

**CURRICULUM VITAE
ANDREW THOMAS SMITH**

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EDUCATION

<u>Institution</u>	<u>Degree</u>	<u>Year Granted</u>
University of California, Berkeley	A.B. Zoology	1968
University of California, Los Angeles	Ph.D. Biology	1973

AREAS OF SPECIALIZATION

Conservation Biology, Population Biology, Behavioral Ecology, Mammalogy

ACADEMIC APPOINTMENTS

<u>Employer</u>	<u>Title or Rank</u>	<u>Year</u>
University of California, Los Angeles Department of Zoology	Teaching Associate	1968-1972
University of Alberta, Edmonton Department of Zoology	Sessional Lecturer	1973-1974
University of Miami, Coral Gables Department of Biology	Assistant Professor	1974-1978
University of Miami, Coral Gables Department of Biology	Adjunct Assistant Professor	1978-1980
Arizona State University, Tempe Department of Zoology	Assistant Professor	1978-1983
Arizona State University, Tempe Department of Zoology	Associate Professor	1983-1991
Arizona State University, Tempe School of Life Sciences	Professor	1991-present
IUCN-The World Conservation Union, Species Survival Program, Gland, Switzerland	Sabbatical Leave	1994
IUCN-The World Conservation Union - US	Senior Research Fellow	1999 - present
University of Sydney Institute of Wildlife Research	Sabbatical Leave	2001
Arizona State University, Tempe School of Life Sciences	Associate Director, Undergraduate Program	2006-2009

PROFESSIONAL ORGANIZATIONS

American Society of Mammalogists
Animal Behavior Society
Ecological Society of America
Society for Conservation Biology

PUBLICATIONS

- Smith, A. T. 1974. The distribution and dispersal of pikas: consequences of insular population structure. *Ecology* 55:1112-1119.
- Smith, A. T. 1974. The distribution and dispersal of pikas: influences of behavior and climate. *Ecology* 55:1368-1376.
- Smith, A. T. 1978. Energy and the natural environment. Pp. 43-47. *In: Energy Use Management*. R. A. Fazzolare and C. B. Smith, editors. Pergamon Press, New York.
- Smith, A. T. 1978. Comparative demography of pikas (*Ochotona*): effect of spatial and temporal age-specific mortality. *Ecology* 59:133-139.
- Smith, A. T. 1979. Equilibrial population structure of pikas. *Murrelet* 60:29-31.
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- Smith, A. T. 1980. Temporal changes in insular populations of the pika (*Ochotona princeps*). *Ecology* 60:8-13.
- Smith, A. T. 1980. An environmental study of Everglades mink (*Mustela vison*). South Florida Research Center Report T-555. 17 pp.
- Smith, A. T. 1981. Territoriality and social behavior of *Ochotona princeps*. Pp. 310-323. *In: Proceedings of the World Lagomorph Conference*. K. Myers and C. D. MacInnes, editors. Guelph University Press: Guelph.
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- Smith, A. T. and D. M. Cary. 1982. Distribution of Everglades mink. *Florida Scientist* 45:106-112.
- Smith, A. T. 1982. Population and reproductive trends of *Peromyscus gossypinus* in the Everglades of south Florida. *Mammalia* 46:467-475.
- Smith, A. T. 1982. Pikas (genus *Ochotona*). Pp. 131-133. *In: Handbook of census methods for terrestrial vertebrates*. D. E. Davis, editor. CRC Press.
- Smith, A. T. 1982. Everglades rodents. Pp. 322-324. *In: Handbook of census methods for terrestrial vertebrates*. D. E. Davis, editor. CRC Press.
- Smith, A. T. 1982. Invited review of "Mammals of the Southwest." *Journal of the Arizona-Nevada Academy of Science* 17:18.
- Broadbooks, H. E., R. M. Mitchell, O. L. Rossolimo, A. T. Smith, M. L. Weston, S. Wang. 1982.

- Ochotonidae. Pp. 595-597. *In: Mammal Species of the World*. J. H. Honacki, K. E. Kinman and J. W. Koepl, editors. Association of Systematics Collections and Allen Press: Lawrence, Kansas.
- Smith, A. T. and B. L. Ivins. 1983. Colonization in a pika population: dispersal versus philopatry. *Behavioral Ecology and Sociobiology* 13:37-47.
- Smith, A. T. and B. L. Ivins. 1983. Reproductive tactics of pikas: why have two litters? *Canadian Journal of Zoology* 61:1551-1559.
- Ivins, B. L. and A. T. Smith. 1983. Responses of pikas (*Ochotona princeps*, Lagomorpha) to naturally occurring terrestrial predators. *Behavioral Ecology and Sociobiology* 13:277-285.
- Smith, A. T. 1984. Dispersal and sociobiology of kit foxes in Arizona. *Transactions of the American Philosophical Society* 1983:164. (abstract)
- Smith, A. T. 1984. Family bonds and friendly neighbors. The social organization of the North American pika. Pp. 728-729. *In: Encyclopedia of Mammals*. D. W. Macdonald, editor. Facts on File: New York.
- Smith, A. T. and B. L. Ivins. 1984. Spatial relationships and social organization in adult pikas: a facultatively monogamous mammal. *Zeitschrift für Tierpsychologie* 66:289-308.
- Smith, A. T. 1985. Ground squirrels. Invited review of "The biology of ground-dwelling squirrels. Annual cycles, behavioral ecology and sociality." *Science* 227:406.
- Smith, A. T. and B. L. Ivins. 1986. Territorial intrusions by pikas (*Ochotona princeps*) as a function of occupant activity. *Animal Behaviour* 34:392-397.
- Huntly, N. J., A. T. Smith and B. L. Ivins. 1986. Foraging behavior of the pika (*Ochotona princeps*), with comparisons of grazing versus haying (caching). *Journal of Mammalogy* 67:139-148.
- Smith, A. T., H. J. Smith, Wang Xue Gao, Yin Xiangchu and Liang Junxiun. 1986. Social behavior of the steppe-dwelling black-lipped pika. *National Geographic Research* 2:57-74.
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- Smith, A. T. 1987. Population structure of pikas: dispersal versus philopatry. Pp. 128-142. *In: Mammalian dispersal patterns: the effects of social structure on population genetics*. B. D. Chepko-Sade and Z. T. Halpin, editors. University of Chicago Press: Chicago.
- Chepko-Sade, B. D., W. M. Shields, M. E. Nelson, L. D. Mech, J. Berger, L. L. Rogers, Z. T. Halpin, W. T. Jones and A. T. Smith. 1987. The effects of dispersal and social structure on effective population size. Pp. 287-321. *In: Mammalian dispersal patterns: the effects of social structure on population genetics*. B. D. Chepko-Sade and Z. T. Halpin, editors. University of Chicago Press: Chicago.
- Smith, A. T. and B. L. Ivins. 1987. Temporal separation between philopatric juvenile pikas and their parents limits behavioural conflict. *Animal Behaviour* 35:1210-1214.
- Smith, A. T. 1988. Witness to China's wonders. Invited review of "Living treasures: an odyssey through China's extraordinary nature reserves." *Natural History* 97(2):80-83.
- Smith, A. T. 1988. Wild horses: social competition and population size. Invited review of "Wild horses of the Great Basin: social competition and population size." *Evolution* 42:640-641.

- Smith, A. T. 1988. Patterns of pika (Genus *Ochotona*) life history variation. Pp. 233-256. *In: Evolution of life histories: theory and patterns from mammals*. M.S. Boyce, editor. Yale University Press.
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- Smith, A. T. 1989. Conservation biology in Russia. Invited review of "Models of nature: ecology, conservation, and cultural revolution in Soviet Russia." *Conservation Biology* 3:208-209.
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- Smith, A. T. and D. Bell. 2001. Rabbits and hares. Pp. 696-705. *In: The new encyclopedia of mammals*. D. W. Macdonald, editor. Oxford University Press: Oxford.
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- Smith, A. T., J. MacKinnon and Y. Xie. 2001. Grassland habitats. Pp. 21 - 28. *In: Biodiversity principles for developers and planners*. J. MacKinnon and Y. Xie, editors. China Council for International Cooperation on Environment and Development: Beijing. [in Chinese]
- Smith, A. T. and J. M. Foggin. 2001. The plateau pika is a keystone species for biodiversity on the Tibetan plateau. Pp. 211 - 221. *In: Conserving China's biodiversity (II)*. P. J. Schei, S. Wang and Y. Xie, editors. China Environmental Science Press: Beijing.
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- Foggin, J. M. and A. T. Smith. 2001. Rangeland utilization and biodiversity on the alpine grasslands of Qinghai Province, People's Republic of China. Pp. 247 - 258. *In: Conserving China's biodiversity (II)*. P. J. Schei, S. Wang and Y. Xie, editors. China Environmental Science Press: Beijing.
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PUBLISHED REPORTS, LETTERS, AND POPULAR ARTICLES

