

**Kyle J. Shaney**  
**Curriculum Vitae**

**Assistant Professor & AAAS Science & Technology Policy Fellow**  
**Wildlife Ecology, Biogeography, Natural Resource Management and Conservation Biology**  
**Texas A&M University-Kingsville-Biological & Health Sciences**  
**National Science Foundation-Division of Environmental Biology**

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Outreach website: [emptyforests.com](http://emptyforests.com)

**Education**

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**Ph.D. Quantitative Biology**

Dec. 2017

University of Texas-Arlington

Dissertation: Biogeography and conservation of reptilian diversity in West Indonesia

**B.I.S. Geography/Zoology/Botany**

May 2012

Weber State University

Thesis: Biodiversity surveys along the Wasatch Front, Utah.

**Language Skills**

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**Spanish** (Advanced Professional Proficiency)

**Indonesian** (Basic)

**Academic Positions**

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(HSI=Hispanic Serving Inst., ENAI=Emerging Native American Inst.)

- 2024-present. **AAAS Science and Technology Policy Fellow**. National Science Foundation (NSF). Division of Environmental Biology-Ecology and Evolution of Infectious Disease. Based at NSF Headquarters in Washington D.C. area.
- 2022-present. **Assistant Professor of Biology** (tenure-track). Department of Biological and Health Sciences. Texas A&M University-Kingsville (HSI).
- 2021-2022. **Graduate Program Coordinator**. Department of Natural Resource Management and Department of Forestry. New Mexico Highlands University (HSI, ENAI).
- 2021-2022. **Assistant Professor** (tenure-track). Department of Forestry. New Mexico Highlands University (HSI, ENAI). Las Vegas, New Mexico.
- 2018-2020. **Postdoctoral Fellow**. Department of Ecology and Biodiversity. Institute of Ecology. National Autonomous University of México. Mexico City, México.
- 2013-2017. **Graduate Teaching Assistant**. Amphibian and Reptile Diversity Research Center and Department of Biology. University of Texas at Arlington (HSI). Arlington, Texas.

## **Other Professional Experience**

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- 2023-present. **USDA grant senior personnel.** Surveillance of SARS-CoV2 Virus in South Texas Mammals. \$3.2 million. Assisting with mapping the spatial patterns of disease prevalence across the landscape.
- 2015-present. **IUCN Crocodile Specialist Group** and Sunda Gharial Task Force member
- 2021-2022. **NSF CREST grant subproject leader** (Not a PI or Co-PI). Wildlife ecological functions, fire and reforestation (responsible for managing piece of \$5 million award).
- 2020-present. **Honorary Member of ICCA** (Indigenous and Community-Conserved Territories and Areas) international consortium.
2018. **Wildland Firefighter** (six-month fire season). Silver State Hotshots. Bureau of Land Management and US Forest Service Interagency program. Carson City, Nevada.
2016. **Contract Researcher: Wood Bison Restoration.** Spatial Ecology. Alaska Department of Fish and Game. Interior Alaska.
2012. **Wildland Firefighter** (six-month fire season). Engine Crew. Bureau of Land Management and US Forest Service Interagency program. Pocatello, Idaho.
2011. **Black bear population ecology technician.** University of Tennessee. Atchafalaya Basin, Louisiana.
- 2010-2011. **Mountain lion spatial ecology technician.** Utah State University. Northern Utah.

## **Certifications**

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2024. **Chemical Immobilization Veterinary Certificate.** San Diego Zoo. 32 hour course.
2023. **Wilderness Emergency Medicine Technician (WEMT).** National Outdoor Leadership School (NOLS), Mount Shasta, California. Passed rigorous 200 hour course. Training including 16 hours of clinical rotations at northern California hospital ER.
- 2023-present. **Emergency Medicine Technician (EMT).** United States National Registry of Emergency Medical Technicians. I received this cert. after completing the 200 hour WEMT.
- 2023-present. **Basic Life Support (BLS) CPR and First Aid.** 16 hour course.
2021. **U.S. Forest Service Basic Tree Climbing Certification.** Santa Fe National Forest, NM. 2021. Passed a 32 hour course.
- 2012 and 2018. **Basic Fire School Certification.** Caribou-Targhee National Forest, Bridger Teton National Forest, Idaho Falls BLM, Grand Teton National Park, and Eastern Idaho Technical College host unit (32 hours)
- S-110 Basic Wildland Fire Orientation
  - S-130 Firefighter Training
  - S-190 Introduction to Wildland Fire Behavior
  - S-134 Safety on the Fireline
  - L-180 Human Factors in the Wildland Fire Service
  - L-100 Introduction to the Incident Command System
2012. **Chainsaw Faller A,** Bureau of Land Management

