

MATT GOODE, PhD

Wildlife Conservation and Management
School of Natural Resources and Environment
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EDUCATION

B.S. Biology (Honors). University of Wyoming. Thesis: *Body Temperature and Defensive Behavior of Free-ranging Prairie Rattlesnakes*
M.S. Wildlife Ecology and Conservation. University of Arizona. Thesis: *Effects of Destructive Collecting Practices on Reptiles: A Field Experiment*
Ph.D. Wildlife Conservation and Management. University of Arizona. Dissertation: *Conservation Genetics of the Tiger Rattlesnake (Crotalus tigris) in the Context of Long-term Ecological Data*

PROFESSIONAL RESEARCH EXPERIENCE

1984-1988 Field Technician, Prairie Rattlesnake Ecology and Behavior, University of Wyoming
1987-1988 Field Technician, Yuma Clapper Rail Ecology and Conservation, University of Wyoming
1988-1989 Field Biologist, Aruba Island Rattlesnake Ecology and Conservation, American Association of Zoos
1993-1994 Wildlife Specialist Team Leader, Arizona Game and Fish Department
1994 Field Biologist, Sand Dune Inventory and Monitoring Program, Fringe-Toed Lizard and Shovel-Nosed Snake Ecology, University of Arizona and U.S. Army
1996-1998 Field Biologist, Inventory and Monitoring of Herpetofauna at Fort Bowie National Historic Site and Coronado National Memorial, University of Arizona and National Park Service.
1999-2001 Principal Research Specialist and Co-Coordinator, Sonoran Desert Network Inventory and Monitoring Program, USGS Sonoran Desert Field Station and University of Arizona
2001-Present Research Scientist, Wildlife Conservation and Management Program, School of Natural Resources and Environment, University of Arizona
2009-Present Faculty Member, Viper Institute, College of Medicine, University of Arizona

PROFESSIONAL EXPERIENCE IN EDUCATION AND OUTREACH

1989-1990 Middle School Biology and English Teacher, International School of Aruba, Dutch Caribbean
1990-1991 Middle School Biology and Computer Science Teacher, International School of Amsterdam, The Netherlands
1991-1993 High School Biology, Middle School Science and English Teacher, Het Rijnlands Lyceum, Oegstgeest, The Netherlands
1998-2000 Instructor, University of Arizona Extended University
2003 Instructor, Graduate Seminar on Conservation of Herpetofauna, University of Arizona
2011 Instructor, Herpetology Field Course, American Museum of Natural History Field Station, Chiricahua Mountains, Arizona
2011-2012 Instructor, Graduate Seminar on Urban Ecology, University of Arizona (with Mike Rosenzweig)

PROFESSIONAL CONSULTING EXPERIENCE

1994-1995 Grant Writer, Surveys for Herpetofauna and Small Mammals, Belagana Research Institute
1999-2001 Grant Writer, Field Surveys for Herpetofauna and Bats, Harris Environmental Group
2012-2013 Surveys and Construction Monitoring, Flat-tailed Horned Lizards, ICF Environmental
2015 Field Surveys and Construction Monitoring, Flat-tailed Horned Lizards, Herpetofauna, Nesting Birds, Burrowing Owls, ISEC West Solar Project, UltraSystems Environmental
2015 Tortoise Surveys, MCAGCC Tortoise Project, 29to30, LLC and TetraTech Environmental
2016 Blunt-nosed Leopard Lizard Surveys, AlphaBiota and Dudek Environmental, Aera Oil Co.

OTHER EXPERIENCE IN BIOLOGY

1985-Present Consulting Biologist, Snake Wrangler, and On-Screen Interviewee, Numerous Film and Television Documentaries on Snake and Lizard Biology, Ecology and Conservation

- 1985 Conference Organizer, Fourth Annual International Conference on Chemical Signals in Vertebrates, University of Wyoming
- 1992 Population Viability Analysis (PVA) Workshop, Aruba Island Rattlesnake Species Survival Plan, American Association of Zoos
- 1999-Present Peer Reviewer. Journal of Herpetology, Copeia, Animal Behavior, Behavioral Ecology and Sociobiology, Herpetological Review, Herpetological Natural History, Journal of Wildlife Management, Wildlife Society Bulletin, Southwestern Naturalist, Oecologia, Ecology, Ecological Applications, Restoration Ecology, Herpetological Biology and Conservation, Asian Herpetological Research, Hamadryad, and several edited volumes.
- 1999-2000 Volunteer Field Assistant, Study of Rattlesnake Roundup at Alamogordo, New Mexico, New Mexico Department of Fish and Game
- 2000 Invited Participant, Experts Workshop on Conservation of Natural Resources in the Sonoran Desert, The Nature Conservancy
- 2000 Authored Winning Proposal to Establish the Desert Southwest Cooperative Ecosystems Study Unit at the University of Arizona
- 2001-2005 Co-Chair, Southwest Region, Partners in Amphibian and Reptile Conservation.
- 2002 Invited Participant, Experts Workshop on Conservation and Management of the Peloncillo Mountains in Southeastern Arizona, The Nature Conservancy and Sky Island Alliance
- 2004 Invited Participant, Experts Workshop on Missing Linkages and Effects of Roads on Wildlife in Arizona, Arizona Game and Fish Department and Arizona Department of Transportation
- 2004-Present Session Chair at numerous scientific meetings and conferences
- 2005 Invited Participant, Rockies Wildlife Crossing Structures Workshop, Southern Rockies Ecosystem Project
- 2007 Invited Participant, Department of Defense Experts Workshop on Sonoran Desert
- 2008 Symposium Organizer, Maximizing Opportunities for Wildlife Conservation on Golf Courses, World Scientific Congress of Golf
- 2012-Present Member, IUCN Viper Specialist Group
- 2014 Member, Gartersnake Conservation Working Group, US Fish and Wildlife Service

OTHER EXPERIENCE IN EDUCATION AND OUTREACH

- 1986-1987 Guest Lecturer, Undergraduate Class in Natural History of Vertebrates, Department of Zoology, University of Wyoming
- 1987 Guest Lecturer, Undergraduate Class in Animal Behavior, Department of Zoology, University of Wyoming
- 1989 Instructor, Teaching Students the Importance of a Strong Wildlife and Land Conservation Ethic, Seminar, Association of Aruba Biology Teachers, American Association of Zoos
- 1991 Invited Participant, Northern European Association of Science Teachers Symposium, Teaching and Curriculum Development in Biology, Paris, France
- 1992 Invited Participant, International Baccalaureate Summer Workshop - Biology in the Classroom, Szeged, Hungary
- 1993 Committee Member, International Schools Association, Biology and Science Curriculum Development, Cardiff, Wales
- 1994-Present Presenter, Numerous paid and volunteer presentations to a variety of organizations (e.g., public/private schools, civic groups and NGOs)
- 1995 Invited Lecture, Teaching Environmental Education in Multi-cultural Settings, Armand Hammer World College, Las Vegas, New Mexico
- 1996-2008 Guest Lecturer, Undergraduate Course in Herpetology, Department of Ecology and Evolutionary Biology, University of Arizona
- 1997 Coordinator, A Student-directed Environmental Education Program Based on Ongoing Research with Rattlesnakes, Arizona Game and Fish Department Heritage Fund – Environmental Education Program
- 1999-2000 Workshop Leader, Tucson Audubon Society
- 1999-2001 Workshop Leader, Cooper Environmental Education Center, Tucson Unified School District
- 1999-2001 Graduate Mentor, Prescott College
- 2003 Invited Presenter, An Environmental Education Program Based on Rattlesnake Research, Partners in Amphibian and Reptile Conservation Annual Meeting of the Education and Outreach Technical Working Group, Gainesville, Florida
- 2005 Coordinator, Design and Development of Interpretative Signs, Stone Canyon Golf Course
- 2006 Organizer, Workshop on Making Golf Courses More Compatible with Wildlife
- 2012 Organizer and Presenter, Tumamoc Hill Open House, Arizona Centennial Celebration

PUBLICATIONS (43)

