance. February 7, 2023*.

- 2022 iDigBio: Biodigicon. September 27 – 29, 2022*.
- 2022 iDigBio: Annual Digital Data in Biodiversity Research Conference. May 23 – 25, 2022*.
- 2021 iDigBio: Digital Data Virtual Meeting. May 2021*.
- 2017 The Society for Preservation of Natural History Collections (SPNHC-2017). Denver, CO.
- 2016 64th Annual Meeting of the Southwestern Association of Naturalist. Lawton, OK.
- 2015 63rd Annual Meeting of the Southwestern Association of Naturalist. Mexico.
- 2009 1st Regional Meeting of South-Southeast UMAS, 2009. September 30 to October 2, 2009. Tuxtla Gutiérrez, Chiapas, México.
- 2009 56th Annual Meeting of The Southwestern Association of Naturalists. April 23–25, 2009. Biblioteca Magna de la Universidad Autónoma de Nuevo León. Monterrey, Nuevo León, México.
- 2005 VII Latin American Congress of Herpetology. August 15–19, 2005. Universidad Autónoma del Estado de México. Cuernavaca, Morelos, México.
- 2004 VIII National Meeting of Herpetology. November 8–11, 2004. Universidad Juárez Autónoma de Tabasco. Villahermosa, Tabasco, Mexico. Mexican Herpetological Society, A. C.
- 2002 2da Reunion Nacional de Herpetoculturismo y Herpetofilia. Iztacala FES, UNAM. 2002. México.

COURSES AND WORKSHOPS ATTENDANCE (RELEVANT TO THE POSITION)

- 2021 Strategic Planning for Biodiversity Collections. Course. December 2021
- 2017 Natural History Collections Club Network: Strategies for Building Undergraduate Interest and Participation in Natural History Collections. Workshop, SPNHC-2017 Denver, Co.
- 2017 Standards and Best Practices for Fluid Preservation. Workshop, SPNHC-2017 Denver, Co. Writing for Successful Journal Publication to Promote Effective Change in Natural History Collections. Workshop, SPNHC-2017 Denver, Co.
- 2009 56th Annual Reunion of The Southwestern Association of Naturalists, 2009. Student Workshop. How to write and publish a scientific paper (with emphasis on the Southwestern Naturalists). April 25, 2009, Biblioteca Magna de la Universidad Autónoma de Nuevo León. Monterrey, Nuevo León, México.
- 2008 Analysis of species diversity in communities. Workshop. X National Meeting of Herpetology. October 6–8, 2008. Universidad Autónoma de Hidalgo. Pachuca, Hidalgo, México.
- 2006 Systematics and Biogeography. Workshop. IX National Meeting of Herpetology. November 8–11, 2006. Universidad Autónoma de Nuevo León. Monterrey, Nuevo León, México.

2006 First workshop on reptile management. February 23–24, 2006. El Loro Zoo-Park. Puebla, México.

SYNERGETIC ACTIVITIES (MOST RECENT)

2022 – present Representative of the INHS Biological Collections. Society for the Preservation of Natural History Collections (SPNHC).

2017 to 2021 Member of the SWAN ad hoc Committee on Communication in the 21st Century of the Southwestern Association of Naturalists.

2011 to 2019 Volunteer during OSU-National Lab Day, 2011–19. Using Natural History Collections to Document Changes in Biodiversity. Stillwater, OK,

2019 BioBlitz 2019. Sequoyah State Park, OK.

2018 BioBlitz 2018. Greenleaf State Park, OK.

2016 BioBlitz 2016. Biological Station, University of Oklahoma.

2016 Upward Bound group 2016. Stillwater, OK.

2012 to 2013 Proud to be a life scientist 2013-19. Oklahoma State University. Stillwater OK,

2013 to 2017 Co-Chair of the Student Advisory Committee of the Southwestern Association of Naturalists, 2013–17.

2014 Local Committee member of the 61st Annual Reunion of the Southwestern Association of Naturalists, 2014. Stillwater, OK.

2013 to 2019 Volunteer during OSU-National Lab Day, 2013-19. Cowboy Herpetology: Lassoing Lizards 101. Stillwater, OK.

2011 to 2018 Activities in Southwestern Association of Naturalists: Student Advisory Committee; various translations including minutes of the 2011–18 SWAN Board of Governors and Business Meeting.

2011 to 2018 Translation of the INSTRUCTIONS FOR AUTHORS for The Southwestern Naturalist

2011 to 2017 Reptiles and venomous snakes at Sierra Nature Camp 2011-17. Stillwater, OK

2012 Volunteer during OSU-National Lab Day, 2012. Collection of Vertebrates. Stillwater, OK.

MEMBERSHIPS

- 1) Society for the Preservation of Natural History Collections (SPNCH)
- 2) Society for the Study of Amphibians and Reptiles (SSAR).
- 3) The Herpetologists' League (HL).

4) The Southwestern Association of Naturalists (SWAN).

5) The American Society of Naturalists (ASN).