## **Fellowships and Awards**

More than **\$370,000 total**

2024. American Association for the Advancement of Science (AAAS) Science, Technology and Policy (STPF) Fellowship. Selected by **National Science Foundation. Directorate of Environmental Biology**-Ecology and Evolution of Infectious Disease. **\$270,000** (\$135,000 per year, second year optional).
2019. **Sistema Nacional de Investigadores (SNI) CONACYT** (México Government, Science and Technology Program). SNI Level I researcher. Elevation in national researcher status (**\$10,000/yr**).
- 2018-2020. **DGAPA Postdoctoral Fellowship**. Institute of Ecology. National Autonomous University of México (**\$24,000.00/yr**). Biogeography of Cuban Iguanas and Yucatan Peninsula rodents.
2018. **Fulbright Scholar** (Teaching and Research). National University of Colombia, Bogotá (**\$25,000.00**). Mapping the impacts of fire on biodiversity across the Orinoquia region of Colombia, South America. Did not accept because of a simultaneous offer.
2014. **National Geographic Young Explorer**. Crocodile research in Sumatra, Indonesia.
- 2013-2017. **PhD Teaching Assistantship Scholarship**. University of Texas at Arlington. **\$40,000**.

## **Grants**

(More than **\$390,000 total**, Principal Investigator unless notated otherwise)

- 2021-2024. **IUCN Crocodile Specialist Group-Phase Two**. Sunda gharial spatial ecology and conservation in Berbak National Park, Sumatra, Indonesia (**\$16,000.00**).
2022. **Rocky Mountain Elk Foundation Year 2**. Mapping cougar predation on elk in northern New Mexico (**\$15,000.00**).
- 2021-2022. **USDA-NLGCA Capacity Building Grant Program**. Rio Mora Natural Resources Field Skills and Leadership Development Program (Co-PI) (**\$300,000.00**).
2021. **High Plains Grasslands Alliance** (private ranchlands group). Engaging undergraduates in cougar ecology on private lands (**\$7,500.00** for undergraduate scholarships).
- 2021-2022. **IUCN Crocodile Specialist Group-Phase One**. Sunda gharial spatial ecology in Berbak National Park, Sumatra, Indonesia (**\$22,300.00**).
2021. **Rocky Mountain Elk Foundation Year 1**. Mapping cougar predation on elk in northern New Mexico (**\$12,000.00**).
2021. **New Mexico Game and Fish Department**. Mapping cougar predation on elk in northern New Mexico (**\$21,000.00** GPS collar contribution).
2020. **Faculty Research Grant**. New Mexico Highlands University. (**\$5,000.00**). Cougar movement and diet ecology in northern New Mexico.
2014. **National Geographic Society**. Young Explorers Grant (**\$5,000.00**). Assessing population structure of an endangered crocodilian in Sumatra (*T. schlegelii*).
2014. **IUCN Crocodile Specialist Group** (*Tomistoma* Task Force) (**\$4,500.00**). Assessing abundance and population structure of the endangered False Gharial (*Tomistoma schlegelii*) in Sumatra.
2013. **Phi Sigma Research Grant**. University of Texas-Arlington (**\$5,000**). Using population genetics to monitor illegal wildlife trafficking in Indonesian reptiles.