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- Smith, A. T. 1998. Principal conclusions and recommendations of the Hainan biodiversity workshop. *Suvannabhumi* 10(1):4-6.
- Smith, A. T. 1999. American Pika / *Ochotona princeps*. Pp. 678-680. *In: The Smithsonian book of North American mammals*. D. E. Wilson and S. Ruff, editors. Smithsonian Institution Press.
- Smith, A. T. 1999. Lagomorph specialist group. *Species* 31/32:92-93.
- Smith, A. T. 1999. The world of pikas. Pp. 127-144. *In: We want to hear pikas call: the story of the struggle of a small NGO*. T. Ichikawa, editor. Nakiusagi Fan Club, Japan.
- Boitani, L. and A. T. Smith. 2000. Species information service: brief update of activities. *Species* 33:14-16.
- Smith, A. T., L. Boitani, C. Bibby, D. Brackett, F. Corsi, G. A. B. da Fonseca, C. Gascon, M. Gimenez Dixon, C. Hilton-Taylor, G. Mace, R. A. Mittermeier, J. Rabinovich, B. J. Richardson, A. Rylands, B. Stein, S. Stuart, J. Thomsen, and C. Wilson. 2000. Databases tailored for biodiversity conservation. *Science* 290:2073.
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- Smith, A. T. 2000/2001. Species information service. *World Conservation* 3/2000-1/2001:23
- Smith, A. T. 2001. Rabbits, hares, and pikas. Pp. 141 - 143. *In: Animal: the definitive visual guide to the world's wildlife*. D. Burnie and D. E. Wilson, editors. Dorling Kindersley: London.
- Smith, A. T. 2003. Lagomorpha. Pp. 479 - 489. *In: Mammals, V. Volume 16 of Grzimek's Animal Life Encyclopedia*. D. G. Kleiman, V. Geist, M. Hutchins and M. C. McDade, editors. Gale Publishers: Farmington Hills, Michigan.
- Smith, A. T. 2003. Pikas. Pp. 491 - 503. *In: Mammals, V. Volume 16 of Grzimek's Animal Life Encyclopedia*. D. G. Kleiman, V. Geist, M. Hutchins and M. C. McDade, editors. Gale Publishers: Farmington Hills, Michigan.
- Smith, A. T. and R. Harris. 2004. The plateau pika: an irreplaceable member of the Tibetan plateau ecological community [in Chinese]. *Chinese National Geography* 2004.4:138-144.
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<http://search.eb.com/eb/article?tocid=234249>; <http://search.eb.com/eb/article?tocid=234247>.
- Smith, A. T. 2004. Hare. Encyclopaedia Britannica online.
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- Smith, A. T. 2004. Lagomorph. Encyclopaedia Britannica online.
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- Smith, A. T. 2005. Rabbits and hares. Pp: R24-R26. *In*: The New Book of Knowledge. M. Ziem, editor. Scholastic Library Publishing, Danbury: Connecticut.
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- Smith, A. T. 2006. Taking stock of threatened pikas in China [in German]. ZGAP Mitteilungen 22:3-4.
- Smith, A. T. 2007. Ecosystems and a Keystone species - the Plateau Pika. Pp. 319-323. *In*: Encyclopedia of Human-Animal Relationships. M. Bekoff, editor. Greenwood Publishing Group: Westport, Connecticut.

EDITED MANUSCRIPTS

Smith, A. T., R. S. Hoffmann, W. Z. Lidicker, Jr, and D. A. Schlitter. 1988. Abstracts: Symposium of Asian Pacific Mammalogy. Unpaginated.

Russian language production of: "IUCN Red List Criteria" booklet. 1998.

PAPERS PRESENTED, CONFERENCES, AND WORKSHOPS (* = published abstracts; underline = presenter if not ATS)

*The effect of temperature on the altitudinal distribution of pikas. American Society of Mammalogists. Vancouver, British Columbia. 1971.

*The distribution and dispersal of pikas: consequences of insular population structure. American Society of Mammalogists. Pacific Grove, California. 1973.

Coordinator: Symposium on "Game Ranching." Northwest Section, The Wildlife Society. Edmonton, Alberta. 1974.

*Population dynamics of *Peromyscus gossypinus* and *Sigmodon hispidus* in a temporally fluctuating insular environment. American Society of Mammalogists. Missoula, Montana. 1975.

*Population structure of Everglades rodents: responses to a patchy environment. American Society of Mammalogists. East Lansing, Michigan. 1977.

Population structure of small mammals. Society of Life Sciences. Miami, Florida. 1977.

Topic coordinator for "The Natural Environment." (with G. J. Kenagy). First International Conference on

- Energy Use Management. Tucson, Arizona. 1977.
- Invited participant. Adaptive Strategies Workshop. U. S. Fish and Wildlife Service. Beulah, Wyoming. 1978.
- *Temporal changes in population structure of pikas. Guild of Rocky Mountain Population Biologists. Boulder, Colorado. 1978.
- *Temporal changes in population structure of pikas. Arizona-New Mexico Subsection, The Wildlife Society. Silver City, New Mexico. 1979.
- *High local species richness of mammals. Arizona-Nevada Academy of Science. Tempe, Arizona. 1979.
- *Temporal changes in population structure of pikas. American Society of Mammalogists. Corvallis, Oregon. 1979.
- *Territoriality and social behavior of *Ochotona princeps*. Invited symposium paper. World Lagomorph Conference. Guelph, Ontario. 1979.
- *Population dynamics of pikas (Genus *Ochotona*). Invited symposium paper. World Lagomorph Conference. Guelph, Ontario. 1979.
- Workshop on endangered Lagomorphs--International Union for the Conservation of Nature. World Lagomorph Conference. Guelph, Ontario. 1979.
- Session coordinator for "Animal Energetics." (with G. J. Kenagy). Second International Conference on Energy Use Management. Los Angeles, California. 1979.
- Chairman, session on contributed papers. Guild of Rocky Mountain Population Biologists. Coronado Ranch, Arizona. 1979.
- Program Committee and Chairman, Session on small game -- non-game management. Arizona-New Mexico Subsection, The Wildlife Society. Thatcher, Arizona. 1980.
- *Social behavior of the pika (*Ochotona princeps*). Animal Behavior Society. Fort Collins, Colorado. 1980.
- *Behavioral antecedents of population structure in pikas (*Ochotona princeps*). Chairman, session on social behavior. Animal Behavior Society. Knoxville, Tennessee. 1981.
- *Behavioral antecedents of population structure in pikas (*Ochotona princeps*); (with Barabara Ivins). Member, Steering Committee. Chairman, session on contributed papers. Guild of Rocky Mountain Population Biologists. Gothic, Colorado. 1981.
- *Behavioral antecedents of population structure in pikas. Arizona-Nevada Academy of Science. Tempe, Arizona. 1982.
- *Extinction dynamics of small populations: application of island biogeography; (with Robert Fritz). Invited workshop leader. International symposium and workshop on the Application of Genetics to the Management of Wild Plant and Animal Populations. U.S. Man and the Biosphere Program. Washington, D. C. 1982.
- Theoretical aspects of the application of home range data in wildlife research. Invited symposium paper -- Workshop on home range and wildlife management. Arizona Cooperative Wildlife Research Unit and the Arizona Chapter of the Wildlife Society. Tucson, Arizona. 1983.

- *Spatial relationships and social organization in pikas: a facultatively monogamous mammal. Invited keynote address. Guild of Rocky Mountain Population Biologists. Gothic, Colorado. 1983.
- Spatial relationships and social organization in pikas: a facultatively monogamous mammal. Invited (banquet) keynote address. Annual meeting, Colorado-Wyoming Academy of Science. Gunnison, Colorado. 1984.
- Population structure of pikas: dispersal versus philopatry. Invited symposium paper -- Patterns of dispersal among mammals and their effects on the genetic structure of populations. American Society of Zoologists. Denver, Colorado. 1984.
- *Patterns of life history variation in pikas (genus *Ochotona*). Invited symposium paper -- Population biology and life history evolution of mammals. IV International Theriological Congress. Edmonton, Alberta. 1985. Followed by post-congress "Think-tank" on mammalian life history tactics at University of Calgary Kananaskis Environmental Research Centre.
- Status of selected species in the genus *Ochotona*. Invited report -- Meeting of IUCN/SSC Lagomorph Specialist Group. IV International Theriological Congress. Edmonton, Alberta. 1985.
- Co-convenor, Workshop on "Biology of pikas (genus *Ochotona*)" (with N. A. Formozov). IV International Theriological Congress. Edmonton, Alberta. 1985.
- *Behavioral ecology of the black-lipped pika (*Ochotona curzoniae*) of the Qinghai-Xizang Plateau; (with Harriet J. Smith). Invited poster -- Workshop on "Biology of pikas (genus *Ochotona*)." IV International Theriological Congress. Edmonton, Alberta. 1985.
- *Social organization of the black-lipped pika (*Ochotona curzoniae*). Animal Behavior Society. Tucson, Arizona. 1986.
- *Social organization of the black-lipped pika (*Ochotona curzoniae*); (with Wang Xue Gao). Invited symposium paper -- Tibet: Science on a high plateau. National Academy of Sciences. Washington, D. C. 1987.
- *Social organization of the black-lipped pika (*Ochotona curzoniae*). American Society of Mammalogists. Albuquerque, New Mexico. 1987.
- *Social organization of the black-lipped pika (*Ochotona curzoniae*); (with Wang Xue Gao). Symposium of Asian Pacific Mammalogy. Beijing, People's Republic of China. 1988.
- *A study of the mating system in pikas; (with Wang Xue Gao). Symposium of Asian Pacific Mammalogy. Beijing, People's Republic of China. 1988.
- *Variable mating systems in the black-lipped pika; (with F. Stephen Dobson and Wang Xue Gao). Animal Behavior Society. Highland Heights, Kentucky. 1989.
- *The natural history of inbreeding and outbreeding in small mammals. Invited symposium paper -- The natural history of inbreeding and outbreeding. Animal Behavior Society. Highland Heights, Kentucky. 1989.
- *Life history, status and distribution of the pikas (Ochotonidae: *Ochotona*); (with N. A. Formozov, Zheng Changlin and R. S. Hoffmann). Invited symposium paper -- Biology, conservation and management of Lagomorphs. V International Theriological Congress. Rome, Italy. 1989.
- Status of selected species in the genus *Ochotona*. Invited report -- Meeting of IUCN/SSC Lagomorph Specialist Group. V International Theriological Congress. Rome, Italy. 1989.

Co-convenor, Workshop on "Systematics and phylogeny of the Ochotonidae" (with M. A. Erbajeva). V International Theriological Congress. Rome, Italy. 1989.

*Adaptive themes in pikas (Ochotonidae: *Ochotona*). Invited poster -- Workshop on "Systematics and phylogeny of the Ochotonidae." V International Theriological Congress. Rome, Italy. 1989.

*Deterministic processes in mammalian colonization. Invited symposium paper --Processes of colonization in small mammals. V International Theriological Congress. Rome, Italy. 1989.

Modeling the effect of conspecific attraction on metapopulation dynamics. (with M. E. Gilpin and C. L. Ray). Invited symposium paper -- Symposium on "Metapopulation dynamics." Helsinki, Finland. 1989.

Invited participant. Workshop on "The biology of Mount Graham." Smithsonian Institution and University of Arizona. Tucson, Arizona. 1989.

*Deterministic processes in mammalian colonization. (with M. M. Peacock). Arizona-Nevada Academy of Sciences. Tempe, Arizona. 1990.

*Deterministic processes in mammalian colonization. (with M. M. Peacock). Society for Conservation Biology. Gainesville, Florida. 1990.

*Metapopulation studies of pikas. Guild of Rocky Mountain Population Biologists. Boulder, Colorado. 1991.

*Metapopulation studies of pikas. Chiricahua Mountains Research Symposium. Chiricahua Mountains, Arizona. 1992.

