

# **Aaron M. Bauer, PhD**

**Professor and Gerald M. Lemole Endowed Chair in Integrative Biology at College of Liberal Arts and Sciences | Villanova University**

Villanova, PA, US

Aaron Bauer, PhD, is a leading expert on reptiles, with a specialty in geckos, systematics and biogeography.

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## **Biography**

An internationally renowned herpetologist, Professor Bauer has described more new species of reptile than any other living scientist, including over seven percent of the more than 1,600 living geckos. He was part of an international team of scientists that, in 2017 completed the "atlas of life" the first global review and map of every vertebrate on Earth. His decades of field work in 29 countries, principally in the deserts of Africa, Asia and Australia, have identified patterns of distribution, documented the diversity of reptile species, and identified areas where conservation action is vital. Bauer is the go-to source for information about reptiles, especially geckos, which are his specialty.

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## **Areas of Expertise**

Reptiles, Vertebrate Morphology, Systematics, Biogeography, Natural History Collections

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## **Affiliations**

American Association for Zoological Nomenclature, American Society of Ichthyologists and Herpetologists, Bombay Natural History Society, British, Canadian, Chicago, Japanese, Maryland and New Zealand Herpetological Societies, International Society for the History and Bibliography of Herpetology, Pacific Science Association, Sigma Xi, Society for the History of Natural History, Society for the Study of Amphibians and Reptiles, World Congress of Herpetology, Zoological Society of London, Zoological Society of Southern Africa, Associate in Herpetology, Museum of Comparative Zoology, Harvard University, Extraordinary Professor in Botany and Zoology, University of Stellenbosch, South Africa

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## **Education**

**University of California, Berkeley**  
Ph.D.

**Michigan State University**  
B.S.

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## **Select Accomplishments**

**The Council on Botanical or Horticultural Libraries 2016 Annual Literature Award for a Significant Work in Botanical or Horticultural Literature**

For "The Curious Mister Catesby: A 'truly ingenious" naturalist explores new world

**Systematics and Biodiversity 2014 Outstanding Paper of the Year Award**

For "Phylogeny, taxonomy, and biogeography of a circum-Indian Ocean clade of leaf-toed geckos (Reptilia: Gekkota), with a description of two new genera)"

**Graduate Alumni Founder's Award**

2008

**Villanova Outstanding Research Award**

2002

**Emerald Award for Environmental Excellence**

Alberta, 1995

**Honorary Fellow, California Academy of Sciences**

elected 1992

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