## Peer Reviewed Scientific Publications

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20 papers, 1 book chapter, 6 reports, H-Index: 10, 625 citations

20. Lamichhane, S., Bhattarai, D., Mareseni, T., **Shaney, K. J.**, Karki, J. B., Adhikari, B., Pandeya, P., Shrestha, B., Adhikari, H. 2023. Landscape predictors influencing livestock depredation by leopards in and around Annapurna Conservation Area, Nepal. *Peer J.* 11: e16516.  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10725174/>.
19. Sideleau, B., Staniawicz, A., **Shaney, K. J.** 2022. An analysis of Sunda gharial (*Tomistoma schlegelii*) attacks on humans. *Marine and Freshwater Research*.
18. Gutierrez-Garcia, T.A., **Shaney, K.J.**, Vazquez-Dominguez, E., Enk, J., Arroyo-Cabrales, J. 2021. Tropical Fossil Mitogenomes: Holocene biogeography of two codistributed rodent genera from the Yucatán Peninsula. *Journal of Archeological Science*.
17. **Shaney, K. J.**, Diaz-Ramirez, G. L., Espindola, S., Castañeda-Rico, S., Berovides-Álvarez, V., Vazquez-Domínguez, E. 2020. Defining intraspecific conservation units in the endemic Cuban Rock Iguanas (*Cyclura nubila nubila*). *Scientific Reports*.
16. **Shaney, K. J.\***, Harvey, M.B., Hamidy, A., Kurniawan, N., Smith, E. N. 2020. Phylogeny and biogeography of Sumatra's cloud forest lizards of the genus *Dendragama* and status of *Acanthosaura schneideri*. *ZooKeys*.
15. O'Connell, K.A., Oaks, J.R., Hamidy, A., **Shaney, K. J.**, Kurniawan, N., Smith, E. N., Fujita, M.K., 2020. Impacts of Toba eruption and montane forest expansion on diversification in Sumatran parachuting frogs (*Rhacophorus*). *Molecular Ecology*.
14. **Shaney, K.J.\***, Maldonado, J. <sup>U</sup>, Smart, U., Fujita, M.K., Hamidy, A., Kurniawan, N., Harvey, M.B., Smith, E. 2020. Phylogeography of montane dragons could shed light on the history of forests and diversification processes in Sumatra. *Molecular Phylogenetics and Evolution*.
13. Harvey, M. B., Larson, T.R., Jacobs, T.L., **Shaney, K. J.**, Streicher, J., Smith, E. N. 2020. *Phoxophrys* After 59 Years: Review of Morphology, Phylogeny, Status of *Pelturagonia*, and A New Species from Southeastern Kalimantan. *Herpetological Monographs*.
12. Harvey, M. B., **Shaney, K. J.**, Sidik, I., Kurniawan, N., Smith, E. N. 2018. Endemic dragons of Sumatra's volcanoes: new species of *Dendragama* (Aquamata: Agamidae) and status of *Salea rosaceum* Thomiot. *Herpetological Monographs*.
11. **Shaney, K. J.\***, Hamidy, A., Walsh, M., Arida, E., Arimbi, A. <sup>U</sup>, Smith, E. N. 2017. Impacts of anthropogenic pressures on the contemporary biogeography of threatened crocodilians in Sumatra. *Oryx*.
10. Harvey, M. B., Scrivani, J., **Shaney, K. J.**, Hamidy, A., Kurniawan, N., Smith, N. 2017. Sumatra's Endemic Crested Dragons (Agamidae: *Lophocalotes*): A New Species from the Bukit Barisan Range and Comments on *Lophocalotes ludekingi*. *Herpetologica*.
9. O'Connell, K. A., Smith, E. N., **Shaney, K. J.**, Arifin, U., Kurniawan, N., Sidik, I., Fujita, M. K. 2017. Coalescent species delimitation of *Rhacophorus catamitus* (Anura: Rhacophoridae) on Sumatra, and the description of a new species. *Zoologica Scripta*.
8. Harvey, M. B., **Shaney, K. J.**, Hamidy, A., Kurniawan, N., Smith, E. N. 2017. A new species of *Pseudocalotes* (Squamata: Agamidae) from the Bukit Barisan Range of Sumatra with an estimation of its phylogeny. *Zootaxa*.
7. **Shaney, K. J. \***, Wostl, E., Harvey, M., Smith, E. N. 2016. Conservation challenges regarding IUCN red list assessments in biogeographically complex regions: examples from overexploited reptiles of Indonesia. *Oryx*.