*Inbreeding in pikas (*Ochotona princeps*): philopatry and mating patterns, a correlation? (with M. M. Peacock). American Society of Mammalogists. Salt Lake City, Utah. 1992.

*A technique for evaluating spatial data using weighted overlap values. (with F. S. Dobson). American Society of Mammalogists. Salt Lake City, Utah. 1992.

*Extreme philopatry in the black-lipped pika (*Ochotona curzoniae*). (with F. S. Dobson). American Society of Mammalogists. Salt Lake City, Utah. 1992.

*Inbreeding in pikas (*Ochotona princeps*): philopatry and mating patterns, a correlation? (with M. M. Peacock). Joint meeting of American Society of Naturalists, Society for Systematic Biology, and Society for the Study of Evolution. Berkeley, California. 1992.

*Correlated extinctions in a metapopulation: a cautionary tale for conservation biology. (with M. E. Gilpin). Society for Conservation Biology. Tempe, Arizona. 1993.

*Correlated extinctions in a metapopulation: a cautionary tale for conservation biology. Invited symposium paper -- Conservation biology. (with M. E. Gilpin). VI International Theriological Congress. Sydney, Australia. 1993.

*Extreme philopatry in the black-lipped pika (*Ochotona curzoniae*). (with F. S. Dobson). VI International Theriological Congress. Sydney, Australia. 1993.

Workshop on "Biology of Lagomorphs -- IUCN/SSC Lagomorph Specialist Group meeting." Workshop organizer and convener. VI International Theriological Congress. Sydney, Australia. 1993.

Activities of the Lagomorph Specialist Group. 67th Species Survival Commission Meeting. Buenos Aires, Argentina. 1994.

*Inbreeding in pikas (*Ochotona princeps*) II: Mating patterns - random mating, inbreeding avoidance or optimal breeding? (with M. M. Peacock). American Society of Mammalogists. Washington, D. C. 1994.

*Role of IUCN's Species Survival Commission in Central Asia. IUCN Biological Diversity Workshop for Central Asian Republics. Almaty, Kazakhstan. 1994.

Workshop on "Wildlife Management." Biological Diversity Workshop for Central Asian Republics. Almaty, Kazakhstan. 1994.

Workshop on "Biodiversity Conservation Information System." IUCN/SSC/World Conservation Monitoring Centre. Cambridge, United Kingdom. 1995.

*The effect of habitat spatial structure on dispersal and mating in a pika (*Ochotona princeps*) metapopulation. (with M. M. Peacock). Society of Conservation Biology. Fort Collins, Colorado. 1995.

Alpine and Grassland Issues. Biodiversity Working Group Meeting of the China Council for International Cooperation in Environment and Development. Nanning, People's Republic of China. 1995.

Chair and Organizer: Workshop on SSC involvement in the BCIS (Biodiversity Conservation Information System): 1) Products and analyses survey; 2) SSC capacity issues; 3) Partner needs and capability assessment. IUCN/SSC/World Conservation Monitoring Centre. Cambridge, United Kingdom. 1995.

Coordinator: International Workshop on Threatened Mexican Lagomorphs. Mexico City, Mexico. 1996.

What is the IUCN/SSC Lagomorph Specialist Group? International Workshop on Threatened Mexican Lagomorphs. Mexico City, Mexico. 1996.

Chair and Organizer: Workshop on functional specifications for SSC's proposed database under BCIS (Biodiversity Conservation Information System). Arizona State University. 1996.

*SSC's contribution to the Biodiversity Conservation Information System. IUCN/SSC China Members Meeting. Beijing. 1996.

Participant: CCICED Biodiversity Working Group Meeting. Beijing. 1996.

Activities of the Lagomorph Specialist Group. 68th Species Survival Commission Meeting. Montreal, Canada. 1996.

Biodiversity Conservation Information System (BCIS) presentation. Invited plenary address (day 1) and Invited panel discussant (day 2). 68th Species Survival Commission Meeting. Montreal, Canada. 1996.

Red List Training Session. Invited rapporteur. 68th Species Survival Commission Meeting. Montreal, Canada. 1996.

Red List Workshop. Coordinator. Ministry of Ecology and Environmental Resources. Almaty, Kazakhstan. 1997.

Participant: CCICED Biodiversity Working Group Meeting. Huairou, P.R.C. 1997.

- *Biodiversity on the roof of the world: strategies for sustainability. Invited symposium address, in: "Accelerated changes in Asian ecosystems." 82nd Ecological Society of America meeting. 1997.
- *Variable matings systems and their dynamics within a population of the plateau pika (*Ochotona curzoniae*). (with F. Stephen Dobson). VII International Theriological Congress. Acapulco, Mexico. 1997.
- SSC's Data Management System under BCIS. Invited paper. VII International Theriological Congress. Acapulco, Mexico. 1997.
- Workshop on "Biology of Lagomorphs -- IUCN/SSC Lagomorph Specialist Group meeting." Workshop organizer and convener. VII International Theriological Congress. Acapulco, Mexico. 1997.
- Workshop on "Logical Framework Analysis for SSC's Species Information System." Gland, Switzerland. 1998.
- *Participant: Workshop on Biodiversity Conservation in Hainan, PRC. CCICED/Biodiversity Working Group. Haikou, Hainan, PRC. 1998.
- *The plateau pika (*Ochotona curzoniae*) is a keystone species for biodiversity on the Tibetan plateau. International Symposium on the Qinghai-Tibet Plateau. Xining, Qinghai, PRC. 1998.
- Chairman, session on Ecosystem dynamics and response to global changes, land use, and land cover changes. International Symposium on the Qinghai-Tibet Plateau. Xining, Qinghai, PRC. 1998.
- *The plateau pika (*Ochotona curzoniae*) is a keystone species for biodiversity on the Tibetan plateau. (with J. Marc Foggin). Tibet's biodiversity: conservation and management. An international workshop sponsored by the World Wide Fund for Nature, China. Lhasa, Tibet, PRC. 1998.
- *Rangeland utilization and biodiversity on the alpine grasslands of Qinghai province, People's Republic of China. (with J. Marc Foggin). Tibet's biodiversity: conservation and management. An international workshop sponsored by the World Wide Fund for Nature, China. Lhasa, Tibet, PRC. 1998.
- *Loss of gene diversity in Plateau Pikas. (with F. Stephen Dobson). Euro-American Mammal Congress. Santiago de Compostela, Spain. 1998.
- *Nest spacing and diet selection in a unique multi-species community of eagles in central Asia. (With T. E. Katzner, E. A. Bragin and S. T. Knick). 1998 Annual Meeting Raptor Research Foundation. Ogden, Utah. 1998.
- *The world of pikas. Honorary lecture to the Pika Fan Club of Japan. Sapporo, Japan. 1998.
- Participant: IUCN/SSC Data Management Working Group workshop. Rome, Italy. 1998.
- *Participant: Workshop on Biodiversity Conservation in Guangdong Province, PRC. CCICED/Biodiversity Working Group. Guangzhou, PRC. 1999.
- *Alternative approaches to analysis of diets of raptors. (With T. E. Katzner, S. T. Knick, E. A. Bragin and D. W. Katzner). 3rd Eurasian Conference of Raptor Research Foundation. Mikulov, Czech Republic. 1999.
- *Understanding relationships among raptors: alternative numerical and graphical approaches to diet analysis. (With T. E. Katzner, S. T. Knick, E. A. Bragin, D. W. Katzner). Annual Meeting, Raptor Research Foundation, La Paz, Mexico. 1999.

Biodiversity and development on the Tibetan Plateau. A. T. Steele - Center for Asian Studies. Tempe. 1999.

Co-convener: SSC Species Information Service Workshop. Rome. 1999.

A journey along the Silk Route: adventures in western China. ASU Summer Sessions and Center for Asian Studies. Tempe. 2000.

*Community-based initiatives in support of biodiversity conservation: using the Zacatuche rabbit of Mexico as a flagship species. (With Laura Calandrella). Annual Meeting, American Association for the Advancement of Science. Washington, D.C. 2000.

Co-convener: SSC Species Information Service Workshop. Rome. 2000.

Co-chair: IUCN-SSC Red List Bio-indicators Workshop. Setauket, NY. 2000.

*Participant: Workshop on Biodiversity Conservation in Dujiangyan, Chengdu, Sichuan Province, PRC. CCICED/Biodiversity Working Group. Dujiangyan, PRC. 2000.

Participant: First All-China IUCN/SSC Workshop on Red List Criteria at the Global, Regional and National Level. Dujiangyan, PRC. 2000.

*Mobilizing and managing species knowledge. Invited speaker in Interactive Session VII: Mobilizing knowledge for biodiversity. IUCN-World Conservation Congress II. Amman, Jordan. 2000.

Species Information Service. Invited speaker at meeting of Species Survival Commission. IUCN-World Conservation Congress II. Amman, Jordan. 2000.

Activities of the Lagomorph Specialist Group. Invited speaker at meeting of Species Survival Commission. IUCN-World Conservation Congress II. Amman, Jordan. 2000.

*Transforming without destroying: community development and ecological preservation in the Amazon River basin. (With Laura Calandrella). Annual Meeting, American Association for the Advancement of Science. San Francisco. 2001.

*Species coexistence mediated by intraspecific interactions: evidence from a unique community of eagles in central Asia. (With Todd Katzner, S. Knick, E. Bragin). Annual Meeting, Cooper Ornithological Society. Albuquerque, NM. 2001.

*Coordinator: Workshop on Biodiversity Conservation in Qinghai Province, PRC. Chair, session on "Ecosystem Diversity Conservation." CCICED/Biodiversity Working Group. Xining, Qinghai, PRC. 2001.

*The role of intraspecific interactions in the coexistence of four species of eagles at a nature reserve in Kazakhstan. (With Todd Katzner, S. Knick, E. Bragin). 4th Eurasian Conference on Raptors. Seville, Spain. 2001.

Participant: 4th SSC Red List Programme Committee meeting. Gland, Switzerland. 2001.

Invited Participant: Global Animal Data Group workshop. San Jose, Costa Rica. 2002.

*Assessment of Kenyan medicinal plant resources in Kuku Group Ranch, Kenya. (With Laura Calandrella and J. Kiringe). Annual Meeting, American Association for the Advancement of Science. Boston. 2002.

Invited Participant: Second Tibetan Teacher's Environmental Education Workshop. Zhiduo, Qinghai,

People's Republic of China. 2002.

