

MICHAEL J. NOVACEK
SENIOR VICE PRESIDENT AND PROVOST OF SCIENCE
CURATOR, DIVISION OF PALEONTOLOGY AND PROFESSOR

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 ADVISEES

Andres Giallombardo, Columbia University, 2003 – present

Sheri Gabbert, University of Denver

Ines Horowitz, University of California, Los Angeles

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

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

National Science Foundation. ATOL: “Collaborative Research: Resolving Mammalian

Phylogeny with Genomic and Morphological Approaches.” (J. Meng, J. Fynn, and N. Simmons Co-PI’s). \$3,000,000, with \$861,588 directly to AMNH 2006-2011.

NON-FEDERAL SOURCES

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

RECENT ARTICLES IN REFEREED JOURNALS (2003-2008)

- Novacek, M. J. 2008. Engaging the Public on Biodiversity Issues. Proc. National Acad. Sciences, USA 105: 11562-11578.
- Dingus, L., D. B. Loope, D. Dashzeveg, C. C. Swisher III, C. Minjin, M. J. Novacek, and M. A. Norell. 2008. The geology of Ukhaa Tolgod (Djadokhta Formation, Upper Cretaceous, Nemegt Basin, Mongolia). American Museum Novitates 3616:1-40.
- Wible, J. R., G. W. Rougier, M. J. Novacek, and R. J. Asher. 2007. Cretaceous Eutherians and Laurasian origin for placental mammals near K/T boundary. Nature 447:1003 -1006.
- 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 Musuem 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.

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);
Time Traveler (2002)
- 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

Honorary Doctoral Degree, Beloit College, May, 2006 (commencement speaker)

Booklist “Best Science Book of 2007” *Terra: Our 100-Million-Year-Old Ecosystem—
and the Threats that Now Put It at Risk* (2007)

Distinguished Alumni Award (“Monty Award”), 2008, San Diego State University