6. Wostl, E., Sidik, I., Trilaksono, W., **Shaney, K. J.**, Kurniawan, N., Vogel, G., Smith, E. N. 2016. Taxonomic status of the Sumatran Pitviper *Trimeresurus (Popeia) toba* David, Petri, Vogel & Doria, 2009 (Squamata: Viperidae) and other Sunda Shelf species of the subgenus *Popeia*. ***Journal of Herpetology***.
5. **Shaney, K. J.** \*, Adams, R., Kurniawan, N., Hamidy, A., Smith, E. N., Castoe, T. A. 2016. A suite of potentially amplifiable microsatellite loci for reptiles of conservation concern from Africa and Asia. ***Conservation Genetics Resources***.
4. Reyes-Velasco, J., Card, D. C., Andrew, A., **Shaney, K. J.**, Adams, R. H., Schield, D., Casewell, N. R., Mackessy, S. P., Castoe, T. A. 2015. Expression of venom homologs in diverse python tissues suggests a new model for the evolution of snake venom. ***Molecular Biology and Evolution***.
3. Streicher, J. W., Kurniati, H., Harvey, M. B., Anders, B., **Shaney, K. J.**, Smith, E. N. 2014. Mitochondrial DNA reveals a new species of parachuting frog (Rhacophoridae: *Rhacophorus*) from Sumatra. ***Zootaxa***.
2. Harvey, M. B., Hamidy, A., Kurniawan, N., **Shaney, K.J.**, Smith, E. N. 2014. Three new species of *Pseudocalotes* (Squamata: Agamidae) from southern Sumatra, Indonesia. ***Zootaxa***.
1. Castoe, T.A., de Koning, A.P.J., Hall, K. T., Card, D. C., Schield, D. R., Fujita, M.K., Ruggiero, R. P., Degner, J. F., Daza, J. M., Gu, W., Reyes-Velasco, J., **Shaney, K.J.**, (and 26 other authors). 2013. The Burmese Python genome reveals the molecular basis for extreme adaptation in snakes. ***Proceedings of the National Academy of Sciences***.

#### **Book Chapters**

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1. **Shaney, K.J.**, Schield, D.R., Card, D.C., Ruggiero, R.P., Pollock, D.D., Mackessy, S.P., Castoe, T.A. 2016. Squamate reptile genomics and evolution. In: ***Handbook of Toxinology: Venom Genomics and Proteomics***, P. Gopalakrishnakone (Ed.), Springer Reference Press, New York, NY.

#### **Scientific Reports**

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6. **Shaney, K. J.**, Shwedick, B., Simpson, B., Pine, A., Sideleau, B., Stevenson, C. 2023. The False Gharial IUCN Red List status assessment: Endangered. ***IUCN Red List***.  
<https://www.iucnredlist.org/species/21981/214287051>.
5. **Shaney, K.J.** 2023. Invasive Plant Encroachment, Wildlife, and Riparian Restoration in the Southwest. ***New Mexico Forest and Watershed Institute***. Pg. 1-41.
4. **Shaney, K. J.**, Shwedick, B., Simpson, B., Stevenson, C. 2019. IUCN Crocodile Specialist Group species action plan: *Tomistoma schlegelii* (Sunda gharial). ***IUCN publication***.  
[http://www.iucnscg.org/365\\_docs/attachments/protarea/29250d3a4c25ac44646a45ccf2aeebdc.pdf](http://www.iucnscg.org/365_docs/attachments/protarea/29250d3a4c25ac44646a45ccf2aeebdc.pdf).  
(Invited by IUCN chair and task force members).
3. **Shaney, K.J.**, Hamidy, A., Smith, E.N. Status of the False gharial in Sumatra. 2017. ***IUCN Crocodile Specialist Group Report***.  
[http://www.iucnscg.org/365\\_docs/attachments/protarea/f20b70f0a8b97200af0dd496c2a60c95.pdf](http://www.iucnscg.org/365_docs/attachments/protarea/f20b70f0a8b97200af0dd496c2a60c95.pdf).
2. **Shaney, K. J.**, Trilaksono, W., Hamidy, A., Smith, E.N. 2015. Preliminary assessment of False gharial (*Tomistoma schlegelii*) populations in Sumatra. ***IUCN Croc. Specialist Group Report***.  
[http://www.iucnscg.org/365\\_docs/attachments/protarea/02955f7103662bf1710d9281764de798.pdf](http://www.iucnscg.org/365_docs/attachments/protarea/02955f7103662bf1710d9281764de798.pdf).
1. **Shaney, K. J.**, and J. C. Marshall. 2013. A herpetofaunal biodiversity survey along the Wasatch Mountains, Utah: A focus on Morgan and Weber counties. ***Southwestern Center for Herpetological Research Bulletin***. 3, 17 – 22.