Participant: SSC SIS (Species Information Service) Workshop. Conservation International, Washington, D.C. 2002.

*The role of intraspecific interactions in the coexistence of four species of eagles at a nature reserve in Kazakhstan. (With Todd Katzner, S. Knick, E. Bragin). International Ornithological Congress. Beijing. 2002.

*Dietary response and demography in a population of Imperial Eagles in a spatially heterogeneous environment in Kazakhstan. (With Todd Katzner, E. Bragin, S. Knick). 3rd North American Ornithological Congress. New Orleans. 2002.

Adventures in Western China: Across the Roof of the World and along the Silk Route. ASU Summer Sessions and Center for Asian Studies. Tempe. 2003.

SSC Species Information Service and Red List Authority Files Workshop. Conservation International, Washington, D. C. 2003.

Biodiversity Indicators Workshop. NatureServe. Washington, D. C. 2003

Seventh Red List Committee Meeting. NatureServe. Washington, D. C. 2003.

*Dietary Response and Demography of Imperial Eagles (*Aquila heliaca*) in a Spatially Heterogeneous Environment in Kazakhstan. (With Todd Katzner, E. Bragin, S. Knick). 6th World Conference on Birds of Prey and Owls. Budapest, Hungary. 2003.

Conservation of Biological Diversity. Invited Lecture; Summer Lecture Series. Desert Botanical Garden. 2003.

Advances in Biodiversity Conservation: Lessons on the Ground in Tibet. Invited Lecture. Phoenix Zoo. 2003.

Global Mammal Assessment. Invited Lecture; National Workshop on the Conservation of Mexican Lagomorphs. Morelia, Mexico. 2004.

*The World of Pikas. Invited Plenary Address. Second World Lagomorph Conference. Vairão, Portugal. 2004.

Scientific Committee and Chair, Session on "Population management and conservation." Second World Lagomorph Conference. Vairão, Portugal. 2004.

Convener Workshop VII "2004 Meeting of the IUCN/SSC Lagomorph Specialist Group." Second World Lagomorph Conference. Vairão, Portugal. 2004.

*Legacies on the landscape: integrating ecology and archaeology to understand long-term human-ecosystem interactions. Poster. (With J. M. Briggs, M. Hegmon, J. Kaye, K. W. Kintigh, and K. A. Spielman). Annual Meeting of the Ecological Society of America. Portland. 2004.

*Steppe pikas: Keystone species and management concerns. Invited lecture. International Workshop on Brandt's vole management. Ulaanbaatar, Mongolia. 2004.

The Species Information Service: Why SSC (and IUCN) needs it and progress so far. Invited speaker at meeting of Species Survival Commission. IUCN-World Conservation Congress III. Bangkok, Thailand. 2004.

Activities of the Lagomorph Specialist Group. Invited speaker at meeting of Species Survival Commission. IUCN-World Conservation Congress III. Bangkok, Thailand. 2004.

*Responses of the bearded saki monkey (*Chiropotes sagulatus*) to forest fragmentation in the Brazilian Amazon. (With Sarah Boyle and Wilson Spironello). Association for Tropical Biology Annual Meeting. Uberlandia, Brazil. 2005

History of SIS. Invited speaker at SIS Technical Review Workshop. NatureServe and the IUCN Species Survival Commission. Arlington, Virginia. 2005.

*The Plateau Pika (*Ochotona curzoniae*) is a keystone species and an ecosystem engineer. Poster. 9th International Mammalogical Congress. Sapporo, Japan. 2005.

*The American Pika (*Ochotona princeps*) at Bodie: A classic metapopulation. Poster. 9th International Mammalogical Congress. Sapporo, Japan. 2005.

2005 Meeting of the IUCN/SSC Lagomorph Specialist Group. Workshop organizer and convener. 9th International Mammalogical Congress. Sapporo, Japan. 2005.

IUCN Species Survival Commission. Workshop organizer and convener (with Patricia Mohlman). 9th International Mammalogical Congress. Sapporo, Japan. 2005.

The fascinating world of the Plateau Pika, and conservation issues facing the pikas in China. Invited public address. Host: Pika Fan Club. Sapporo, Japan. 2005.

International approaches to lagomorph conservation. Invited workshop paper. Workshop: Where have all the Rabbits gone? Wildlife Conservation Society. Grand Teton National Park. 2005.

Practical lessons and examples of the science-policy interface in China. Invited lecture. Workshop on sustainability science for the US and China. Arizona State University. 2005.

*Native small mammals in Central Asian grasslands: Friend or Foe? (with P. Zahler and L. A. Hinds). Biodiversity Conservation in Asia: Current Status and Future Perspectives. Kathmandu, Nepal. 2005.

*The IUCN/Species Survival Commission Species Information Service (SIS). Biodiversity Conservation in Asia: Current Status and Future Perspectives. Kathmandu, Nepal. 2005.

Biodiversity Assessments Sub-committee and Biodiversity Assessments Users Working Group meetings (IUCN/SSC). University of Virginia. 2006.

*The effects of forest fragmentation on the bearded saki monkey (*Chiropotes sagulatus*) in the Brazilian Amazon. (With Sarah Boyle and Wilson Spironello). American Society of Primatologists Annual Meeting. San Antonio. 2006.

Biodiversity Assessments Sub-committee and Biodiversity Assessments Users Working Group meetings (IUCN/SSC). Zoological Society of London. 2006.

Biodiversity Assessments Sub-committee and Biodiversity Assessments Users Working Group meetings (IUCN/SSC). Nature Serve, Arlington, VA. 2007.

All Chairs Meeting: IUCN Species Survival Commission. Al Ain, UAE. 2008.

*Modeling effects of pika and livestock herbivory on pastureland of the Tibetan Plateau (With Brigitte W. Hogan and J. Marty Anderies). Meeting of the Ecological Society of America. Milwaukee, WI. 2008.

Environmental Education in Northern Mongolia: A Two-Way Street. (With Aimee E. Kessler, David J. Gilroy, Luvsandash Chuluunchimeg and Dorjkhoo Enkhtuyaa). Meeting of the Ecological Society of America. Milwaukee, WI. 2008.

Biodiversity Assessments Sub-committee and Biodiversity Assessments Users Working Group meetings (IUCN/SSC). Gland, Switzerland. 2008.

*Forest Fragmentation in Central Amazônia and Its Consequences for the Brown Bearded Saki, *Chiropotes satanas chiropotes*. (With Sarah A. Boyle and Wilson Spironello). International Primatological Society Congress. Edinburgh, Scotland. 2008.

*Plateau pika (Lagomorpha: *Ochotona curzoniae*) disturbance alters plant species diversity and composition in pastureland on the Tibetan plateau. (With Brigitte W. Hogan and Yanming Zhang). Annual Meeting of the Society for Conservation Biology. Chattanooga. 2008.

*Flexible diets help bearded saki monkeys survive in forest fragments. With Sarah A. Boyle, W. Spironello and C. Zartman). Midwest Primate Interest Group Annual Meeting. University of Notre Dame, South Bend. 2008.

FELLOWSHIPS AND GRANTS

NSF Pre-doctoral Trainee (UCLA). 1969-1970.

NSF Travel Grant (UCLA). Summers 1969, 1970, 1971.

NSF Pre-doctoral Grant in the Field Sciences: The colonizing ability of pikas. \$1,100. 1972.

University of Alberta Boreal Institute Grant-in-aid: Competition and coexistence in boreal forest communities. \$1,000. 1974.

University of Miami NIH Biomedical Sciences Support Grant: Spatial characteristics of epizootic waves involving vertebrate hosts. \$2,020. 1975-1976.

Sigma Xi Grant-in-aid: Temporal changes in population structure of pikas. \$150. 1977.

U.S. Department of Interior, Everglades National Park, Research Contract: An environmental study of Everglades mink (*Mustela vison*). \$12,000. 1978-1979.

Arizona State University, Operations Funds: Translation of Russian literature. \$300. 1978-1979.

Arizona State University Faculty Grant-in-aid: Behavioral aspects of dispersal in pikas. \$3,600. 1979.

Arizona State University, Operations Funds: Behavioral diversity of kit fox displays. \$600. 1979-1980.

Arizona State University Faculty Grant-in-aid: Behavioral aspects of dispersal in pikas. \$3,700. 1980.

American Philosophical Society: Sociobiology of kit foxes. \$1,475. 1980.

College of Liberal Arts and Sciences Research Award: Behavioral aspects of population structure of pikas. \$3,410. 1981.

Arizona State University Faculty Grant-in-Aid: Determinants of philopatry in kit foxes. \$3,000. 1982.

National Geographic Society: Behavioral ecology of Asian pikas (genus *Ochotona*). \$6,230. 1983-1984.

NSF Research Grant: Collaborative research on systematics on holarctic mammals (Aspects of the behavioral ecology of *Ochotona macrotis* and *O. rutila* in the Pamir Mountains). \$2,328. 1984.

USFWS (US-USSR Environmental Agreement): Aspects of the behavioral ecology of *Ochotona macrotis* and *O. rutila* in the Pamir Mountains. All in-country expenses. 1984.

National Academy of Sciences (CSCPRC): Behavioral ecology of Asian pikas (genus *Ochotona*). \$13,012. 1985.

National Academy of Sciences (USSR and Eastern European Program): Behavioral ecology of Asian pikas (genus *Ochotona*). \$15,000. 1985. [declined to accept CSCPRC grant, listed above]

National Geographic Society: Behavioral ecology of the black-lipped pika (*Ochotona curzoniae*). \$6,650. 1985.

National Geographic Society: Behavioral ecology of the black-lipped pika (*Ochotona curzoniae*). \$1,500. 1986.

College of Liberal Arts and Sciences Research Award: An experimental test of the effect of inbreeding in pikas. \$4,000. 1986.

ASU Research Incentive Award: Inbreeding in natural and experimental populations of pikas. \$2,600.

1987.

ASU Research Incentive Award: Determinants of lifetime reproductive success in black-lipped pikas. \$2,000. 1990.

NSF Proposal Cost-share (Office of the Vice President for Research): Determinants of lifetime reproductive success in black-lipped pikas. \$3,000. 1990.

Center for Field Research (Earthwatch): Behavioral ecology of the black-lipped pika on the Qinghai/Xizang Plateau. Co-PI with F. Stephen Dobson (Auburn University). \$34,800 direct cost. 1990.