- Goode, M.J., Duvall, D., Redder, A.J., and Graves, B.M. 1986. Defensive behavior and body temperature of free-ranging prairie rattlesnakes: effects of predatory harassment. *American Zoologist*, 26:104.
- Redder, A.J., Duvall, D., and Graves, B.M., and Goode, M.J. 1986. Daily and seasonal activity patterns of the prairie rattlesnake, *Crotalus viridis viridis*, in Wyoming. *American Zoologist*, 26:105.
- Goode, M.J., and Duvall, D. 1989. Body temperature and defensive behaviour of free-ranging prairie rattlesnakes, *Crotalus viridis viridis*. *Animal Behaviour*, 38:360-362.
- Duvall, D., Chiszar, D., Hayes, W.K., Leonhardt, J., and Goode, M.J. 1990. Chemical and behavioral ecology of foraging activity in prairie rattlesnakes. *Journal of Chemical Ecology*, 16:87-101.
- Duvall, D., Goode, M.J., Hayes, W. K., Leonhardt, J., and Brown, D. 1990. Prairie rattlesnake vernal migration: field experimental analyses and survival value. *National Geographic Research*, 6:457-469.
- Goode, M.J., Radcliffe, C.W., Estep, K., Odum, R.A., and Chiszar, D. 1991. Field observations on feeding behavior in an Aruba Island rattlesnake (*Crotalus durissus unicolor*): strike-induced chemosensory searching and trail following. *Bulletin Psychonomic Society*, 28:312-314.
- Reinert, H.K., Johnson, R., and Goode, M.J. 1992. Aruba Island rattlesnake (*Crotalus durissus unicolor*) - final habitat report. In: *Proceedings of the International Symposium and Workshop on the Conservation and Research of the Aruba Island Rattlesnake*. American Association of Zoos.
- Odum, R.A. and Goode M.J. 1994. The *Crotalus durissus unicolor* Species Survival Plan (SSP): A multifaceted conservation effort. In: *Captive Management and Conservation of Amphibians and Reptiles*. Eds., J.B. Murphy, K. Adler and J.T. Collins. The Society for the Study of Amphibians and Reptiles.
- Goode, M.J., Schuett, G.W. 1994. Male combat in the western shovel-nosed snake (*Chionactis occipitalis*). *Herpetological Natural History*, 2:115-117.
- Goode, M.J. 1995. Microhabitat destruction caused by unethical collectors: effects on reptile abundance. *Sonoran Herpetologist*, 8:68-72.
- Goode, M.J., Duvall, D. 1997. Living on the edge: prairie rattlesnakes in Wyoming. *Sonoran Herpetologist*, 10:82-87.
- Goode, M. 2000. Tiger rattlesnake ecology and conservation. Tucson Zoological Society Newsletter.
- Reinert, H.K., Bushar, L.M., Rocco, G.L., Goode, M., and Odum, R.A. 2002. Distribution of the Aruba Island Rattlesnake, *Crotalus unicolor*, on Aruba. *Caribbean Journal of Science*, 38:126-128.
- Goldberg, C.S., Goode, M., Schwalbe, C.R., and Jarchow, J.L. 2002. External and implanted methods of radiotransmitter attachment to a terrestrial anuran (*Eleutherodactylus augusti*). *Herpetological Review*, 33:191-194.
- Prival, D.B., Goode, M., Swann, D.E., and Schwalbe, C.R. 2002. Ecology of the Twin-spotted Rattlesnake (*Crotalus pricei*). *Journal of Herpetology*, 38:598-607.
- Goldberg, C.S., Edwards, T., Kaplan, M.E., and Goode, M. 2003. PCR primers for microsatellites in the tiger rattlesnake (*Crotalus tigris*, Viperidae). *Journal of Molecular Ecology*, 3:539-541.
- Goode, M., Swann, D.E., and Schwalbe, C.R. 2004. Effects of destructive collecting practices on reptiles: a field experiment. *Journal of Wildlife Management*, 68:427-432.
- Amarello, M.A., and Goode, M. 2004. *Crotalus tigris* (Tiger Rattlesnake). Diet. *Herpetological Review*, 35:177.
- Setser, K., and Goode, M. 2004. *Hypsiglena torquata* (Night Snake). Diet. *Herpetological Review*, 35:177.
- Amarello, M.A., Setser, K., and Goode, M. 2004. *Masticophis flagellum* (Coachwhip). Diet. *Herpetological Review*, 35:178
- Amarello, M.A., and Goode, M. 2004. *Trimorphodon biscutatus* (Western Lyresnake). Predation. *Herpetological Review*, 35:182.
- Goode, M., Horrace, W.H., Howland, J.S., and Sredl, M.J. 2005. Habitat destruction caused by collectors associated with decreased abundance of rock-dwelling lizards. *Biological Conservation*, 125:47-54.
- Smith, J.J., Goode, M., and Amarello, M. 2008. Changes in structure and composition of Sonoran Desert reptile communities associated with golf courses. In: *Urban Herpetology*. Eds., J. Mitchell, R. Jung, and B. Bartholomew. Society for the Study of Amphibians and Reptiles, *Herpetological Conservation*, Volume 3.
- Goode, M., Smith, J.J., and Amarello, M. 2009. Seasonal and annual variation in home range and movements of Tiger Rattlesnakes (*Crotalus tigris*) in the Sonoran Desert of Arizona. In: *The Biology of Rattlesnakes*, Eds., W.K. Hayes, K.R. Beaman, M.D. Cardwell, and S.P. Bush, Loma Linda University Press, Loma Linda, CA.
- Munguia-Vega, A., Pelz-Serrano, K., Goode, M., and Culver, M. 2009. Eleven new microsatellite loci for the Tiger Rattlesnake (*Crotalus tigris*). *Molecular Ecology Resources*, 9:1267-1270.
- Goode, M. 2010. Population and community responses of reptiles to golf courses. *USGA Green Section Record*, 48:28-31.

- Bhaisare, D., Ramanuj, V. P., Shankar, P.G., Vittala, M., Goode, M., and Whitaker, R. 2010. Observations on a wild King Cobra (*Ophiophagus hannah*), with emphasis on foraging and diet. *Reptiles and Amphibians Conservation and Natural History*, 17:95-102.
- Smith, J.J., Amarello, M., and Goode, M. 2010. Seasonal growth of free-ranging Gila Monsters (*Heloderma suspectum*) in a southern Arizona population. *Journal of Herpetology*, 44:484-488.
- Shankar, P.G., Goode, M., and Whitaker, R. 2011. King in the canopy. In: *Forest Canopies of South Asia*, Eds., M.S. Devy, T. Ganesh and A. Tripathy, Ashoka Trust for Research in Ecology and Environment, Bangalore, India.
- Whitaker, R., Goode, M., and Shankar, G. 2011. Application of radiotelemetry techniques in snake research: King Cobras (*Ophiophagus hannah*, Cantor, 1836) in Agumbe, Karnataka, India. *Information Systems (ENVIS)*, Wildlife Institute of India, Deharadun, India.
- Goode, M., and Parker, M.R. 2011. Microgeographic variation in Tiger Rattlesnake ecology and life history: the importance of long-term, natural history-based, multiple-population research. *Reptiles and Amphibians Conservation and Natural History*, 18:84-91.
- Cochran, C. and Goode, M. 2012. Sexual variation in timing of egress and ingress in Tiger Rattlesnakes (*Crotalus tigris*). *Toxicon*, 60:240-241.
- Weir, S.M., Dobrovolny, M., Torres, C., Torres, C., Goode, M., Rainwater, T.R., Salice, C.J., and Anderson, T.A. 2013. Organochlorine pesticides in squamate reptiles from Southern Arizona. *Bulletin of Environmental Contamination and Toxicology*, 90:654-659.
- Rao, C., Talukdar, G., Dhoudhury, B.C., Shankar, P.G., Whitaker, R., and Goode, M. 2013. Habitat use of King Cobras (*Ophiophagus hannah*) in a heterogenous landscape matrix in the tropical forests of the Western Ghats, India. *Hamadryad*, 36:69-79.
- Barve, S., Bhaisare, D., Giri, A., Shankar, P.G., Whitaker, R., and Goode, M. 2013. A preliminary study on translocation of "rescued" King Cobras (*Ophiophagus hannah*). *Hamadryad*, 36:80-86.
- Prival, D.B., and Goode, M. 2014. Herpetological inventory of Chihuahuan Desert national parks. In: *Proceedings of the Sixth Symposium on the Natural Resources of the Chihuahuan Desert Region*, Eds., C.A. Hoyt and J. Karges. Desert Research Institute and Sul Ross State University.
- Strine, T.C., Silva, I., Crane, M., Nadolski, B., Artchawakom, T., Goode, M., and Suwanwaree, P. 2014. Mortality of a wild King Cobra, *Ophiophagus hannah*, Cantor, 1836 (Serpentes: Elapidae) from northeast Thailand after ingesting a plastic bag. *Asian Herpetological Research*, 5:284-286.
- Teskey, A., Walsh, L., Parker, M.R., and Goode, M. 2015. *Crotalus molossus* (Black-tailed Rattlesnake). Spring mating. *Herpetological Review*, 46:103.
- Park, B., Reimche, J.S., Parker, M., and Goode, M. 2016. *Phrynosoma mcallii* (Flat-tailed Horned Lizard) Necrophilia. *Herpetological Review*, 47:139.
- Pandey, D., Pandey G.S., Devkota, K., and Goode, M. 2016. Public perceptions of snakes and snakebite management: implications for conservation and human health in southern Nepal. *Journal of Ethnobiology and Ethnomedicine*, 12:22.
- Goode, M., and Parker, M.R. 2016. Golf Courses. In: *Habitat Management Guidelines for Amphibians and Reptiles of the Southwestern United States*, Eds., L.L.C. Jones, R.L. Lovich, and K.J. Halama. *Partners in Amphibian and Reptile Conservation*, Technical Publication HMG-5.
- Goode, M., Parker, M.R., Feldner, M., and Repp, R. 2016. *Crotalus tigris* (Tiger Rattlesnake) species account. In: *Rattlesnakes of Arizona*, Eds., G.W. Schuett, M.J. Feldner, C.F. Smith, and R.S. Reiserer, Eco Publishing, Rodeo, NM.
- Pandey, D., Jelic, D., Sapkota, S., and Goode, M. In Press. Species richness, species composition, and relative abundance of snakes in Chitwan National Park and vicinity: new records and assessment of conservation threats. *Northwest Journal of Zoology*.

