

TIMOTHY B. ROWE

Jackson School of Geosciences, and
Vertebrate Paleontology Laboratory, Texas Memorial Museum
The University of Texas at Austin
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Curriculum Vitae – September, 2007

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Professional Positions:

The University of Texas at Austin

1998 – present Director, Vertebrate Paleontology Laboratory, Texas
Memorial Museum
1995 - present J. Nalle Gregory Regents Professor of Geology
1996 - 1997 Director, UT Center for Instructional Technologies
1993 - 1995 Peter T. Flawn Centennial Teaching Fellow in Geology
1992 - 1993 William T. Stokes Centennial Teaching Fellow in Geology
1987 - 1992 Bill R. Payne Centennial Teaching Fellow in Geology

1994 - present Professor
1991 - 1994 Associate Professor
1986 - 1991 Assistant Professor

Smithsonian Institution, U. S. National Museum of Natural History

1983 - 1984 Fellow in Residence

University of California, Berkeley

1983, 1985 Teaching Associate in Paleontology

Consulting Paleontologist

1981 - 1986 *for:* Woodward-Clyde Associates, Utah International, Salt
River Project, El Paso Coal Company, Environmental
Research and Technology, Inc., Wirth Associates, and
others

Museum of Northern Arizona, Flagstaff

1978 - 1981 Senior Paleontologist

Thomas J. Watson Fellow At Large

1975 - 1976 Independent research in Europe and Africa

Education:

- Ph.D. 1986 University of California, Berkeley (Paleontology)
- M.S. 1981 University of Chicago (Anatomy)
- A.B. 1975 Occidental College (Geology major, Biology minor)

Honors and Awards:

- 2007-present Research Associate, Museum of Northern Arizona
- 2005-present Research Fellow, American Museum of Natural History
- 2004 Scientific American – World’s 50 Best Websites, for DigiMorph.org
- 2004 National Association for Interpretation Media Competition, 3rd place, for The Dino Pit Exhibit at the Austin Nature & Science Center , under the Wayside Exhibit Category.
- 2003 UT Innovative Use of Instructional Technology, Gold Award, for DigiMorph.Org.
- 2003 Yahoo’s Top 25 picks for 2003, for DigiMorph.Org.
- 1997-1998 Founding Fellow, UT Center for Instructional Technologies
- 1996 Honorary Member Golden Key Honors Society
- 1995 President’s Associates Teaching Excellence Award, University of Texas
- 1989-1994 National Science Foundation Presidential Young Investigator Award.
- 1993 Knebel Teaching Award in Geological Sciences
- 1990 Knebel Teaching Fellowship in Geological Sciences
- 1990 Dad's Association Centennial Teaching Fellowship, College of Natural Sciences, The University of Texas
- 1985 George D. Louderback Award for Academic Excellence and Leadership in Departmental Programs, Department of Paleontology, University of California, Berkeley.

Research Funding:

- 2007-2008 National Science Foundation, *Acquisition of a High Resolution Micro X-ray Computed Tomographic Scanner.*
- 2005-2008 National Science Foundation, *Vertebrate Morphology, Phylogeny, and 3D Phyloinformatics.*
- 2003-2005 National Science Foundation Doctoral Dissertation Improvement Grant: *Evolution of the Cranial Cavity in Mammals* (for Dr. Edward Macrini).
- 2002-2007 National Science Foundation Grant: *A Digital Library of Vertebrate Morphology Using High-Resolution X-ray CT* (renewal).
- 1999-2002 National Science Foundation Grant: *A Digital Library of Vertebrate Morphology Using High-Resolution X-ray CT.*

- 1998-2000 Intel Foundation, *The Virtual Museum*.
- 1995-1996 W. M. Keck Foundation Grant *High-Resolution X-ray Tomography for the Earth Sciences* (co-PI with W. Carlson, J. Kappelman).
- 1995-1996 National Science Foundation Grant: *Acquisition of a High Resolution X-ray CT scanner for the Earth Sciences* (co-PI with W. Carlson, J. Kappelman).
- 1995-1997 National Science Foundation Doctoral Dissertation Improvement Grant: *Phylogenetic Systematics of Eusuchian Crocodylomorpha* (for Dr. Christopher Brochu).
- 1995-1997 National Science Foundation, Doctoral Dissertation Improvement Grant: *Phylogenetic Analysis of Euryapsidan Reptiles* (for Dr. John Merck).
- 1992-1994 National Science Foundation Grant: *Computer Multimedia Labs for Freshman-level Science Courses*.
- 1989-1994 National Science Foundation Presidential Young Investigator Award: *Ontogeny and Phylogeny of the Tetrapod Skeleton*.
- 1989-1991 Texas Advanced Technology Program Grant: *Storage and Analysis of Biological Image Data Using Compact Disc*.
- 1989-1991 American Chemical Society, Grant: *Geochronology, Biostratigraphy and Vertebrate Diversity of Late Cretaceous Non-Marine Sediments of Trans-Pecos Texas*.
- 1986-1988 University of Texas Research Institute, Research Grant, for *Ontogeny and Phylogeny of the Mammalian Skeleton*.
- 1985-1987 National Science Foundation, *Cladistic Analysis of the Higher Systematic Categories of Therapsida (Vertebrata; Amniota)*.
- 1983-1984 Smithsonian Institution Predoctoral Fellowship, for *Cladistic Analysis of the Higher Systematic Categories of Therapsid..*
- 1975-1976 Thomas J. Watson Fellowship, for *Classification of Dicynodont Reptiles*.

Students Supervised:

I. Undergraduate Honors Theses Supervised:

- Dr. Paul David Polly, B.A. 1987
Ms. Sharon Bruyere, B.S. 1994

II. Masters theses Supervised:

- Dr. Anne Inger Weil, M.A. 1992
Dr. Christopher Andrew Brochu, M.A. 1992
Dr. Mary Amy Sheldon, M.A. 1993
Ms. Kyoko Kishi, M.A. 1995
Ms. Mary Stewart Miller, M.A. 1997
Dr. Ronald S. Tykoski, M.S. 1998
Dr. Thomas Edward Macrini, M.S. 2000

Dr. Gerald Grellet-Tinner, M.S. 2001
Mr. David Laurence DuFeau, MS 2003
Dr. Nina Triche, M.S. 2003
Ms. Amy Balanoff M.S. 2003

IV. Doctoral Dissertations Supervised:

Dr. Jeffrey Gill Pittman, Ph.D. 1992
Dr. Gorden Lee Bell, Jr., Ph.D. 1992
Dr. Christopher Andrew Brochu, Ph.D. 1997
Dr. John W. Merck, Jr. Ph.D. 1997
Dr. Matthew W. Colbert, Ph.D. 1999
Dr. Pamela Owen, Ph.D. 2000
Dr. John Chaille, Ph.D., 2001
Dr. Jonathan Franzosa, Ph.D. 2004
Dr. Ronald S. Tykoski Ph.D. 2005
Dr. Thomas Edward Macrini Ph.D. 2006
Dr. Nina Triche, PhD, 2007

V. Postdoctoral Fellows Supervised:

Dr. Oscar Alcober (1997-1998)
Dr. Jessie Maisano (2000-2004)
Dr. Krister Smith (2006-2008)