NSF Research Grant: Determinants of lifetime reproductive success in the small mammal, the black-lipped pika. \$22,739 for 1990-1991; \$39,561 for 1991-1992. Co-PI with F. Stephen Dobson (Auburn University; \$18,487 for 1990; \$20,098 for 1991). Total grant award = \$100,885. 1990-1992.

Center for Field Research (Earthwatch): Behavioral ecology of the black-lipped pika on the Qinghai/Xizang Plateau. Co-PI with F. Stephen Dobson (Auburn University) and Kathleen S. Matt (Arizona State University). Maximum grant = \$46,200 direct cost. 1991. [declined at request of Chinese National Academy of Sciences]

College of Liberal Arts and Sciences Mini Grant: Systematic revision of the pikas (genus *Ochotona*); Russian translations. \$500. 1990-1991.

ASU-Institutional Biomedical Research Support Program: Genetic analysis of inbreeding in a natural population. \$2,000. 1990-1991.

Arizona Game and Fish Department (Heritage Program): The endangered Arizona Water Shrew. \$7,211. 1993.

Apache-Sitgreaves National Forests: Mammal habitat relationships. \$1,100. 1993.

Apache-Sitgreaves National Forests: Mammal habitat relationships-2. \$6,000. 1994.

National Wildlife Federation/IUCN-SSC: Development of an IUCN Internship Program. \$25,000. 1994.

National Research Council (US), Russian and East European Studies Consortium and Department of Zoology, ASU: Development of quantitative criteria for listing of endangered species at the regional and country levels in the Central Asian Republics. \$3,200 + \$1,000. 1997.

Biological Resources Division, US Geological Survey: Spatial and temporal relationships between habitats and primary prey of raptors in Kazakhstan. Co-PI with Todd Katzner. \$22,327. 1997 - 2000.

Center for Field Research (Earthwatch): Metapopulation dynamics of pikas: modeling conservation alternatives. Co-PI with John D. Nagy and John R. Frisch. \$14,965 direct cost. 1997-1998.

Center for Field Research (Earthwatch): Metapopulation dynamics of pikas: modeling conservation alternatives. Co-PI with John D. Nagy. \$9,938 direct cost. 1998-1999.

College of Liberal Arts and Sciences, International Travel Grant Program and Center for Asian Studies, Steele Grant Program: Ecosystem-level effects of keystone species loss: an experimental analysis of the plateau pika (*Ochotona curzoniae*). \$1,000 + \$450. 1999.

Kadoorie Charitable Foundation: An evaluation of the ecological role of the plateau pika (*Ochotona curzoniae*) in the Tibetan plateau ecosystem: keystone species or pest? \$5,000. 2000-2001.

National Science Foundation: IUCN Red List Program Bio-indicators Workshop. \$25,853. 2000.

Critical Ecosystem Partnership Fund: Global Mammal Assessment. Co-PI with Sue Mainka, Mariano Gimenez-Dixon, Mike Hoffmann (IUCN and Conservation International). \$350,000. 2003-2005.

ASU Office of the VP for Research and Economic Affairs. Research Award. \$1,000. 2004.

SoLS Research Initiatives and Human Dimensions Faculty. Travel support to attend 2nd World Lagomorph Conference (Porto). \$600 + \$500. 2004.

Human Dimensions Faculty. Travel Support to attend 9th International Mammalogical Congress (Sapporo). \$1,000. 2005.

Society for Conservation Biology - Christensen Fund. Travel support to attend 1st meeting of the Asian Section, Society for Conservation Biology (Kathmandu). \$2,091. 2005.

Population Genetics of Plateau Pikas. Project 111 – Ministry of Education, People's Republic of China. Co-PI with Liu Jianquan and Zhang Yanming. \$37,000. 2007.

Determinants of Grassland Dynamics in Tibetan Highlands: Livestock, Wildlife and the Culture and Political Economy of Pastoralism. National Science Foundation. Co-PI with Richard Harris, Emily Yeh, Don Bedunah and Marty Anderies. \$1,053,858. 2008-2013.

CONSERVATION FUNDS ADMINISTERED/ACQUIRED

<u>Donor</u>	<u>Activity</u>	<u>Date</u>	<u>Amount</u>
<u>IUCN/SSC Lagomorph Specialist Group</u>			
Private	General Group Support	1991 --	\$1,085
Private	General Group Support	1991 --	\$500
Private	General Group Support	1997 --	\$1,000.00
Sir Peter Scott Fund	General Group Support	1993-1996 --	\$3,000
Sir Peter Scott Fund	Russian and Central Asian Lagomorph Investigations	1994 --	\$1,500
Sir Peter Scott Fund	Mexican Lagomorph Investigations	1994-1995 --	\$3,000
Environment Ministry - Japan	Amami Island Hare Investigations	1993-1995 --	85,000
Sir Peter Scott Fund	Hainan Island Hare Investigations	1995 --	\$1,500
Wildlife Preservation Trust Int'l, St. Louis Zoo, UNAM, UAM-I, CONABIO, Environment Ministry - Mexico, Sir Peter Scott Fund	Mexican Lagomorph CAMP and PHVA	1996 --	\$16,705
Chicago Zoological Society	Omitemi Rabbit Survey	1996-1997 --	\$1,900
Chicago Zoological Society	Tehuantepec Jackrabbit Research	1999-2000 --	\$3,000
Endangered Small Animal Conservation Fund	Environmental Education - Mexico	2000 --	\$500
Chicago Zoological Society	Riverine Rabbit Investigations	2000 --	\$5,000
Sir Peter Scott Fund	Riverine Rabbit PHVA	2000 --	\$2,000
Philadelphia Zoo	Riverine Rabbit PHVA	2000 --	\$3,000
Wildlife Conservation Society	Status & Ecology of Endangered Hispid Hare (West Bengal)	2000-2001--	\$9,000
Lincoln Park Zoo Neotropic Fund	Conservation of <i>Lepus flavigularis</i>	2001--	\$5,000
Global Mammal Assessment	Lagomorph GMA Project	2005 --	\$5,000
Wildlife Conservation Society	White-tailed Jackrabbit Workshop	2005 --	\$411
<u>IUCN/SSC Species Information Service (SIS)</u>			
Species Survival Commission	Data Management	1994-1997 --	\$13,000
Species Survival Commission	Logical Framework Analysis	1998 --	\$661
Species Survival Commission	Data Management Workshop	1998 --	\$1,591
Norcross Foundation	SIS Development	1998-1999 --	\$5,000
Private	SIS Development	1999-2000 --	\$20,000
Margo Marsh Foundation	SIS Development - SSC Primate SG	1900-2000 --	\$25,000
US State Department (to IUCN)	SIS Development	1999-2000 --	\$60,000
Packard Foundation	SIS Workshop and Capacity-building	1999-2000 --	50,000
ESRI	200 MapObject Site Licenses	1999-on --	\$40,000
Private	SIS Development	2000-2001--	\$30,000
Private	SIS Development	2000 --	\$1,000
Species Survival Commission	SIS Development	2000 --	\$1,000
Italian Ministry of the Environment	Central Service Unit General Support	2001 --	~\$200,000
Species Survival Commission	SIS Development	2001 --	\$830
Species Survival Commission	SIS Development	2001 --	\$1,057
Species Survival Commission	SIS Development	2002 --	\$2,156
Species Survival Commission	SIS Development	2003 --	\$1,303
Species Survival Commission	SIS Development	2004 --	\$1,633
Oracle, Inc.	SIS Development	2004-2007 --	\$3,000,000
NatureServe – Moore Foundation	SIS Workshop	2005 --	\$415

IUCN/SSC Regional Activities

IUCN/SSC/British Airways	Central Asian Republics Biodiversity	1994 -- \$3,030
Canadian International Development Agency	Biodiversity Working Group (CCICED)	1995 -- \$4,152
		1996 -- \$5,117
		1997 -- \$4,738
CCICED/Biodiversity Working Group	Biodiversity Workshop - Hainan Island	1998 -- \$2,182
CCICED/Biodiversity Working Group	Qinghai Grasslands Regional Development Plan	1997 -- \$2,000.
IUCN Secretariat (Gland, Switzerland)	Qinghai Grasslands Regional Development Plan	1997 -- \$3,000
	Qinghai Grasslands Regional Development Plan	1998 -- \$500
ASU Center for Asian Studies	Qinghai Grasslands Regional Development Plan	1998 -- \$500
The Wildlife Conservation Society and Species Survival Commission	Russian translation of "IUCN Red List Criteria" booklet	1998 -- \$1,500
Global Greengrants Fund	Upper Yangtze Organization – BWG general support	1999 -- \$2,000.
CCICED/Biodiversity Working Group	Workshop on Biodiversity in Guangdong Province	1999 -- \$1,377
INTAS	Correlates of Extinction Risk for Central Asian Biodiversity	2000-2002 -- \$139,984
NORAD - CCICED	China Alpine Grassland Project - BWG	2000-2001 -- \$10,000
CCICED/Biodiversity Working Group	Workshop on Biodiversity in Sichuan Province and All-China Red-List Criteria Workshop	2000 -- \$4,596
CCICED/Biodiversity Working Group	Workshop on Biodiversity in Qinghai Province	2001-- \$4,235
CCICED/Biodiversity Working Group	Role of Natural Vegetation Booklet	2002 -- \$500
NORAD - CCICED	China Alpine Grassland Project - BWG	2001-2004 -- \$10,000
NORAD - CCICED	Field Guide to Chinese Mammals	2001-2004 -- \$20,000
CCICED	Field Guide to Chinese Mammals	2004-2005 -- \$5,000
Wildlife Conservation Society	International Workshop on Brandt's Vole Management	2004 -- \$1,875
Zoological Society for the Conservation of Species and Populations	China Lagomorph Biodiversity Surveys	2005 -- \$2,500
Global Mammal Assessment	China GMA Assessments	2005 -- \$3,000

REVIEWING ACTIVITY

Editorships

Associate Editor: Acta Theriologica Sinica (China) (2004 - present)

Associate Editor: Mammal Review (UK)(2005 - present)

Associate Editor: Acta Oecologia (The Netherlands)(2007 - present)

Journal Manuscripts (56 different journals)

Acta Oecologica
Acta Theriologica
Acta Theriologica Sinica
Acta Zoologica Sinica
American Naturalist
Animal Behaviour
Behavioral Ecology
Behavioral Ecology and Sociobiology
Biodiversity and Conservation
Biological Conservation

