

**NANCY B. SIMMONS**  
CURATOR, CURATOR-IN-CHARGE AND PROFESSOR  
DEPARTMENT OF MAMMALOGY  
DIVISION CHAIR  
DIVISION OF VERTEBRATE ZOOLOGY

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**HIGHEST DEGREE EARNED**

Ph.D.

**AREA OF SPECIALIZATION**

Morphology and evolutionary biology of bats

**EDUCATIONAL EXPERIENCE**

Ph.D., University of California, Berkeley, 1989

Ph.C., University of California, Berkeley, 1985

B.A., Pomona College, Cum Laude, 1981

**PREVIOUS EXPERIENCE IN DOCTORAL EDUCATION**

**FACULTY APPOINTMENTS**

Adjunct Faculty, Graduate Program in Ecology and Evolutionary Biology, Columbia University, 1997-present

Adjunct Associate Professor, Ph.D. Program in Biology, City University of New York Graduate School, 1993-present

Adjunct Assistant Professor, Department of Natural Sciences, Baruch College, City University of New York, 1991-1993

Lecturer, Department of Biological Sciences, San Francisco State University, 1989

Instructor, Department of Paleontology, University of California, Berkeley, 1987-1989

Lecturer, Department of Zoology, University of California, Berkeley, 1988

Teaching Assistant and Associate, Department of Zoology, University of California, Berkeley, 1986-1987

**GRADUATE ADVISEES**

Scott Carrdiff, Columbia University, Center for Environmental Research and Conservation/ Ecology, Evolution and Environmental Biology, 2003-present

Adrian Tejedor, City University of New York, Ecology, Evolutionary Biology, Behavior program, 2000-present

Valerie Tavares, City University of New York, Ecology, Evolutionary Biology, Behavior program, 1999-present

Liliana Davalos, Columbia University, Center for Environmental Research and Conservation/ Ecology, Evolution and Environmental Biology, 1998-2004

Andrea Wetterer, Columbia University, Center for Environmental Research and Conservation/ Ecology, Evolution and Environmental Biology, 1995-2003

**GRADUATE COMMITTEES**

### *Chaired*

Adrian Tejedor, Ecology, Evolutionary Biology, Behavior program, City University of New York, 2000-present

Valerie Tavares, Ecology, Evolutionary Biology, Behavior program, City University of New York, 1999-present

### *Served*

Kevin Olival, Ecology, Evolution and Environmental Biology, Columbia University, 2004-present

Cullen Geiselman, Ecology, Evolution and Environmental Biology, Columbia University, 2004-present

Karen Samonds, Ph.D. Program in Anatomical Sciences, SUNY Stony Brook, 2002-present

Sushma Reddy, Ecology, Evolutionary Biology, Behavior program, City University of New York, 2002-2004

Jonathan Geisler, Vertebrate Paleontology Ph.D. Program, Columbia University, 1999 - 2001

Rebecca Kirchner, Ph.D. Program in Genetics, New York University, 1998 -2000

Amy Russell, Ph.D. Program in Ecology and Evolutionary Biology, University of Tennessee at Knoxville, 1998-2003

Ana Luz Porzecanski, Center for Environmental Research and Conservation/ Ecology, Evolution and Environmental Biology, Columbia University, 1997-2003

Marcelo Weksler, Ecology, Evolutionary Biology, Behavior program, City University of New York, 1996-2004

Victor Pacheco, Ecology, Evolutionary Biology, Behavior program, City University of New York, 1996-2003

### **RESEARCH GRANT SUPPORT**

#### **FEDERAL SOURCES**

National Science Foundation, Dissertation Research: Sources of Neotropical Bat Diversity: Have Cave-Rich Areas Been Centers of Cave-Bat Speciation? \$9,585, June 1, 2004-May 31, 2006.

National Science Foundation, Support for Meeting and Workshop on Emergency Preparedness, Response, and Salvage in Natural History Collections to be held in May, 2004, \$9,912, April 1, 2004-March 31, 2006.

### **RECENT ARTICLES IN REFEREED JOURNALS (2003-2008)**

Giannini, N. P. and N. B. Simmons. (In press). Conflict and congruence in a combined DNA-morphology analysis of megachiropteran bat relationships (Mammalia: Chiroptera: Pteropodidae). *Cladistics*.

Giannini, N.P., and N.B. Simmons. 2007. Element homology and the evolution of dental formulae in megachiropteran bats (Mammalia: Chiroptera: Pteropodidae). *American Museum Novitates* 3559: 1-27.

Giannini, N.P., J. R. Wible, and N.B. Simmons. 2006. On the cranial osteology of Chiroptera. I. *Pteropus* (Megachiroptera: Pteropodidae). *Bulletin of the American Museum of Natural History* 295:1-134.

- Giannini, N.P., and N.B. Simmons. 2006. Element homology and the evolution of dental formulae in megachiropteran bats (Mammalia: Chiroptera: Pteropodidae). *American Museum Novitates* 3516: 1-65.
- Schutt, W.A., and N. B. Simmons. 2006. Quadrupedal bats: form, function and phylogeny. *In* A. Zubaid, G. McCracken, and T. Kunz (editors), *Functional and evolutionary ecology of bats*: 15-159. New York: Oxford University Press.
- Gunnell, G.F., and N.B. Simmons. 2005. Fossil evidence and the origin of bats. *Journal of Mammalian Evolution* 12(1/2): 209-246.
- Simmons, N.B. 2005. Order Chiroptera, pp. 312-529, Volume 1. *In* D.E. Wilson and D.M. Reeder (editors), *Mammal species of the world*, 3<sup>rd</sup> Edition. Baltimore, MD: The Johns Hopkins University Press.
- Simmons, N. B. 2005. An Eocene big bang for bats. *Science* 307: 527-528.
- Lim, B. K., M. D. Engstrom, N. B. Simmons, and J. M. Dunlop. 2004. Phylogenetics and biogeography of least sac-winged bats (*Balantiopteryx*) based on morphological and molecular data. *Mammalian Biology*, 69: 225-237.
- Giannini, N. P. and N. B. Simmons. 2003. A phylogeny of megachiropteran bats (Mammalia: Chiroptera: Pteropodidae) based on direct optimization analysis of one nuclear and four mitochondrial genes. *Cladistics* 19: 496-511.

#### **SPECIAL RECOGNITION/AWARDS**

- American Museum of Natural History Kalbfleisch/Hoffman Postdoctoral Research Fellowship, 1989 -1991
- Outstanding Graduate Student Instructor Award, University of California, 1989
- Romer Prize, Society of Vertebrate Paleontology (for best student paper presented at annual meetings), 1988
- Stirton Award, Department of Paleontology, University of California, Berkeley (for excellence in teaching and research), 1988
- Honorable Mention, Romer Prize, Society of Vertebrate Paleontology (for best student paper presented at annual meetings), 1986
- National Science Foundation Graduate Fellowship, 1983 -1986
- University of California Graduate Fellowship, 1982 -1983
- Phi Beta Kappa, Pomona College, 1981