TECHNICAL REPORTS (29)

- Sredl, M.J., Seim, S., Hill, J.G., Waters, D.L., and Goode, M.J. 1993. Results of 1993 leopard frog surveys on Coconino National Forest in Arizona, United States Forest Service.
- Turner, D.S., Schwalbe, C.R., Goode, M.J., and Warren, P.L. 1994. Unique sand dune ecosystem inventory and monitoring program, Barry M. Goldwater Air Force Range, Arizona, Dames and Moore, Inc., Biological Consultants.
- Goode, M.J., Howland, J.M., and Sredl, M.J. 1994. Effects of Habitat Destruction on Reptiles in Sonoran Desert Rock Outcrops. Final Report to Arizona Game and Fish Department Heritage Fund.
- Goode, M.J., Swann, D.E., Schwalbe, C.R., and Mannan, W. 1998. Effects of Habitat Destruction Caused by Collectors on Reptiles. Final Report to Arizona Game and Fish Department Heritage Fund.
- Goode, M.J., Turner, D.S., and Breeden, S. 1998. The Herpetofauna of Saguaro National Park Expansion Area: Habitat Assessment, Threats, and Recommendations. Report to Saguaro National Park.

- Prival, D.B., Goode, M.J., Swann, D.E., and Schwalbe, C.R. 1999. Effects of Poaching on Hunted vs. Unhunted Populations of Twin-spotted Rattlesnakes. Final Report to Arizona Game and Fish Department Heritage Fund.
- Goode, M.J., Powell, B.F., and Turner, D.S. 2000. A Study Plan to Inventory Vascular Plants and Vertebrates, Sonoran Desert Network, National Park Service.
- Goode, M.J. 2001. Ecology and Management of Tiger Rattlesnakes at Saguaro National Park. Final Report to the Southwestern Parks and Monuments Association.
- Goode, M.J. 2002. Ecology and Management of Tiger Rattlesnakes at the Rocking K Development Site Near Saguaro National Park. Final Report to the Western National Parks Association.
- Goode M.J., and Wall, M. 2002. Rattlesnakes and Urban Development: A Management Plan. Final Report to Arizona Game and Fish Heritage Fund.
- Goode, M.J., and Anning, P. 2002. Rattlesnake Research and Management at Saguaro National Park: A Geographic Information System Approach. Final Report to the National Park Service.
- Goode, M.J., Smith, J., Amarello, M., Setser, K., and Favour, N. 2003. Effects of Urban Development on Herpetofauna. Final Report to Arizona Game and Fish Department.
- Goode, M., and Amarello, M.A. 2004. Effects of Fire on Banded Rock Rattlesnakes at Chiricahua National Monument. Final Report to the National Park Service Sonoran Desert Network Inventory and Monitoring Program.
- Smith, B., Peterson, C. and Goode, M. 2004. Amphibian and Reptile Inventories of the Black Hills, South Dakota. Final Report to South Dakota Department of Parks and Wildlife.
- Prival, D.B., and Goode, M. 2005. Herpetofauna Inventories in Chihuahuan Desert National Parks with Recommendations for Future Monitoring Efforts. Final Report to the National Park Service.
- Middendorf, G., and Goode, M. 2006. Effects of prescribed fire on a snake predator and its lizard prey, Part 1. Final Report to the Western National Parks Association and Chiricahua National Monument.
- Goode, M.J. 2007. Conservation genetics of tiger rattlesnakes in Saguaro National Park and the surrounding Tucson Basin. Final Report to the National Park Service.
- Goode, M., Ehret, S., Middendorf, G., Charles, S., and Agard, C. 2008. Effects of prescribed fire on a snake predator and its lizard prey, Part 2. Final Report to the Western National Parks Association and Chiricahua National Monument.
- Goode, M.J., Smith, J.J., Amarello, M., and Rosenzweig, M.L. 2008. Putting the Green in Golf: Research and Education. Final Report to Arizona Game and Fish Heritage Program.
- Goode, M., and Culver, M. 2008. Conservation genetics of the Tiger Rattlesnake. Final Report Submitted to the National Park Service Desert Southwest Cooperative Ecosystems Study Unit and Organ Pipe National Monument.
- Goode, M., and Parker, M.R. 2009. Promoting Coexistence of Reptiles on Golf Courses Through Research and Education. Final Report to United States Golf Association Wildlife Links Program/National Fish and Wildlife Foundation.
- Whitaker, R. and Goode, M. 2010. Ecology and conservation of King Cobras in the Western Ghats of India. Final Report to Conservation Support Program, Riverbanks Zoo and Garden.
- Whitaker, R. and Goode, M. 2011. Ecology and Conservation of the King Cobra in the Western Ghats of India. Final Report to Mohammed bin Zayed Species Conservation Fund.
- Goode, M., and Parker, M.R. 2013. Herpetological Research in the Malpai Borderlands Region: Effects of Fire on an Oak Savanna Lizard Community and Range-wide Habitat Use of the Federally Threatened New Mexico Ridge-nosed Rattlesnake (*Crotalus willardi obscurus*). Final Report to Rocky Mountain Research Station, United States Forest Service.
- Goode, M., and Parker, M.R. 2015. Land Use and Wildlife at the Urban Fringe: Integrating Ecological Research, Public Perceptions, and Conservation Planning. Final Report to Arizona Game and Fish Department.
- Goode, M., and Parker, M.R. 2015. Evaluation of the Potential Impacts of the Joint Strike Fighter Program on the Flat-tailed Horned Lizard at MCAS-Yuma, Barry M. Goldwater Range. Final Report to Department of Defense, Marine Corp Air Station, Yuma, Arizona.
- Goode, M., and Parker, M.R. 2015. Narrow-headed Gartersnake Surveys on Haigler Creek, Tonto National Forest, 2014-2015. Final Report to Tonto National Forest, United States Forest Service.
- Strine, C., Goode, M., and Suwanwaree, P. 2016. Using King Cobra Research and Education to Promote Conservation in Rural Northeast Thailand. Final Report to Wildlife Reserves Singapore Zoo.
- Strine, C., Goode, M., and Suwanwaree, P. 2016. King Cobra Habitat Utilization and Foraging Ecology in Sakaerat Biosphere Reserve. Final Report to National Research Council of Thailand (In Thai).