BioMedCentral - Ecology
Canadian Journal of Zoology
Canid News
Caribbean Journal of Science
Conservation Biology
Ecography
Ecology
Ecology and Society
Ecology Letters
Ecological Applications
Ecological Monographs
Ecological Research
Environmental Conservation
Environmental Management
Frontiers in Ecology and the Environment
Game and Wildlife (Gibier Faune Sauvage)
Genetica
Great Basin Naturalist
Heredity
Integrative and Comparative Biology
International Wildlife
Journal of the Arizona-Nevada Academy of Science
Journal of Animal Ecology
Journal of Applied Ecology
Journal of Arid Environments
Journal of Avian Biology
Journal of Biogeography
Journal of Mammalogy
Journal of Zoology
Mammalia
Mammalian Species
Murrelet
National Geographic Magazine
National Geographic Research
Natural History
Northwest Science
Oecologia
Oikos
Oryx
Quaternary Research
Science
Southwestern Naturalist
Species
TRAFFIC International
Ursus
Western North American Naturalist

Granting Agencies

National Science Foundation
Animal Behavior
Ecology
Population Biology and Physiological Ecology
Systematic Biology
Psychobiology
Research Initiation

International Programs:
Latin America and the Caribbean
Biological Oceanography
DEB: Ecological Biology Cluster
Research Council of Canada
UK Natural Environment Research Council
National Institute of Mental Health
Harry Frank Guggenheim Foundation
Jeffress Memorial Trust
National Geographic Society
Committee on Research and Exploration
Conservation Trust
National Academy of Sciences
Smithsonian Institution
Wildlife Conservation Society (New York Zoological Society)
Scott Neotropical Fund (Lincoln Park Zoological Gardens)
Chicago Zoological Society – Conservation and Research Fund
Conservation International: Critical Ecosystem Partnership Fund
People's Trust for Endangered Species

Books and Book Chapters

Academic Press
W. C. Brown Co.
Addison-Wesley
W. B. Saunders Co.
Burgess Publishing
Benjamin/Cummings
Harper and Row
Harper/Collins
Cambridge University Press
National Geographic Society
Birkhäuser Verlag AG
Oxford University Press
Carol Spiller (private review)
Springer-Verlag (World Lagomorph Congress)
Springer-Verlag (International Mammal Congress – Subterranean Rodents)
Princeton University Press

"Buddy" editor of International Manuscripts into Contemporary English (original language)

Acta Theriologica (1: Chinese)
Acta Theriologica Sinica (1: Chinese)
Game and Wildlife (Gibier Faune Sauvage) (1: Russian)
Journal of Mammalogy (1: Chinese)
Biodiversity and Conservation (1: Chinese)
Biodiversity Working Group of CCICED (Chinese)
"Conserving China's Biodiversity"
"Conserving China's Biodiversity II"
Oryx (1: Indian)

INVITED SEMINARS

Purdue University - 1974
University of Michigan - 1974
Florida State University - 1976

University of Arizona - 1977
Northern Arizona University - 1978
University of California, Berkeley - 1979
Rocky Mountain Biological Laboratory - 1979, 1981
University of Maryland - 1981
National Zoological Park (Research Center) - 1982
University of Alberta - 1983
Northwest Plateau Institute of Biology (Xining, PRC) - 1984
Laboratory of Comparative Ethology (NIH) - 1984
Academia Sinica, Department of Zoology (Urumqi, PRC) - 1985
University of California, Davis - 1987
University of Nevada, Reno - 1987
University of California, Santa Barbara - 1987
University of California, San Diego - 1988
Colorado State University - 1988
University of Kansas - 1989
Kansas State University - 1989
Auburn University - 1990
University of Nevada, Reno - 1990
U.S. Air Force Academy - 1991
Northwest Plateau Institute of Biology (Xining, PRC) - 1991
Arizona State University (Mathematics) - 1992
University of British Columbia - 1993
Arizona State University (Mathematics) - 1993
University of Lyon, France - 1994
UNAM - Universidad Nacional Autonoma de Mexico - 1995
Universidad Autonoma Metropolitana, Xochimilco - 1995
Arizona State University (Geography) - 1995
Karaganda State University, Kazakstan - 1997
Arizona State University (Center for Asian Studies) - 1999
University of Sydney (Biological Sciences) - 2001
CSIRO Canberra - 2001
University of New South Wales - 2001
Mammal Section, Royal Zoological Society of New South Wales - 2001
University of California, Berkeley, Integrative Biology - 2002
University of California, Berkeley, Museum of Vertebrate Zoology - 2002
Texas A&M University - 2003
Peking University, Beijing, China - 2004
Peking University, Beijing, China - 2005
Northwest Plateau Institute of Biology, Xining, China - 2005
Beijing Zoo, China - 2005
University of Alberta - 2007
Arizona State University, Center for Asian Research - 2007
Lanzhou University (2) - 2007
Lanzhou University, Yuzhong Campus - 2007

ADDITIONAL RESEARCH EXPERIENCE AND ACTIVITIES

Research Assistant: Dr. Philip Leitner, Saint Mary's College. 1968.
Field Assistant: Dr. Oliver Pearson and the Museum of Vertebrate Zoology, Berkeley, in Peru. 1968.
Assistant Curator of Mammals: Department of Biology, University of Utah. 1972-1973.
Acting Director: University of Alberta Heart Lake Biological Research Station. Northwest Territories, Canada. 1974.
Consultant: Connell, Metcalf and Eddy. Endangered species of south Florida study (Mammals). 1976-1978.
Invited Consultant: Committee established through the U.S. Fish and Wildlife Service's Western Energy

and Land Use Team at the request of the Bureau of Land Management to evaluate the Wildlife portion of the California Desert Conservation Area Plan and Environmental Impact Statement. San Diego and Riverside. 1980.

Invited Consultant: Committee established by the Bureau of Land Management to review the Environmental Impact Statement of the Lower Gila North Study Area. Phoenix. 1980, 1981.

Chairman: Audit Committee. Arizona Chapter, The Wildlife Society. 1981-1982.

Consultant: Office of the Scientific Authority (CITES administration). U.S. Fish and Wildlife Service. Washington, D.C. 1982.

Consultant: Arizona Game and Fish Department (HEP-HSI). Phoenix. 1982.

Member: Membership Committee. The Wildlife Society. Washington, D.C. 1982-1984.

Editor: Arizona Chapter Newsletter, The Wildlife Society. 1982-1983.

Steering Committee: Biotelemetry Workshop. The Wildlife Society and Arizona Game and Fish Department. Tempe. 1982.

Consultant: Kofa National Wildlife Refuge. 1982.

Consultant: Arizona Game and Fish Department (Captive Wildlife Regulations). Phoenix. 1986.

Co-organizer: 1988 Joint Meeting of Mammalogical Society of China and American Society of Mammalogists (held in China, August 1988). (With Professor Wang Sung -- PRC).

Consultant: Mono County (CA) Planning Department, Bodie Consolidated Mineral Exploration Environmental Impact Report (via Beak Consultants, Inc.). 1991, 1992.

Honorary Consultant: Lagomorph Specialist Group, World Conservation Union (IUCN)/Species Survival Commission (SSC), Gland, Switzerland. 1978-1991.

Participant: Area V of U.S.-U.S.S.R. Environmental Agreement, Section 02.05-7103 (Holarctic Mammals). U.S. Fish and Wildlife Service, Office of International Affairs. 1984.

Member: International Relations Committee. American Society of Mammalogists. 1985-present.

Chairman: Lagomorph Specialist Group, IUCN/SSC, Gland, Switzerland. 1991-present.

Honorary Consultant: Specialist Group on Sustainable Use of Wild Species, IUCN/SSC, Gland, Switzerland. 1992-1995.

Honorary Consultant: Re-introduction Specialist Group, IUCN/SSC, Gland, Switzerland. 1993 - present.

Commercial Displays Coordinator and Graduate Student Paper Award Committee Judge: Society for Conservation Biology Annual Meeting, Tempe, Arizona. 1993.

Chair: SSC Species Conservation Data Management Scheme, Vision Working Group. 1994 - 1995.

Chair: SSC Species Conservation Data Management Scheme, Technical Working Group. 1994 - 1995.

Ex-officio Member: IUCN/SSC Steering Committee. 1994 - 1996.

Chair: SSC Biodiversity Conservation Information System Strategy Working Group. 1995 - 1996.

International Member: Biodiversity Working Group of the China Council on International Cooperation in Environment and Development. 1995 - 2002.

Board of Directors Member: Eco Fund (Almati, Kazakhstan). 1995.

Board of Directors Member: PAWS - Preserve Arizona's Wolves. 1990 - 1998.

Member: BIOSATAN -- The International Central Asian Biodiversity Institute. 1996 - present.

Member: Scientific Committee: XIIth Lagomorph Workshop, Clermont-Ferrand, France. 1996.

Steering Committee Member: AMCELA -- Asociacion Mexicana para la Conservacion y Estudio de los Lagomorfos. 1996 - present.

American Society of Mammalogists' representative to IUCN - The World Conservation Union. 1996 - 2004.

Co-Chair: SSC Data Management Working Group. 1997 - present.

Board of Advisors: Captive Breeding Wildlife Network (Indonesia). 1997 - present.

Board of Advisors: Karaganda Regional Ecological Center, Karaganda, Kazakstan. 1997 - present.

Board of Directors and Advisory Board Member: Endangered Small Animal Conservation Fund. 1997 - present.

Consultant: State of Washington, Department of Fish and Wildlife. 1998.

Focal Point for Trade (Lagomorphs): IUCN/SSC Wildlife Trade Program. 1998 - present.

Honorary Chairman: Yangtze River Headwaters Integrated Conservation and Development Organization. 1999 - present.

Panel Member: National Conservation Science Network (Sustainable Ecosystems Institute). 2000 - present.

Member: American Zoo Association, Rodent-Lagomorph-Insectivore Taxon Advisory Group. 2002 -

present.

Member: Conservation Award Committee, American Society of Mammalogists. 2002 - 2007.

Member: Checklist Committee, American Society of Mammalogists. 2002 - present.

Elected Member and Chief Financial Officer: Governing Board, Asia Section, Society for Conservation Biology. 2003 - 2006.

Invited Expert Advisor: The Snowland Great Rivers Environmental Protection Association. Yushu, Qinghai, People's Republic of China. 2003 - present.