## **Professional Grant and Policy Review Experience**

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- **National Geographic Society (NGS)** Conservation grants. Reviewed four proposals, with \$100,000 cap. 2023.
- **International Union for the Conservation of Nature (IUCN) Crocodile Specialist Group**. Invited reviewer—small grants for graduate students program. Habitat feasibility and public perception on the ex-situ conservation and reintroduction of the Philippine crocodile *C. mindorensis*.
- **National Science Foundation (NSF)** Systematic and Biodiversity Science (SBS) cluster. Served on review panel during May 2023 session. Served as primary or secondary reviewer on eight proposals, ranging up to \$1.5 million in requested funds.
- **National Science Foundation (NSF)** Ad Hoc reviewer for SBS. January, 2023.
- **New Mexico Department of Game and Fish (NMDGF)**. 2021. Reviewer for Endangered species delisting proposal. Invited by NMDGF as one of four reviewers to evaluate whether the Gould's turkey qualified for delisting as a state endangered species.

## **Field Work Experience**

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- **Indonesia**: six months of time in country collectively between 2014, 2015, 2023. I led all three expeditions and worked in Java, Sumatra, and West Papua (New Guinea island).
- **Bolivia**: three weeks total time, including work in Chaco, Amazon, Chiquitano, Cerrado and Pantanal ecosystems.
- **Mexico**, worked in Sonora, Chihuahua, Coahuila and Veracruz.
- **Alaska**: two months collective time, including one month in summer and one in winter. Work was done in Boreal Biome. Worked in fixed-wing aircrafts and helicopters. Camped alone and gathered spatial ecology data. Drove an 18-foot aluminum boat with 150 horse-power motor.
- **New Mexico**: More than one month working in Rocky Mountain and Great Plains ecosystems leading mountain lion ecology fieldwork. I was responsible for handling chemical immobilization drugs, administering drugs to cougars, climbing trees to capture cougars, took blood samples and placed tracking collars on animals.
- **Texas, Nevada, Utah, Louisiana**: Several months spent in the field on projects that included, mule deer-coyote predator-prey ecology, black bear ecology, alligator ecology, and herpetological biodiversity surveys.

## **Mentorship** (Graduate Students)

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### *Committee Chair*

- **Quentin Pino (M.S.)**. Diet and movement ecology of cougars in northeastern New Mexico. Assistantship through NSF CREST grant. Graduation-2024.
- **Herdhanu Jayanto (M.S.)**. Movement ecology of Sunda gharials in the Berbak National Park, Sumatra. Funded by IUCN Crocodile Specialist Group. Graduation-2024.
- **Jordan Martinez (M.S.)**. Mapping Mongolian gazelle movements and migrations. Supported by The Nature Conservancy-Mongolia and Denver Zoo. Graduation-2023.

### *Committee Member*

- **Caleb McKinney (PhD)**. A multiscale assessment of avian responses to landscape change and fragmentation in the Tamaulipan thornscrub. Caesar Kleberg Wildlife Research Institute. Texas A&M University-Kingsville. Graduation, 2025.
- **Matthew Keeling (M.S.)**. Black bear resource selection and their responses to wildfires and forest restoration treatments in the Jemez Mountains. Department of Fish, Wildlife and Conservation Ecology. New Mexico State University.
- **Javier Segovia (M.S.)**. Migration patterns and bird flu in cackling geese. Caesar Kleberg Wildlife Research Institute. Texas A&M University-Kingsville.