FUNDED PROPOSALS (57 grants totalling \$3,664,000)

- 1986 Prairie Rattlesnake Defensive Behavior. Charles Kuehn Undergraduate Research Fellowship. University of Wyoming College of Arts and Sciences. (\$2K)

- 1995 Effects of Habitat Destruction Caused by Collectors on Reptiles. Arizona Game and Fish Department Heritage Fund. (\$35K)
- 1995 Ecology of Tiger Rattlesnakes in the Sonoran Desert. Southwestern Parks and Monuments Association. With H. Lawler. (\$7K)
- 1996 Effects of Habitat Destruction on Reptiles. Graduate Student Final Project Fund, University of Arizona, Graduate School. (\$2K)
- 1996 Inventory and Monitoring of Herpetofauna of Coronado National Memorial and Fort Bowie National Historic Site. National Park Service. With C. Schwalbe and D. Swann. (\$40K)
- 1997 Urban Rattlesnakes: A Management Plan. Arizona Game and Fish Department Heritage Fund. With C. Schwalbe. (\$74K)
- 1997 Ecology and Demographics of Hunted vs. Unhunted Populations of Twin-spotted Rattlesnakes. Arizona Game and Fish Department Heritage Fund. With D. Swann and C. Schwalbe. (\$50K)
- 1997 A Student-directed Environmental Education Program Based on Ongoing Research with Tiger Rattlesnakes. Arizona Game and Fish Department Heritage Fund. (\$18K)
- 1998 Effects of Urban Development on Tiger Rattlesnakes Living at the Boundary of Saguaro National Park. Southwestern Parks and Monuments Association. (\$24K)
- 1998 Conservation and Management of Commercially-valuable Snake Species at Chiricahua National Monument. With C. Schwalbe and D. Prival. (\$7K)
- 1999 Buff-breasted Flycatchers: Distribution, Population Trends and Effects of Fire. Arizona Game and Fish Department Heritage Fund. With C. Conway. (\$58K)
- 1999 Effects of Urban Development on Tiger Rattlesnakes. Denver Zoological Foundation. (\$2K)
- 1999 Using a Before-After-Control-Impact Study Design to Determine the Effects of Urbanization on Herpetofauna. Tucson Zoological Society. (\$4K)
- 1999 Management of Tiger Rattlesnakes at Saguaro National Park: A GIS Approach. National Park Service. With P. Anning. (\$25K)
- 2000 Inventory and Monitoring of Vascular Plants and Vertebrates in Sonoran Desert Network National Parks. National Park Service. With B. Halvorson, K. Davis, D. Turner, and B. Powell. (\$748K)
- 2000 Natural Resources Interpretation and Inventory at Gila Cliff Dwellings National Monument. Cooperative Ecosystem Studies Unit. With B. Powell and B. Halvorson. (\$20K)
- 2001 Identification of Plant Specimens from Sonoran Desert National Parks. Desert Southwest Cooperative Ecosystem Studies Unit. With B. Powell and B. Halvorson. (\$15K)
- 2001 Effects of Urban Development on Herpetofauna. Arizona Game and Fish Department Heritage Fund. With Lisa Harris. (\$76K)
- 2001 Conservation Genetics of Herpetofauna at Saguaro National Park and Coronado National Memorial. National Park Service Intermountain Regional Office. With T. Edwards and C. Goldberg. (\$26K)
- 2001 Conservation of Tiger Rattlesnakes at Saguaro National Park and the Surrounding Tucson Basin. Desert Southwest Cooperative Ecosystems Study Unit. With T. Edwards. (\$55K)
- 2001 Denning Ecology of Prairie Rattlesnakes. New Mexico Game and Fish Share With Wildlife Program. With A. Holycross and C. Painter. (\$13K)
- 2002 Reptile and Amphibian Inventories of Chihuahuan Desert Network National Parks. National Park Service. (\$183K)
- 2002 Interpretive Signage for Golf Courses. Vistoso Partners, LLC. With D. Caldwell. (\$5K)
- 2002 Effects of Fire on Herpetofauna in the Malpai Borderlands. United States Forest Service. (\$545K)
- 2002 Effects of Fire on Banded Rock Rattlesnakes at Chiricahua National Memorial. National Park Service, Inventory and Monitoring Program. (\$19K)
- 2002 Effects of Fire on a Predator, the Banded Rock Rattlesnake, and Its Prey, the Mountain Spiny Lizard. Western National Parks Association. With G. Middendorf. (\$16K)
- 2003 Is Foraging Strategy Related to Vulnerability in Banded Rock Rattlesnakes? T & E, Inc. With M. Amarello. (\$2K)
- 2003 Effects of Road Construction on Amphibians and Reptiles. T & E, Inc. With J. Smith. (\$2K)
- 2003 Putting the Green in Golf: Research and Education. Arizona Game and Fish Department. With M. Rosenzweig. (\$79K)
- 2003 Effects of Prescribed Fire on a Snake Predator and Its Lizard Prey. Western National Parks Association – continuation. With G. Middendorf. (\$25K)
- 2004 Amphibian and Reptile Inventories of the Black Hills, South Dakota. South Dakota Department of Parks and Wildlife. With B. Smith and C. Peterson. (\$21K)
- 2005 Health Assessment of Wild-caught Gila Monsters in the Sonoran Desert. Tucson Zoological Society. With B. Brandner, J. Jarchow and J. Smith. (\$2K)
- 2005 Identifying Potential Pathogens in Free-ranging Gila Monsters. T & E, Inc. With J. Smith and J. Jarchow. (\$3K)
- 2005 Habitat Analysis of the Endangered New Mexico Ridge-nosed Rattlesnake in the Sierra San Luis of Mexico. United States Forest Service. (\$38K)

- 2005 Conservation Genetics of Tiger Rattlesnakes at Organ Pipe Cactus National Monument and Saguaro National Park. Desert Southwest Cooperative Ecosystem Studies Unit and the National Park Service. (\$17K)
- 2007 Promoting Coexistence of Reptiles on Golf Courses Through Research and Education. United States Golf Association Wildlife Links Program/National Fish and Wildlife Foundation. (\$60K)
- 2008 Ecology and Conservation of the King Cobra in the Western Ghats of India. National Geographic Society. With R. Whitaker. (\$32K)
- 2009 Tail-Tale Signs: Isotope Analyses of Rattlesnake Rattles Reveals Environmental Change. University of Arizona Faculty Small Grant. (\$9K)
- 2009 Ecology and Conservation of the King Cobra in the Western Ghats of India. Riverbanks Zoo Conservation Fund. With R. Whitaker (\$5K)
- 2009 Ecology and Conservation of the King Cobra in the Western Ghats of India. Disney Worldwide Conservation Fund. With R. Whitaker (\$20K)
- 2009 Ecology and Conservation of the King Cobra in the Western Ghats of India. Mohammed bin Zayed Species Conservation Fund. (\$25K)
- 2009 Land Use and Wildlife at the Urban Fringe: Integrating Ecological Research, Public Perceptions and Conservation Planning. Arizona Game and Fish Department. (\$72K)
- 2010 Ecology and Conservation of the King Cobra in the Western Ghats of India. Gladys Porter Zoo. With R. Whitaker. (\$5K)
- 2010 Protecting the King Cobra and Its Habitat in the Western Ghats of India. SeaWorld/Busch Gardens Conservation Fund. With R. Whitaker. (\$10K)
- 2010 Evaluating Potential Impacts of F-35 Joint Strike Fighter Operations on the Flat-tailed Horned Lizard at Marine Corps Air Station, Yuma. US Department of Defense. (\$691K)
- 2011 Tumamoc Hill: Sustaining Ecosystem Health Within the Urban Landscape. University of Arizona Green Fund. (\$26K).
- 2012 Effects of Translocation on Flat-tailed Horned Lizards. US Department of Defense and Flat-tailed Horned Lizard Interagency Coordinating Committee. (\$125K)
- 2013 Monitoring Population Status Trends of the Flat-tailed Horned Lizard in Imperial County, California. Department of the Navy and Bureau of Land Management. (\$24K)
- 2013 Ecology and Conservation of King Cobras. Stichting Herpetofauna Nederland. (\$4K)
- 2013 Preliminary Study of King Cobra Spatial Ecology in Sakaerat UNESCO Man and Biosphere Preserve, Thailand. National Research Council of Thailand. With P. Suwanwaree, T. Artchawakom, and C. Strine. (\$16K)
- 2014 Ecology and Management of the Narrow-headed Gartersnake on the Tonto National Forest. US Forest Service. (\$65K)
- 2014 Promoting King Cobra Conservation Through Active Engagement of Local Communities. Suranaree University of Technology, Nakhon Ratchisima, Thailand. With P. Suwanwaree, T. Artchawakom, and C. Strine. (\$15K)
- 2014 Monitoring Population Status Trends of the Flat-tailed Horned Lizard in Imperial County, California. Department of the Navy and Bureau of Land Management. (\$59K)
- 2015 Using King Cobra Research and Education to Promote Conservation and Change Attitudes About Snakes in Rural Northeast Thailand. Wildlife Reserves Singapore, Singapore Zoo. With P. Suwanwaree, T. Artchawakom, and C. Strine. (\$26K)
- 2015 Radiotelemetry of Venomous Snakes in Agricultural Areas: Reducing Snakebite Through Education and Outreach to Local Communities. National Research Council of Thailand. With P. Suwanwaree, T. Artchawakom, and C. Strine. (\$12K)
- 2015 Quantifying Mortality of Flat-tailed Horned Lizards Due to Predation By Loggerhead Shrikes: Implications for Population Monitoring and Conservation. (\$59K)
- 2016 Spatial Ecology and Nest Site Selection of Female King Cobras in Northeastern Thailand. With P. Suwanwaree, T. Artchawakom, and C. Strine. (\$46K)