Invited Committee Member: Technical Committee for the Conservation of Lagomorphs – Protection of Priority Species. SEMARNAT, Mexico. 2004 - present.

Member, IUCN/Species Survival Commission, Biodiversity Assessment Sub-Committee. 2005- present.

UNIVERSITY SERVICES AND ACTIVITIES

Faculty advisor: Arizona State University Student Chapter, The Wildlife Society. 1978 - 1995.

External examiner: Graduate College (Nursing: 1; Psychology: 1; Botany-Microbiology: 1; Secondary Education: 1; Engineering: 2; Exercise Science: 1; Anthropology: 1)

University Laboratory Animal Care Committee 1980-1983. Chair, ad hoc committee on projected animal usage. 1981-1983.

Zoology Senator: Faculty Senate. 1986-1993.

University Services Committee. 1986-1987, 1989-1993; Chair, 1990-1991.

Faculty Senate Executive Committee. 1990-1991.

Academic Affairs Committee. 1987-1989.

Policy and Procedures Subcommittee. 1988-1989.

University Curriculum Subcommittee. 1988-1989.

College of Liberal Arts and Sciences Caucus. 1986-1992.

Member: Russian and East European Studies Consortium.

Member: Center for Asian Studies.

Member: Center for Latin American Studies.

Member: Center for Biology and Society.

Board of Directors: Friends of the ASU Libraries. 1990-1991.

Faculty advisor: Central Arizona Chapter, The Society for Conservation Biology. 1992 - present.

Goldwater Scholarship Panel: ASU Honors College. 1995, 1996.

CLAS Dean's Faculty Advisory Council. 1996 - 2000; 2002 - 2005. Chair: 2004 – 2005.

Biology Faculty Representative: Preparing Future Faculty Program. 1996 - 2000.

University Libraries Advisory Committee. 1997.

Flynn Scholars' Recruiting Committee. 1997

Graduate College -- Graduate Research Support Program Committee. 1997.

ASU National Scholarships and Fellowships Committee (Goldwater and Udall Scholarships). 1997 - present.

CLAS Dean's Post-Tenure Review Audit Committee. 1998, 1999, 2000, 2003.

ASU Fulbright Campus Interview Committee. 2001

Biology Senator: Faculty Senate. 2001 - 2003.

Invited Participant: CLAS New Faculty Workshop on Promotion and Tenure. 2003.

Member (elected) SoLS Founding Director Search Committee. 2004.

ASU Faculty Development Program Mentor. 2004-2005.

Consortium for Science, Policy and Outcomes Search Committee ("Science, Technology and Society"). 2004 – 2005.

ASU Honors College: Jack Kent Cooke Foundation review panel. 2005.

Member: CSPO (Consortium for Science, Policy and Outcomes). 2005 - present.

Reviewer: Graduates in Earth, Life and Social Sciences Research Symposium. 2006.

Member: University Committee on Academic Freedom and Tenure. 2006 - 2009.

ASU Distinguished Teaching Academy. 2006 - present.

Barrett Honors College Faculty Council. 2006 - 2008.

Barrett Honors College Honors Disciplinary Faculty. 2006 - present.

Barrett Honors College Honors Disciplinary Advisor/ Faculty Honors Advisor. 2006 - present.

Invited Lecturer: ASU 2006 New Student Convocation. 2006

Arizona State University Academic Council. 2006 - 2009.
Invited Lecturer: Homecoming - Classes Without Quizzes. 2006.
Honors Prestigious Fellowship Committee (Rhodes, Mitchell, and Marshall fellowships). 2007.
Panelist. Center for Learning and Teaching Excellence. 2007.
ASU Faculty International Committee. 2007 - 2010.

COMMUNITY SERVICES

Summer mentor: Heart Association of Greater Miami Scholarship Program. 1976.
Minicourse Speaker: Broadmor Elementary School, Tempe. 1979.
Consultant: Arizona Nature Conservancy. 1980.
Consultant: The Heard Museum. 1980.
Invited speaker: Crested Butte, Colorado, Centennial Celebration. 1980.
Consultant: Minnesota Zoological Garden. 1980.
Consultant: Phoenix Rotary Club. 1981.
Consultant: Arizona-Sonoran Desert Museum. 1982.
Consultant: Arizona Museum of Science and Technology. 1983.
Judging Committee Chair: Central Arizona Regional Science and Engineering Fair, 1981, 1982, 1983.
Judge 1979, 1980, 1984.
Consultant: KFYI radio. 1986.
Public talk: Grinnell Natural History Society, Phoenix. 1987.
Participant: Design Charrette, Spectacled Bear Exhibit. Phoenix Zoo. 1992.
Speaker: Broadmor Elementary School, Tempe. 1991, 1992, 1993, 1995, 1996, 1997, 1998, 1999.
Speaker: Tempe High School Science Club, Tempe. 1992.
Speaker: Science Night, Broadmor Elementary School. 1992.
Judge: Science Fair, Broadmor Elementary School. 1993, 1995, 1996, 1997.
Speaker: IUCN Conservation Lunch Series. 1994.
Invited Speaker: The Wildest Club in Town (Phoenix Zoo). 1995.
Consultant: Educational Management Group, Scottsdale. 1995.
Speaker: Society for Conservation Biology. 1997.
Invited Speaker: Queen Creek Kiwanis Club. 1997.
Speaker: McKemy Middle School. 1997.
Invited Speaker: Preserve Arizona's Wolves. 1998.
Invited Speaker: Spirit of the Senses. 1998.
Invited Speaker: Superstition Mountain Chapter, the Retired Officer's Association. 1999.
Invited Instructor: Rio Salado Community College - Rio Institute for Senior Education. 1999.
Invited Speaker: Spirit of the Senses. 2000.
Speaker: Tempe High School (Endangered Species). 2000.
Invited Speaker: McKemy Middle School. 2000, 2002.
Invited Speaker: Sun Terrace Senior Adult Community. 2001.
Invited Speaker: Arizona Science Center. 2002.
Invited Speaker: Monte Vista Village Resort. 2004.

DEPARTMENTAL/SCHOOL SERVICE

University of Miami

Graduate advisory and admissions committee. 1974-1978.
Undergraduate curriculum committee. 1974-1976.
Core course committee. 1975-1978; Chair: 1977-1978.
Biology council. 1976-1978.
Tropical ecology search committee. 1977.
Senior tropical ecology search committee. 1978.
Ecological botanist search committee. 1978.
Head, one-man departmental seminar committee. 1975-1978.

Arizona State University

Graduate research committee. 1978-1979, 1982-1983.
Space committee. 1978-1979.
Departmental secretary. 1978-1979.
Seminar committee. 1978-1981, 1984-1985, 1988-1989.
Compound committee. 1979-1980, 1981-1982; Chair: 1982-1985.
Ecology curriculum committee. 1980.
Graduate admissions committee. 1979-1981.
Ecology search committee. 1980.
Animal care committee. 1980-1981.
Hanson ecology seminar (Co-Chair). 1980-1982.
Chair, wildlife search committee. 1981, 1982.
Graduate exam committee chair. 1989-1990. Graduate exam area subcommittees:
Behavior -- 1982-1983 (Chair), 1983-1984, 1984-1985 (Chair), 1988-1989 (Chair), 1989-1990 (Chair); Ecology -- 1989-1990 (Chair), 1990-1991 (Chair).
Curator of mammals. 1980-1986.
Wildlife review committee. 1981-1982, 1989.
Graduate student review committee. 1983-1984.
ARC and animal care committee. 1983-1984.
Advisory committee. 1983-1985, 1985-1986.
Department chair search committee. 1984-1985.
Vertebrate curator search committee. 1985.
Graduate programs committee. 1985-1986, 1988-1992, 1994-1995, 1996 - 2003.
Intellectual infusion committee. 1986.
Departmental building committee. 1989.
Terrestrial ecology search committee. 1989-1990.
ASU-West ecology search committee. 1989-1990.
Ullman Professorship search committee. 1990-1991.
ASU-West ecological genetics search committee. 1990-1991.
Undergraduate programs committee. 1993-1993, 1995-1996.
Chair, Graduate Student Research Fund Committee. 1996 - 2003.
Committee of Review. 1997-1998.
Urban Ecologist search committee. 1997-1998.
Steering Committee – Biology and Society Program. 1998 - 2003.
University Veterinarian search committee. 1998.
Departmental Graduate Scholarship Review Committee Chairman. 2001 - 2003.
SoLS Professional Awards Committee. 2004-2005. Chair: 2006-2006.
Chair, SoLS Curriculum Review Committee. 2006 - 2007.
Associate Director, Undergraduate Programs. 2006 - 2009.
Chair, SoLS Associate Director Graduate Programs Search Committee. 2008.

GRADUATE STUDENTS SUPERVISED

University of Miami

James A. Bohnsack (Ph.D. 1979). Experimental biogeography of coral head reef fishes.
Sandra L. Hersh (Masters 1978). Ecology of the Key Largo Woodrat.
Frank J. Mazzotti (Masters 1981). Zone maintenance behavior of an intertidal chiton.

Arizona State University

Kevin D. Roberts (Masters 1983). Competition and microhabitat selection among small mammals in southeastern Arizona.
James W. Popp (Masters 1984). Interspecific interactions and mixed ungulate species exhibits in zoos.
John R. Hisey (Masters 1984). Functional adaptations in microtine ailmentary morphology.
Carolyn Engel-Wilson (Masters 1986). Effects of resource distribution and kinship on spacing

patterns of round-tailed ground squirrels.

Mark A. Newton (Ph.D. 1990). The ecology, behavior and evolutionary dynamics of the white-throated woodrat (*Neotoma albigula*).

Mary M. Peacock (Ph.D. 1995). Dispersal patterns, mating behavior, and population structure of pikas (*Ochotona princeps*).

John D. Nagy (Ph.D. 1996). Evolutionarily attracting dispersal strategies in vertebrate metapopulations.

Lyle B. Nichols (Ph.D. 1996). The interaction between dispersal distance and reproductive success in cactus mice (*Peromyscus eremicus*)

Brenda Andrews (Master of Natural Science 1997). Environmental contaminants in fish and wildlife of Havasu National Wildlife Refuge, Arizona.

Heather Triplett (Master of Natural Science 1998). The economic and social value of biodiversity: A case study in Kazakhstan.

John Frisch (Master of Natural Science 1999).