**Undergraduate students**—I've directly mentored 15 undergraduate students to date, this included involving undergraduates in mountain lion captures in remote wilderness areas, teaching them about chemical immobilization of large mammals, and leading students on crocodile survey work in remote jungle settings in Indonesia. I also lead students on genetic analyses, writing, presentation development, and statistical analyses.

### **Teaching Experience**

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1 semester = 16 weeks of teaching and roughly 48 contact hours per every 3 credits

#### ***Instructor of Record***

##### **Texas A&M University-Kingsville, 2022-2024**

- Biology II (Ecology and Evolution), 4 credits, two semesters taught
- Ornithology, 4 credits, one semester taught
- Mammalogy, 4 credits, two semesters taught
- Herpetology, 4 credits, one semester taught

##### **New Mexico Highlands University, 2020-2021**

- Human-Wildlife Conflict, 2 credits, one semester taught
- Principles of Wildlife Management, 3 credits, two semester taught
- Forestry Field Practices, 4 credits, one semester taught
- Quantitative Methods, 3 credits, three semesters taught
- Wildlife Habitat Management, 3 credits, two semesters taught
- Field Safety Practices, 1 credit, three semesters taught

##### **National Autonomous University of Mexico, 2019**

- Conservation Biology, 3 credits, one semester taught

#### ***Laboratory TA***

##### **University of Texas-Arlington, 2013-2017**

- Ecology and Evolution Lab, 1 credit, six semesters taught (2-3 sections per semester)
  - I was responsible for all preparation, including 20 minute lectures each lab period.
- Biostatistics TA, two semesters
- Vertebrate National History Lab, two semesters
  - I was responsible for all lab preparation, including brief lectures.

## ***Guest Lectures***

- Spring, 2022. **Herpetology** Lecture (50 minutes): “*Conservation and Management of Crocodilians*” New Mexico Highlands University.
- Spring, 2017. **Ecology and Evolution** Lecture (50 minutes): “*History of Life on Earth*”. University of Texas-Arlington.
- Spring, 2017. **Biogeography** Lecture (50 minutes): “*Biodiversity and Distributions in Southeast Asia*”. UTA. University of Texas-Arlington.
- Fall, 2016. **Natural History** Lecture (50 minutes): “*Natural History of Texas*”. University of Texas-Arlington.
- Fall, 2015. **Conservation Biology** Lecture (50 minutes): “*International Wildlife Management*”. UTA. University of Texas-Arlington.

## **Diversity, Equity and Inclusion**

2021. **Mountain lion field ecology experiences** (underrepresented undergraduate students). I developed three scholarships for underrepresented students to dedicate time to mountain lion ecology project. Three students received \$2,500.00 each to participate in the project for a year. Among the awardees were Hispanic and tribal students.
2021. **Worked with Indonesian colleagues to conduct a graduate student search** for an Indonesian student to study Sunda gharial ecology in Indonesia. There was a long history of non-Indonesian students receiving these positions and I targeted the search to ensure that didn't happen. I hired Herdhanu Jayanto, who completed his thesis in 2024.
2021. **I was Co-PI on a USDA capacity building grant** to teach field ecology techniques to students from underrepresented groups.
2019. **Wrote an article in Spanish for the magazine Oikos** at the National Autonomous University of Mexico. This was done to share knowledge with a broader audience.

## **Invited Seminars**

- Shaney, K.J.** June of 2024. Fundamental Wildlife Metrics and Empty Forests. Michigan State University, Department of Fish and Wildlife and United States Geological Survey (USGS) Cooperative Fish and Wildlife Research Unit.
- Shaney, K. J.** April of 2023. Perspectives from the Fireline in the American West. Caesar Kleberg Wildlife Research Institute.
- Shaney, K.J.** May of 2022. Conservation genomics, biogeography and ecological functions of wildlife. New Mexico State University, Department of Fish, Wildlife and Conservation Ecology.
- Shaney, K.J.** May of 2022. Conservation genomics, biogeography and ecological functions of wildlife. Texas A&M-Kingsville. Department of Biological and Health Sciences.

## **Oral Presentations at Conferences**

- Shaney, K.J., Sideleau, B., Hamidy, A., Riyanto, A.** 2024. Crocodile Predation on Humans in the Indonesian Archipelago with an Attack Rate Correction Factor. IUCN Crocodile Specialist Group meeting. Darwin, Australia. Virtual.