PAPERS PRESENTED AT SCIENTIFIC MEETINGS AND SYMPOSIA (65)

- 1986 Goode, M., Duvall, D., Redder, A.J., and Graves, B.M. Defensive Behavior and Body Temperature of Free-ranging Prairie Rattlesnakes: Effects of Predatory Harassment. American Society of Zoologists, Vanderbilt University
- 1986 Redder, A.J., Duvall, D., and Graves, B.M., and Goode, M. Daily and Seasonal Activity Patterns of the Prairie Rattlesnake, *Crotalus viridis viridis*, in Wyoming. American Society of Zoologists, Vanderbilt University
- 1987 Graves, B.M., Duvall, D., Goode, M., and Redder, A.J. Maternal Defense of Young in Prairie Rattlesnakes. Animal Behaviour Society, Williams College

- 1988 Duvall, M. Goode, W. Hayes, J. Leonhardt, A. Redder, and D. Chiszar. Why Do Prairie Rattlesnakes Migrate in the Spring?: Field and Lab Experiments. Animal Behaviour Society, University of Montana
- 1988 Goode, M., and D. Duvall. Effects of Body Temperature and Predatory Threat on the Defensive Behavior of Free-ranging Prairie Rattlesnakes in Wyoming. Animal Behaviour Society, University of Montana
- 1988 Duvall, D., Graves, B.M., Goode, M., and King, M.B. Thermoregulatory and Fitness Consequences of Social Aggregation in Pregnant Female Prairie Rattlesnakes. International Behavioral Ecology Conference, Simon Fraser University
- 1988 Duvall, D., Goode, M., Hayes, W.H., Leonhardt, J., Redder, A., and Chiszar, D. Why Do Prairie Rattlesnakes Migrate in the Spring?: Field and Lab Experiments. Joint Meeting of the American Society of Ichthyologists and Herpetologists, The Herpetologist's League, and The Society for the Study of Amphibians and Reptiles, University of Michigan
- 1990 Odum, R.A., Goode, M., and Flanagan, J. The Aruba Island Rattlesnake and the Species Survival Plan: Preliminary Findings from Field Research on Aruba. American Association of Zoological Parks and Aquaria, Pittsburgh, PA
- 1991 Odum, R.A., and Goode, M. Captive Management of the Aruba Island Rattlesnake (*Crotalus durissus unicolor*): An SSP Program. Roger Conant Symposium, 34th Annual Meeting of The Society for the Study of Amphibians and Reptiles and the 39th Annual Meeting of The Herpetologists League, Penn State University
- 1992 Goode, M., and Odum, R.A. Movement Patterns of Free-ranging, Radio-tagged Aruba Island Rattlesnakes (*Crotalus unicolor*) with Notes on Their Biology, Natural History and Status. International Symposium and Workshop on the Conservation and Research of the Aruba Island Rattlesnake, Aruba, Dutch Caribbean
- 1992 Odum, R.A., and Goode, M. The *Crotalus durissus unicolor* SSP: A Multifaceted Approach. International Symposium and Workshop on the Conservation and Research of the Aruba Island Rattlesnake, Aruba, Dutch Caribbean
- 1994 Goode, M. Microhabitat Destruction Resulting From Unethical Collecting Techniques: Potential Effects on Reptile Abundance. Arizona-New Mexico Chapter of the Wildlife Society, Sierra Vista, AZ
- 1994 Goode, M. The Effects of Habitat Destruction Caused by Unethical Collectors on Reptile Abundance. Annual Meeting the American Society of Amphibians and Reptiles, University of Southern California
- 1997 Goode, M., Swann, D., and Schwalbe, C. Effects of Collector-caused Habitat Destruction on Reptiles of Sonoran Desert Rock Outcrops: A Field Experiment. 37th Annual Meeting of the American Society of Ichthyologists and Herpetologists, University of Washington
- 1998 Goode, M., Meixner, M., Kranenburg, F., and Jones, B. An Environmental Education Program Based on Ecological Research with Rattlesnakes: Moral and Ethical Considerations of Urban Wildlife Issues. 2nd Conference on Research and Education in National Parks, Tucson, AZ
- 1999 Goode, M., Swantek, P., and Schwalbe, C. Ecology of Tiger Rattlesnakes in Southeastern Arizona. Current Research on Herpetofauna of the Sonoran Desert, Phoenix Zoo
- 1999 Prival, D., Goode, M., Swann, D., and Schwalbe, C. Ecology and Conservation of Twin-spotted Rattlesnakes, Current Research on Herpetofauna of the Sonoran Desert, Phoenix Zoo
- 1999 Goode, M., Swantek, P., and Schwalbe, C. Ecology and Management of Rattlesnakes at an Urban/Wildland Interface. 4th International Conference on Urban Wildlife Conservation, Tucson, AZ
- 1999 Swantek, P., and Goode, M. Using GPS/GIS to Analyze Movement Patterns and Habitat Selection of Tiger Rattlesnakes at Saguaro National Park and Adjacent Urban Areas. 4th International Conference on Urban Wildlife Conservation, Tucson, AZ
- 2000 Prival, D., Goode, M., Swann, D., and Schwalbe, C. Ecology and Conservation of Twin-spotted Rattlesnakes in the Chiricahua Mountains. 3rd Conference on Research and Education in National Parks, Tucson, AZ
- 2000 Swann, D., Schwalbe, C., Averill-Murray, R., Edwards, T., Esque, T., Gimblett, R., Goode, M., Harris, L., Briggs, M., and Kline, N. Long-term Monitoring of Reptiles and Amphibians at Saguaro National Park and the Rincon Valley. 3rd Conference on Research and Education in National Parks. Tucson, AZ
- 2000 Goode, M. Ecology and Conservation of Tiger Rattlesnakes at Saguaro National Park and Adjacent Urban Areas. 3rd Conference on Research and Education in National Parks, Tucson, AZ
- 2000 Goode, M., and Swantek, P. Using the ArcView Extension Animal Movement Analysis to Analyze Movement Patterns and Habitat Selection in Snakes. Snake Ecology Group Meeting, University of Arkansas
- 2000 Goode, M. Ecology and Management of Tiger Rattlesnakes. Joint Meeting of the American Society of Ichthyologists and Herpetologists, The Herpetologist's League, and The Society for the Study of Amphibians and Reptiles, National University of Mexico La Paz, Baja California Sur, Mexico