Mary Richardson (Master of Natural Science 2000). Characteristics of occupied Cactus Ferruginous Pygmy-Owl (*Glaucidium brasilianum cactorum*) habitat at Organ Pipe Cactus National Monument, Arizona.

J. Marc Foggin (Ph.D. 2000). Biodiversity protection and the search for sustainability in Tibetan plateau grasslands (Qinghai, China).

Todd Katzner (Ph.D. 2003). Ecology and behavior of four coexisting eagle species at Naurzum Zapovednik, Kazakhstan.

Chien Hsun Lai (Master of Natural Science 2006)

Philip Tarrant (Master of Natural Science 2007)

Benjamin Campbell (MS 2008). Variation in territoriality between two geographically separate red squirrel populations.

Sarah Boyle (Ph.D. 2008). Effects of forest fragmentation on primates in the Brazilian Amazon.

Brigitte Hogan (Ph.D. candidate)

Aimee Kessler (Ph.D. candidate)

Samridhi Shrestha (Ph.D. candidate)

GRADUATE STUDENTS ADVISED

University of Miami

Edward Hatfield (Ph.D. 1977; Marine School)

Randall Breitwisch (Masters 1977; Biology)

Susan Hilsenbeck (Masters 1977; Biology)

John Reynolds (Masters 1977; Marine School)

George Pratsinak (Ph.D. 1978; Psychology)

Caterina Dowd (Masters 1978; Marine School)

Anne Gronell (Masters 1978; Marine School)

Nicholas Chitty (Ph.D. candidate; Marine School)

Sheila Gaby (Ph.D. candidate; Biology)

Michael Schmale (Masters candidate; Marine School)

Arizona State University

Timothy Stevens (Masters 1978; Zoology)

Michael Walker (Masters 1978; Zoology)

Douglas Conner (Masters 1979; Zoology)

Stanley Tomkiewicz (Masters 1979; Zoology)

Joe Rea (Masters 1980; Biology)

Richard Golightly (Ph.D. 1981; Zoology)

Timothy Brush (Masters 1981; Zoology)

Ronald Engel-Wilson (Masters 1981; Zoology)

Deborah Finch (Masters 1981; Zoology)

Alton Higgins (Masters 1981; Zoology)

Thomas Hildebrandt (Masters 1981; Zoology)
Lauren Porzer (Masters 1981; Zoology)
Scott Terrill (Masters 1981; Zoology)
Arthur Hager (Ph.D. 1983; Zoology)
Steve Goldsmith (Ph.D. 1985; Zoology)
Robert Dummer (Masters 1985; Zoology)
Pat Haight (Masters 1989; Psychology)
Howard Berna (Masters 1990; Zoology)
Jennifer Cobb (Masters 1990; Anthropology)
Randall Tracy (Ph.D. 2000; Biology)
Candan Soykan (Ph.D. 2007; Biology)
Carolyn Schroeder (MNS 2004; SoLS)
Laura Becht (MS Candidate; SoLS)
Elizabeth Hagen (Ph.D. Candidate; SoLS)
Jared Underwood (Ph.D. Candidate; SoLS)
Mark Neff (Ph.D. Candidate; SoLS & CSPO)
Jennifer Litteral (MS Candidate; SoLS)

Other Institutions

Hector Rangel (Ph.D. candidate; Universidad Nacional Autonoma de Mexico)
Laura Calandrella (MS 2005; Victoria University of Wellington, New Zealand; external examiner)
Shawn Morrison (Ph.D. 2007; University of Alberta; external examiner)

TEACHING EXPERIENCE

University of California, Los Angeles

Introductory Biology
Environmental Biology
Mammalogy
Biology of the Vertebrates
Field Ecology

University of California Extension

Animal Adaptation and Ecology in the Owens Valley and High Sierra

University of Alberta

Human Ecology
Natural History of the Vertebrates of Alberta
Principles of Wildlife Conservation
Population Biology Seminar

University of Miami

Ecology and Systematics
Introductory Biology
Vertebrate Ecology
Advanced Ecology
Population and Community Ecology
Mammalian Population Dynamics Seminar
Community Ecology Seminar
Evolution Seminar
Population Dynamics Seminar
Tropical Ecology Seminar

Rocky Mountain Biological Laboratory

Rocky Mountain Field Biology (OTS-Style project course) (1981)

Bureau of Land Management, Phoenix Training Center

Small Mammal Habitat Inventories and Monitoring (1981)
Small Mammal Habitat Relations and Management (1982)
Small Non-game Wildlife Inventories and Monitoring (1982; 1983; 1984)

Arizona State University Student evaluation (13 questions; 1=A, 5=E)

<u>Courses taught</u>	<u>Times taught</u>	<u>Evaluation</u>					
		<u>02-03</u>	<u>03-04</u>	<u>04-05</u>	<u>05-06</u>	<u>06-07</u>	<u>07-08</u>
Conservation in Practice	8	1.26	1.21	1.14	1.08	1.15	1.42
Biology and Management of Terrestrial Wildlife	13						
Conservation Biology	25	1.35	1.47	1.28	1.27	1.34	1.29
Mammalogy	16		1.33		1.20		
The Living World	5						
Fundamentals of Ecology	1						
Population Biology Seminar	3						
Vertebrate Social Systems	1						
Tropical Rain Forest Conservation	1						
Conservation Biology Seminar	3						
Biodiversity, Ethics and the Law	1						

Guest lectures in Biological Principles and Processes; Fundamentals of Ecology (2); Sociobiology (3); Ecology and Conservation (1); Professional Values in Science (7); Biology and Management of Aquatic Resources (1); Geography of China (2); Buddhist Art Across Asia (1); Archaeology and Ecology: Legacies on the Landscape (1); Career Paths in the Life Sciences (2); History of Chinese Medicine (1).

UNDERGRADUATE STUDENTS SUPERVISED

Jill Rooth -- BREU Program. 1993.
Elizabeth Cirillo -- Honors BIO 217. 1994.
Long Nguyen -- Flynn Scholar Mentor. 1995-1996, 199 -1997.
Laura Calandrella – BREU Program. 1999 - 2002.
Laura Calandrella – Honors BIO 317. 1999.
Diana Tlougan – Honors BIO 499. 2000.
Jamison Foster – Honor’s Thesis Committee. 2001.
Laura Calandrella – Honor’s Thesis Chair. 2002.
Sasha Keyel – Honors BIO 317. 2002.
Ryan Callahan – Honors BIO 317. 2002.
Amy Novotny – Honors BIO 317. 2002.
Kim Michel – Honors BIO 317. 2003
Andreas Hazelton – Honors BIO 317. 2003
Will Patterson – Honors BIO 317. 2003
Ryan Callahan – Honor’s Thesis Chair. 2004-2005.
Jill Wodrich – Honor’s Thesis Chair. 2004.
Jennifer Laliberte – Honor’s Thesis Committee. 2004.
Wil Peterson – Honor’s Thesis Committee. 2005.
Qing Jiang – Jack Kemp Cooke Scholarship. 2005.
Taylor Jackson – Honor’s Thesis Committee. 2005-2006.
Lowell Thompson – Honors BIO 317. 2006.

Robin Daugherty – Honors BIO 317. 2006.
Kayla Graham – Honor's Thesis Chair. 2006-2007.
Sarah Washburn – Honor's Thesis Chair. 2006-2007.
Robin Daugherty – Honors' Thesis Chair. 2006-2008.
David Green – Honors' Thesis Committee. 2007.
Tyler Scott – Honors' Thesis Committee. 2008-2009.

TEACHING AND OTHER INSTITUTIONAL HONORS

Distinguished Teaching Award, Department of Zoology, University of California, Los Angeles, 1969.
Special Recognition for significant contributions to the quality of life for students at Arizona State University. Office of the Vice President for Student Affairs. 1990.
Nominated for CLAS Dean's Distinguished Teaching Award. 2006.
ASU Parents' Association Professor of the Year. 2006.

TEACHING AIDS PRODUCED

University of Miami

Videocassette Tape Series--on file in University of Miami Library

Population Dynamics Series

1. Population Growth (18 minutes)
2. Demographic Techniques I (18 minutes)
3. Demographic Techniques II (16 minutes)
4. Population Regulation (17 minutes)
5. Competition Theory (23 minutes)
6. Predator-Prey Relationships (18 minutes)

Statistics Series

1. Introduction (19 minutes)
2. Measures of Central Tendency (16 minutes)
3. Chi-square Tests (14 minutes)
4. Regression and Correlation (11 minutes)

Arizona State University

Faeth, S.H. and A.T. Smith. 1982. The Living World: a Laboratory Manual. Second Edition. Burgess, Minnesota. 105 pp. (1st edition = 1981; 105 pp).

VISITING SCHOLARS HOSTED

Professor Yin Xiangchu, Northwest Plateau Institute of Biology, Academia Sinica, Xining, Qinghai, People's Republic of China. Spring 1987.

Professor Yin Xiangchu, Northwest Plateau Institute of Biology, Academia Sinica, Xining, Qinghai, People's Republic of China. 1991-1992.

Dr. F. Stephen Dobson, Department of Zoology and Wildlife Science, Auburn University. Spring 1995.

AGENCY INTERNSHIP PROGRAMS NEGOTIATED

Ongoing Cooperative Student Internship Agreement negotiated 1981 with Arizona Game and Fish Department. Four students placed in summer jobs in 1981; 13 in 1982; 11 in 1983; 10 in 1984; 11 in 1985; 10 in 1986; 15 in 1988; 14 in 1989; 7 in 1990; 8 in 1991; 16 in 1992; 11 in 1993; 12 in

1995; 18 in 1996; 12 in 1997; 21 in 1998; 7 in 1999; 10 in 2000; 13 in 2002; 8 in 2003; 7 in 2004; 4 in 2005; 5 in 2006; 7 in 2007.

Volunteer Service Agreement negotiated 1981 with the Bureau of Land Management. Used to fund graduate student research.

Cooperative Education Program, Army Corps of Engineers, Pittsburg District. 1988. One student placed in 1988.

Cooperative Education Program, United States Fish and Wildlife Service, Refuge System. 1988. One student placed in 1988.

Cooperative Education Program, USDA Forest Service, Tonto National Forest. 1991. One student placed in 1991.

Land Condition Trend Analysis Internship Program, Army Corps of Engineers. 1991. Two students placed in 1991.

Student Volunteer-Internship Program, Bureau of Land Management, Arizona. 1993 - ongoing.