

**MICHAEL J. NOVACEK**  
SENIOR VICE PRESIDENT AND PROVOST OF SCIENCE  
CURATOR, DIVISION OF PALEONTOLOGY  
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**HIGHEST DEGREE EARNED**

Ph.D.

**AREA OF SPECIALIZATION**

Patterns of evolution and relationships among organisms, particularly mammals.

**EDUCATIONAL EXPERIENCE**

Ph.D. in Paleontology, University of California, Berkeley, 1978

M.A. in Biology, San Diego State University, San Diego, 1973

A.B. in Zoology, University of California, Los Angeles (UCLA), 1971

**PREVIOUS EXPERIENCE IN DOCTORAL EDUCATION**

**FACULTY APPOINTMENTS**

Adjunct, Center for Environmental Research and Conservation, Columbia University,  
1995-present

Adjunct Professor, Dept. of Biology, City University of New York, 1987-present

Adjunct Professor, San Diego State University, 1982-present

Lecturer (1976-1977), Assistant (1977-1979), Associate (1979-1982) Professor, Department  
of Zoology, San Diego State University

**GRADUATE DISSERTATION COMMITTEES**

Minchen Bolortsetseg, City University of New York, 1998 - present

Jason Mussel, Johns Hopkins, 2005

Paul Vrana, Columbia University

Andrew Wyss, University of California, Santa Barbara

Gina Gould, University of Florida

**GRADUATE ADVISEES**

Andres Giallombardo, Columbia University, 2003 – present

Sheri Gabbert, University of Denver

Ines Horowitz, University of California, Los Angeles

**RESEARCH GRANT SUPPORT**

**FEDERAL SOURCES**

Health Resources and Services Administration, Equipping the Institute of Comparative  
Genomics at the American Museum of Natural History, \$492,080, September 1,  
2004 – August 31, 2006

National Science Foundation, Collaborative Research: Mesozoic Therians from Central  
Asia: The Basal Radiation of Tribosphenic Mammals and Their Impact on the

Higher-Level Relationships of Therian Mammals, \$97,454, February 1, 2002 – July 31, 2005

NON-FEDERAL SOURCES

Fundacion Antorchas, “Vertebrate Paleontological Exploration of Patagonia,” \$130,000, 2004 - 2005

**RECENT ARTICLES IN REFEREED JOURNALS**

- Asher, R. J., Meng, J., J. R. Wible, M. C. McKenna, G. W. Rougier, D. Dashzeveg, and M. J. Novacek. 2005. Stem Lagomorpha and the antiquity of Glires. *Science* 307:1091-1094.
- Falkowski, P. G., M. E. Katz, A. J. Milligan, K. Fennel, B. S. Cramer, M. P. Aubry, R. A. Berner, M. J. Novacek, and W. M. Zapol. 2005. The Rise of oxygen over the past 205 million years and the evolution of large placental mammals. *Science* 309:2202-2204.
- Rougier, G.W., J. R. Wible, and M. J. Novacek. 2004. New specimen of *Deltatheroides cretacicus* (Metatheria, Deltatheroidea) from the Late Cretaceous of Mongolia. *Bulletin Carnegie Museum of Nat. Hist.* 36: 245-266.
- Wible, J.R., M. J. Novacek, and G. W. Rougier. 2004. New data on the skull and dentition in the Mongolian Late Cretaceous eutherian mammal *Zalambdalestes*. *Bulletin American Mus. Nat. Hist.* 281: 1-144.
- Asher, R. J., M. J. Novacek, and J. H. Geisler. 2003. Relationships of endemic African mammals and their fossil relatives based on morphological and molecular evidence. *Journal of Mammalian Evolution*, Vol. 10, 1/2: 131- 194.
- O’Leary, M. A., J. Gatesy, and M. J. Novacek. 2003. Are dental data really at odds with molecular data? The morphological evidence for whale phylogeny (re)reexamined. *Systematic Biology* 52(6):853-864.
- Flynn, J. J., M. J. Novacek, H. Dodson, D. Frassinetti, M. C. McKenna, M. A. Norell, K. A. Sears, C. C. Swisher III, and A. R. Wyss. 2002. A new fossil mammal assemblage from the southern Chilean Andes: Implications for geology, geochronology, and tectonics. *J. South American Earth Sci.* 15(3):285-302.
- Novacek, M. J. Mammalian phylogeny: genes and supertrees. 2001. *Current Biology.* 11:R573-575.
- Novacek, M. J. 2001. Character distributions are phylogenetic evidence. *Paleobiology.* 27(1): 172-173.
- Novacek, M. J. and E. Cleland. 2001. The current biodiversity extinction event: scenarios for mitigation and recovery. *Proceedings of the National Academy of Sciences*, vol. 98: 5466-5470.
- Rougier, G. W., M. J. Novacek, M. C. McKenna, and J. R. Wible. 2001. Gobiconodonts from the Early Cretaceous of Oshih (Ashile) Mongolia. *American Museum Novitates*, 3348: 1-32.
- Wible, J. R., G. W. Rougier, M. J. Novacek, and M. C. McKenna. 2001. Earliest eutherian ear region; a petrosal referred to *Prokennalestes* from the Early Cretaceous of Mongolia. *American Museum Novitates*, 3322: 1-44.

**SPECIAL RECOGNITION/AWARDS**

Lauderback Award, Outstanding Graduate Research, Univ. of California, Berkeley, 1976

Timeos Award, Outstanding Assistant Professor, San Diego State University, 1977-1978

Honorary Doctoral Degree, Long Island University, C. W. Post, May, 1996.

New York Times "Notable Book of the Year": Dinosaurs of the Flaming Cliffs (1996);

Roy Chapman Andrews Distinguished Explorers Award, 2003

American Association for the Advancement of Sciences (AAAS) Fellow, 2003

American Academy of Arts and Sciences, Fellow, 2004

Lowell Thomas Medal, The Explorers Club, 2005