- 2000 Prival, D., Goode, M., and Schwalbe, C. Ecology and Conservation of Twin-spotted Rattlesnakes. Joint Meeting of the American Society of Ichthyologists and Herpetologists, The Herpetologist's League, and The Society for the Study of Amphibians and Reptiles, National University of Mexico La Paz, Baja California Sur, Mexico
- 2002 Goode, M., and Reid, C.P.P. Desert Southwest Cooperative Ecosystem Studies Unit: A Collaborative Effort. Department of Defense Natural Resources Conference, Tucson, AZ
- 2002 Goode, M. Spatial Ecology of Tiger Rattlesnakes: A 5-Year Study. Annual Meeting of the Ecological Society of America, Tucson, AZ
- 2002 Goode, M. Tiger Rattlesnake Spatial Ecology: A 5-Year Study. Current Research on Herpetofauna of the Sonoran Desert II, Tucson, AZ
- 2002 Wall, M.J., and Goode, M. Reproduction in Tiger Rattlesnakes. Current Research on Herpetofauna of the Sonoran Desert II, Tucson, AZ
- 2003 Goode, M., and Reid, C.P.P. Desert Southwest Cooperative Ecosystem Studies Unit: The New Kid on the Block. 4th Conference on Resource Management in the Desert Southwest, Tucson, AZ
- 2003 Goode, M. Ecology and Management of Tiger Rattlesnakes in Arizona. 4th Conference on Resource Management in the Desert Southwest, Tucson, AZ
- 2004 Smith, J.J., and Goode, M. How Do Sonoran Desert Lizards Respond to Golf Courses? Current Research on Herpetofauna of the Sonoran Desert III, Phoenix, AZ
- 2004 Goode, M. Comparative Ecology of Three Sonoran Desert Rattlesnakes. Current Research on Herpetofauna of the Sonoran Desert III, Phoenix, AZ
- 2004 Amarello, M.A., and Goode, M. Variation in spatial ecology among populations of the tiger rattlesnake. Snake Ecology Group Meeting, Southern Illinois University,
- 2004 Goode, M., and Smith, J.J. Calm Before the Storm: Tiger Rattlesnakes and Urban Development. Snake Ecology Group Meeting, Southern Illinois University
- 2004 Goode, M., and Smith, J.J. Interpopulation Variation in Tiger Rattlesnake Ecology. Joint Meeting of the American Society of Ichthyologists and Herpetologists, The Herpetologist's League, and The Society for the Study of Amphibians and Reptiles, Oklahoma University
- 2004 Amarello, M.A., Goode, M., Holycross, A., and McCrystal, H. Geographic Variation in Body Size of the Banded Rock Rattlesnake. Joint Meeting of the American Society of Ichthyologists and Herpetologists, The Herpetologist's League, and The Society for the Study of Amphibians and Reptiles, Oklahoma University
- 2004 Prival, D., and Goode, M. Herpetological Inventory of Chihuahuan Desert National Parks. 6th Conference on Natural Resources of the Chihuahuan Desert, Alpine, TX
- 2005 Goode, M., and Smith, J.J. Calm Before the Storm: Tiger Rattlesnakes and Urban Development. Biology of the Rattlesnakes Symposium, Loma Linda University
- 2005 Smith, J.J., and Goode, M. A Rattler's Tale: Inferring a Snake's History Through its Rattle. Biology of the Rattlesnakes Symposium, Loma Linda University
- 2005 Ehret, S., Goode, M., Prival, D., and Amarello, M. Ecology of Banded Rock Rattlesnakes in the Chiricahua Mountains of Southeastern Arizona. Biology of the Rattlesnakes Symposium, Loma Linda University
- 2005 Baker, K., Goode, M., and Schwalbe, C. Snake Species Assemblage at McKinney Flats, Hidalgo County, New Mexico. Arizona/New Mexico Chapter of the Wildlife Society, Northern Arizona University
- 2005 Baker, K., Goode, M., and Schwalbe, C. Snake Species Assemblage at McKinney Flats, Hidalgo County, New Mexico. Current Research on Herpetofauna of the Sonoran Desert III, Arizona State University
- 2005 Smith, J.J., and Goode, M. How Do Sonoran Desert Lizards Respond to Golf Courses? Current Research on Herpetofauna of the Sonoran Desert III, Arizona State University
- 2005 Goode, M., and Smith, J.J. Comparative Ecology of Three Sonoran Desert Rattlesnakes. Current Research on Herpetofauna of the Sonoran Desert III, Arizona State University
- 2005 Goode, M. Growth in the Tiger Rattlesnake. Joint Meeting of the American Society of Ichthyologists and Herpetologists, The Herpetologist's League, and The Society for the Study of Amphibians and Reptiles, Tampa Bay, FL
- 2005 Carillo-Percastegui, S., D.M. Bell, and M. Goode. La Amenazada *Crotalus willardi obscurus* en las Montañas Peloncillos: Preocupaciones, Cambios y Futuras Direcciones. Presented by S.C.-P., VII Congreso Latinoamericano de Herpetología. Cuernavaca, Morelos, Mexico.
- 2005 Charles, S., C. Agard, M. Goode, and G. Middendorf. The Effects of Variation in Water Availability on Yarrow's Spiny Lizard (*Sceloporus jarrovi*) as a Member of an Ecological Community in the Chiricahua Mountains of Southeastern Arizona. Annual Meeting of the Ecological Society of America, Montreal, Canada.
- 2007 Baker, K., and M. Goode. Ecology of a Grassland Snake Assemblage in the Animas Valley of Southwestern New Mexico, The Wildlife Society Meeting, Tucson.

- 2008 Goode, M. Interpopulation Variation in Tiger Rattlesnakes: The Importance of Long-term, Natural History-based Research. Current Research on Herpetofauna of the Sonoran Desert IV. Tucson Herpetological Society, Tucson, Arizona.
- 2008 Goode, M., R. Whitaker, and P.G. Shankar. Ecology and Conservation of the King Cobra in the Western Ghats of India. Joint Meeting of the American Society of Ichthyologists and Herpetologists, The Herpetologist's League, and The Society for the Study of Amphibians and Reptiles, Montreal, Canada.
- 2011 Parker, M.R., M. Goode, K. Albert, and F. Healy. Changes in Relative Abundance of Three Rattlesnake Species in an Urbanizing Environment. Biology of the Rattlesnakes II Symposium, Tucson.
- 2011 Goode, M., M.R. Parker, K. Albert, and F. Healy. Effects of Radiotelemetry on Tiger Rattlesnakes. Biology of the Rattlesnakes II Symposium, Tucson.
- 2012 Parker, M.R., M. Goode, and K. Albert. Using Fluorescent Powder Tracking to Observe Fine-scale Movements of Gila Monsters. The 7th World Congress of Herpetology, Vancouver, Canada.
- 2012 Albert, K., M. Goode, and M.R. Parker. Potential Effects of Military Operations on the Flat-tailed Horned Lizard, *Phrynosoma mcallii*. The 7th World Congress of Herpetology, Vancouver, Canada.
- 2012 Goode, M., M.R. Parker, and K. Albert. Effects of Urban Development on Tiger Rattlesnake Spatial Ecology: A 10-Year Study. The 7th World Congress of Herpetology, Vancouver, Canada.
- 2012 Cochran, C., and M. Goode. Sexual Variation in Timing of Egress and Ingress in Tiger Rattlesnakes (*Crotalus tigris*). Venom Week, International Scientific Symposium on All Things Venomous, Honolulu, Hawaii.
- 2013 Parker, M.R., Goode, M. Effects of Translocation of Flat-tailed Horned Lizards (*Phrynosoma mcallii*) in Southwestern Arizona. Joint Meeting of the American Society of Ichthyologists and Herpetologists, The Herpetologist's League, and The Society for the Study of Amphibians and Reptiles, Albuquerque, New Mexico.
- 2013 Albert, K., Parker, M.R., Goode, M. Snake Community Dynamics in a Southern Arizona Urbanizing Landscape. Joint Meeting of the American Society of Ichthyologists and Herpetologists, The Herpetologist's League, and The Society for the Study of Amphibians and Reptiles, Albuquerque, New Mexico.
- 2014 Goode, M., and M.R. Parker. Conservation Genetics of Tiger Rattlesnakes (*Crotalus tigris*) in the Context of Long-term Ecological Data. Biology of the Pitvipers II Symposium, Tulsa, Oklahoma.
- 2014 Parker, M.R., Goode, M., and Hauptman, J. A Long-term Study of Tiger Rattlesnake (*Crotalus tigris*) Spatial Ecology in an Urbanizing Environment. Biology of the Pitvipers II Symposium, Tulsa, Oklahoma.
- 2015 Silva, I., Strine, C., Crane, M. Artchawakom, T., Goode, M., and Suwanwaree, P. Spatial ecology and habitat utilization of king cobras (*Ophiophagus hannah*) in Northeast Thailand. The 6th Student Conference on Conservation Science, Bengaluru, India.
- 2015 Silva, I., Strine, C., Crane, M., Nadolski, B., and Artchawakom, T. Goode, M. Return of the king: reinventing the image of the king cobra (*Ophiophagus hannah*) as a flagship species in rural Thailand. ICCB-ECCB, Montpellier, France.
- 2015 Silva, I., Strine, C., Crane, M., and Artchawakom, T. Goode, M. 2015. Reinventing the image of the king cobra (*Ophiophagus hannah*) as a flagship species for conservation education in rural Thailand. ATBC Asia-Pacific Chapter, Phnom Penh, Cambodia.
- 2016 Strine, C. B. Marshall, I. Silva, Goode, M., P. Suwanwaree. 2016. King Cobra Conservation and Research in Sakaerat Biosphere Reserve. National Science and Technological Development Agency Annual Conference, Bangkok, Thailand.