- Shaney, K.J.**, Murray, C., Vliet, K., Shirley, M. 2024. Unraveling mysteries of Indonesia's crocodylians. IUCN Crocodile Specialist Group meeting. Darwin, Australia. Virtual.
- Shaney, K.J.** 2020. Reconsidering the "Exotic" status of elk in Mexico and Texas will impact North American rewilding efforts. Wildlife Society Meeting. Virtual.
- Shaney, K.J.** 2017. Using Biogeography to Identify Cryptic Diversity and Black Holes in Biodiversity Sampling. The International Congress for Conservation Biology. Cartagena, Colombia.
- Shaney, K.J.** 2017. Phylogeography of draconid lizards in the Pacific Ring of Fire. The International Biogeography Society, 8th Biennial IBS Conference. Tucson, AZ.
- Shaney, K.J.** 2016. Biogeography and conservation of reptilian diversity in West Indonesia. Genome Biology Group Meeting. University of Texas at Arlington, Arlington, TX.
- Shaney, K.J.**, Hamidy, A., Smith, E.N. 2016. Assessing the impacts of anthropogenic pressures on the contemporary biogeography of threatened crocodylians in Sumatra. Crocodile Advisory Group Meeting. Albuquerque, NM.
- Shaney, K.J.**, Hamidy, A., Smith, E. Crocodylians of Sumatra: A population assessment, ecology and conservation planning. 2015. Contributed Paper. Wildlife Society Meeting, 22nd annual conference. Winnipeg, Manitoba, Canada.
- Shaney, K.J.** Crocodylian population status in Berbak National Park. 2015. Berbak National Park Officials Meeting. Jambi City, Indonesia.
- Shaney, K.J.** Phylogenetic analysis of the South-East Asian *Pseudocalotes* lizards. 2014. Guest Speaker. Universitas Brawijaya. Malang, Indonesia.
- Shaney, K.J.**, D.R. Schield, D.C. Card, J. Reyes-Velasco, S.P. Mackessy, and T.A. Castoe. Gene expression in Burmese Pythons sheds light on the evolution of venom gene families. 2013. Joint Evolution—American Society of Naturalists Meetings. Snowbird, UT.

## Popular Articles

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3. **Shaney, K.J.** 2021. Following in the Footsteps of New Mexico Wildlife. *Santa Fe New Mexican newspaper*. [https://www.santafenewmexican.com/news/adventure/following-in-the-footsteps-of-new-mexico-wildlife/article\\_23d1f094-6713-11eb-9cd4-0bf796c2bc4d.html](https://www.santafenewmexican.com/news/adventure/following-in-the-footsteps-of-new-mexico-wildlife/article_23d1f094-6713-11eb-9cd4-0bf796c2bc4d.html)
2. **Shaney, K.J.** 2020. Combatiendo caza furtiva y expansión de aceite de palma: Los cocodrilos del agua negro de Sumatra. (Combating poaching and the expansion of palm oil: Blackwater crocodiles of Sumatra). *Oikos*. Influence: 28.7k Twitter followers, 39k Facebook followers.
1. **Shaney, K.J.** Elk population management and policy in Texas. 2017. *Bugle Magazine* (Official Magazine of the Rocky Mountain Elk Foundation). Conservation and Hunter Education Magazine with 205,000 magazine subscribers, 575k Facebook followers.

## Media Coverage

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- **Exploring the historic trails of Mexican elk:** *The Wildlife Society magazine*. <https://wildlife.org/tws2020-exploring-the-historic-trails-of-mexican-elk/>.
- **Meateater Podcast episode 061** (Hunting, Conservation, Wilderness Podcast).
- **National Geographic** social media clips of crocodile research in Indonesia. **More than 4 million views.** <https://fb.watch/2op-EPR3bs/>. 2017.

## **Professional Reviewer Experience (Scientific Journals)**

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- Western North American Naturalist
- Journal of Herpetology
- Zoological Journal of the Linnean Society
- Animal Conservation
- Amphibia Reptilia
- PLOS One
- Raffles Bulletin of Zoology
- The Forestry Chronicle