INVITED LECTURES (48)

- 1987 Goode, M. Body Temperature and Defensive Behavior of Free-ranging Prairie Rattlesnakes in Wyoming. Keynote Speaker, 3rd Annual Honors Convocation. College of Arts and Sciences, University of Wyoming, Laramie.
- 1988 Goode, M., and D. Duvall. Prairie Rattlesnake Natural History and Behavioral Ecology in Southcentral Wyoming. Houston Zoo, Houston, Texas.
- 1989 Goode, M. The Aruba Island Rattlesnake: Studying an Endangered Species. Island Public Lecture Series. Oranjestad, Aruba, Netherlands Antilles.
- 1991 Odum, R.A., and Goode, M. Captive Management of the Aruba Island Rattlesnake (*Crotalus durissus unicolor*): An SSP Program. Roger Conant Symposium, 34th Annual Meeting of The Society for the Study of Amphibians and Reptiles, 39th Annual Meeting of The Herpetologists League, Penn State University, University Park.

- 1992 Goode, M., and R.A. Odum. Movement Patterns of Free-ranging, Radio-tagged Aruba Island Rattlesnakes (*Crotalus durissus unicolor*). Keynote Speaker, International Symposium and Workshop on the Conservation and Research of the Aruba Island Rattlesnake, Oranjestad, Aruba.
1994. Goode, M. Microhabitat Destruction Resulting From Unethical Collecting Techniques: Potential Effects on Reptile Abundance. Arizona Herpetological Association, Phoenix, Arizona.
- 1994 Goode, M.J. The Effects of Microhabitat Destruction on Reptile Abundance. Arizona Game and Fish Department Nongame Program Seminar, Phoenix, Arizona.
- 1994 Goode, M. Microhabitat Destruction Caused by Unethical Collectors: Effects on Reptile Abundance. Tucson Herpetological Society, Tucson, Arizona.
- 1998 Goode, M., and D. Duvall. Living on the Edge: Prairie Rattlesnakes in Wyoming. Tucson Herpetological Society, Tucson, Arizona.
- 1999 Goode, M. Ecology of Tiger Rattlesnakes in Southeastern Arizona. Tucson Herpetological Society, Tucson, Arizona.
- 1999 Goode, M. Conservation and Management of Rattlesnakes Living on the Boundary of Saguaro National Park. Saguaro National Park Volunteers Association. Saguaro National Park, Tucson, Arizona.
- 2001 Goode, M. Ecology, Conservation and Management of Tiger Rattlesnakes in Arizona. Departmental Seminar, Loma Linda University, Loma Linda, California.
- 2002 Goode, M. Ecology and Management of Tiger Rattlesnakes, Departmental Seminar, New Mexico State University, Las Cruces, New Mexico.
- 2002 Goode, M. Desert Southwest Cooperative Ecosystem Studies Unit: A Collaborative Effort. Gila River Indian Community Natural Resources Council, Sacaton, Arizona.
- 2002 Goode, M. Ecology and Management of Tiger Rattlesnakes. Western National Parks Association Public Lecture Series, Tucson, Arizona.
- 2003 Goode, M. An Environmental Education Program Based on Rattlesnake Research. Partners in Amphibian and Reptile Conservation Annual Meeting of the Education and Outreach Technical Working Group, Gainesville, Florida.
- 2003 Goode, M. Ecology, Conservation and Management of Tiger Rattlesnakes in Arizona. Western National Parks Association Members Lecture, Tucson, Arizona.
- 2004 Goode, M. Fire and Ridge-nosed Rattlesnakes: Where Do We Go From Here? Malpai Borderlands Group Annual Science Meeting, Douglas, Arizona.
- 2004 Goode, M. Ecology, Conservation and Management of Tiger Rattlesnakes in Arizona. Departmental Seminar, University of Virginia, Charlottesville, Virginia.
- 2004 Goode, M. Ecology, Conservation and Management of Tiger Rattlesnakes in Arizona. Departmental Seminar, Black Hills State University, Spearfish, South Dakota.
- 2005 Goode, M. Ecology, Conservation and Management of Tiger Rattlesnakes in Arizona. Departmental Seminar, Cornell University, Ithaca, New York.
- 2005 Goode, M. Habitat Destruction Associated with Reptile Collecting. Undergraduate Herpetology Class and Cornell Herpetology Club, Cornell University, Ithaca, New York.
- 2005 Toso, E., and Goode, M. Whose Story Is It Anyway? Using Art and Science to Revise Snake Myths. Tucson Herpetological Society, Tucson, Arizona.
- 2005 Goode, M. Tiger Rattlesnake Ecology, Conservation, and Management. Stichting RAVON (Reptielen Amfibieën Vissen Onderzoek Nederland), Nijmegen University, Nijmegen, Netherlands.
- 2006 Amarello, M., J.J. Smith, and M. Goode. Differences in Herpetofaunal Communities at Three Sonoran Desert Golf Courses Varying in Age. Symposium on Golf Courses and Herpetofauna, Joint Meeting of Ichthyologists and Herpetologists, New Orleans, Louisiana.
- 2006 Smith, J.J., M. Goode, and M. Amarello. Changes in Desert Lizard Ecology Before and After Golf Course Construction. Symposium on Golf Courses and Herpetofauna, Joint Meeting of Ichthyologists and Herpetologists, New Orleans, Louisiana.
- 2006 Goode, M., J.J. Smith, and M. Amarello. Oasis or Mirage: Use of a Golf Course and Surrounding Desert Areas by Tiger Rattlesnakes. Symposium on Golf Courses and Herpetofauna, Joint Meeting of Ichthyologists and Herpetologists, New Orleans, Louisiana.
- 2006 Goode, M. Ecology and Conservation of Tiger Rattlesnakes in the Sonoran Desert, Arizona. Departmental Seminar, Savannah River Ecology Laboratory, Aiken, South Carolina.
- 2007 Goode, M. Ecology, Conservation and Management of Tiger Rattlesnakes in Arizona. Departmental Seminar, University of California-Riverside, Riverside, California.
- 2007 Goode, M. Ecology, Conservation and Management of Tiger Rattlesnakes in Arizona. Banquet Speaker, New Mexico Herpetological Society, Albuquerque, New Mexico.
- 2008 Goode, M. Herpetological Potpourri - Natural History Observations on Herps in the Wild. Multiple Speaker Presentation. Tucson Herpetological Society, Tucson, Arizona.
- 2008 Goode, M. Putting the Green in Golf: Research and Education on Herpetofauna. Symposium on Maximizing Opportunities for Wildlife Conservation on Golf Courses, World Scientific Congress of Golf, Arizona State University, Tempe, Arizona.

- 2009 Goode, M. Ecology and Conservation of Tiger Rattlesnakes. Departmental Seminar, Arizona State University, Phoenix, Arizona.
- 2009 Goode, M., R. Whitaker, and P.G. Shankar. Ecology and Conservation of King Cobras in the Western Ghats of India. Chicago Herpetological Society, Chicago, Illinois.
- 2009 Goode, M., R. Whitaker, and P.G. Shankar. Tracking King Cobras in India. Banquet Speaker, Venom Week, International Scientific Symposium on All Things Venomous. Albuquerque, New Mexico.
- 2009 Goode, M. Population- and Community-level Responses of Amphibians and Reptiles to Golf Courses in the Sonoran Desert of Arizona. Desert Tortoise Council Meeting, Mesquite, Nevada.
- 2009 Goode, M. Long-term Research on the Effects of Development on Reptiles. University of Arizona Environmental Summit. Institute of the Environment, University of Arizona, Tucson, Arizona.
- 2010 Goode, M., R. Whitaker, and P.G. Shankar. Ecology and Conservation of King Cobras in the Western Ghats of India. Tucson Herpetological Society, Tucson, Arizona.
- 2011 Parker, M.R., and M. Goode. Gila Monsters, Golf Courses and Glowing Trails: Examining Fine-scale Movements of Gila Monsters in an Urbanizing Landscape. Tucson Herpetological Society, Tucson, Arizona.
- 2011 Goode, M., and M.R. Parker. Can We Coexist with Rattlesnakes and Gila Monsters: Putting Reconciliation Ecology to the Test. Tumamoc: The Science and History of a Desert Icon Lecture Series.
- 2012 Goode, M. Long-Term Research on Tiger Rattlesnakes in Arizona, USA. Departmental Seminar. School of Biology, Institute of Science, Suranaree University of Technology. Rakhon Natchisima, Thailand.
- 2013 Parker, M.R., M. Goode, and Albert, K. Using Fluorescent Powder Tracking to Observe Fine-scale Movements of Gila Monsters. Wildlife Disease Association, University of Arizona Chapter.
- 2013 Goode, M. Ecology and Conservation of King Cobras in India and Thailand. Departmental Seminar, School of Biology, Institute of Science, Suranaree University of Technology, Rakhon Natchisima, Thailand.
- 2014 Parker, M.R., and M. Goode. Examining the Potential Effects of the Joint Strike Fighter Program on the Flat-tailed Horned Lizard at MCAS-Yuma, BMGR. Tucson Herpetological Society, Tucson, Arizona.
- 2015 Goode, M., and Parker, M.R. Living with Rattlesnakes: Reconciliation Through Science and Education. Tumamoc: The Science and History of a Desert Icon Lecture Series.
- 2016 Goode, M. A Greener Game: Golf's Role in Wildlife Conservation. Keynote Speaker, World Scientific Congress of Golf, St. Andrews, Scotland.
- 2016 Goode, M. Long-term Study of Tiger Rattlesnakes in the Tucson Basin. Arizona Senior Academy Lecture, Tucson, Arizona.
- 2016 Goode, M. Long-term Research on Multiple Populations of the Tiger Rattlesnake in the Sonoran Desert of Arizona. Departmental Seminar, University of Nevada-Reno, Reno, Nevada.

MEDIA (41)

- 1985 Prairie Rattlesnake Research, Radio Interview, All Things Considered National Public Radio
- 1986 Snake, Rattle and Roll, Magazine Article, Natural History Magazine
- 1986 Prairie Rattlesnake Research in Wyoming, Magazine Article, "U" Magazine
- 1987 Snake Behavior and Natural History, Film Documentary, Oxford Scientific Films
- 1987 Reconstructing the Rattlesnake, Magazine Article, British Broadcasting Corporation Magazine
- 1988 Animal Migration: The Rattlesnake, Film Documentary, National Geographic Society
- 1997 Incredible Journeys: The Rattlesnake's Tale, Film Documentary, British Broadcasting Corporation and The Discovery Channel
- 1997 Rattlesnake Behavior, Television Interview, KOLD News
- 1997 Rattlesnake Research, Television Interview, KOVA News
- 1998 Rattlesnake Teacher Training Workshop, Television Feature, KGUN News
- 1998 Snake Lover, Newspaper Article, University of Arizona Daily Wildcat
- 1998 Rattlesnake Ecology, Radio Interview, Bert Lee Show, KNST Radio
- 1998 Radio Controlled Rattlesnakes, Newspaper Article, Arizona Daily Star
- 1998 Tiger Tale, Newspaper Article, Green Valley News
- 1999 Research on Rattlesnakes, Television Interview, Arizona Illustrated News Magazine, KUAZ Radio
- 1999 The Viper's Kiss, Film Documentary, British Broadcasting Corporation and The Discovery Channel
- 1999 Rattlesnakes and Snakebite, Magazine Article, Smithsonian Magazine
- 2000 The Jeff Corwin Experience, Television Program, Animal Planet Channel
- 2001 Deep in the Wild with Nick Baker, Television Program, British Broadcasting Corporation
- 2001 Reptile Poachers, Newspaper Article, Arizona Daily Star
- 2002 National Geographic Explorer, Research Profile, Television Program, National Geographic Society

- 2004 Snakes in the Neighborhood, Magazine Article, University of Arizona, College of Arts and Sciences Newsletter
- 2004 Snakes in the Neighborhood, Lead Website Feature, University of Arizona In The Spotlight
- 2004 Effects of Urban Development on Rattlesnakes, Magazine Article, Arizona Highways
- 2005 Effects of Golf Courses on Rattlesnakes, Newspaper Article, Arizona Daily Star
- 2005 Rattlesnakes and Development, Interview, Voice of America Radio
- 2006 Tiger Rattlesnake Research, Television Program, Deadly 60, National Geographic Television
- 2006 Episode on Rattlesnakes, Television Program, Ms. Adventure, Animal Planet Channel
- 2006 Nick Baker's Weird Creatures: Blood Squirting Lizard, Television Program, Icon Films
- 2007 Reviewer. Kiss, Rattle, Slither. Children's book on desert animals by Darlene Hartigan.
- 2008 Research on Effects of Golf Courses on Herpetofauna, Magazine Article, Bioscience
- 2009 The Serpent King, Full-length, one-hour special, National Geographic Films, With Rom Whitaker
- 2010 Rattlesnakes, Television Program, The Desert Speaks, KUAZ Television
- 2010 Summer Brings Out Snakes, Gila Monsters, and Researchers, Website Feature, University of Arizona, UANews
- 2010 Save a Place for the King, Multi-media Presentation, University of Arizona Website
- 2010 Rattlesnake Research, Magazine Article, The Desert Leaf
- 2011 Biology of the Rattlesnakes Conference, Interview, Arizona Daily Star
- 2011 Learning to Coexist with Rattlesnakes, Radio and Website Interview and Video, Arizona Public Media, NPR Affiliate
- 2013 Tracking Gila Monsters, Television Interview, Arizona Illustrated News Magazine, KUAZ
- 2014 Research Profile, Television Interview, Arizona Illustrated News Magazine, KUAZ

FELLOWSHIPS AND HONORS

- 1986 Charles Kuehn Undergraduate Research Fellowship, College of Arts and Sciences, University of Wyoming
- 1987 Graduated with Honors, Department of Zoology and Physiology, University of Wyoming
- 1996 Graduate Student Final Project Award, Graduate College, University of Arizona.
- 2010 Designated Explorer, National Geographic Society

SERVICE

- 1990-Present Peer Reviewer, Reviewed manuscripts for numerous journals and books
- 1996-1998 Member, Board of Directors, Tucson Herpetological Society, a non-profit organization dedicated to the conservation of Sonoran Desert herpetofauna.
- 2002-2007 Senior Co-Chair, Partners in Amphibian and Reptile Conservation - Southwest Region, a national organization established to conserve herpetofauna through state and federal agencies, private landowners, academia, NGOs, and industry
- 2002-2007 Senior Science Advisor, Partners in Parks, a non-profit organization established to promote conservation in national parks throughout the United States
- 2003-Present Science Advisor, Science Advisory Board, Malpai Borderlands Group, a rancher-led consortium of landowners, NGOs, government agencies and academicians dedicated to conserving natural open space in the borderlands region of Arizona and New Mexico
- 2004 Coordinator, Spring Seminar Series, School of Renewable Natural Resources, University of Arizona
- 2003-Present Session Chair at several conferences and symposia at regional and national meetings
- 2003 Faculty Representative, Newsletter Committee, School of Natural Resources, University of Arizona
- 2004-2006 Steering Committee Member, Center for the Study of Impacts of Urban Development on Arizona's Deserts, School of Natural Resources, University of Arizona
- 2006-Present External Reviewer Promotion and Tenure for colleagues from several universities
- 2007-2008 Member, Board of Directors, Reptile Research, NGO dedicated to reptile research and education
- 2012-Present Scientific Advisor, Sakaerat Snake Conservation Team, a group of students in Thailand dedicated to snake conservation
- 2015-Present Associate Editor, Journal of Wildlife Management, The Wildlife Society
- 2015-Present Chief Scientific Advisor (Board Member), King Cobra Conservancy, a 501(c)3 organization dedicated to the conservation of king cobras and their habitat

PROFESSIONAL SOCIETIES

American Society of Ichthyologists and Herpetologists
Herpetologists League
Society for the Study of Amphibians and Reptiles
Society of Conservation Biologists
Ecological Society of America
Southwestern Association of Naturalists
The Wildlife Society

INTERESTS

My research interests include ecology, behavior, evolution, natural history, conservation, population genetics and management of primarily reptiles, with an emphasis on field research. I attempt to combine science and education to develop effective means of conserving herpetofauna and the habitats on which they depend.