

CURRICULUM VITAE

Kristina Curry Rogers

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Education

Montana State University (Bozeman)	Biology	B.Sc., 1996
Stony Brook University	Anatomical Sciences	M.Sc., 1999
Stony Brook University	Anatomical Sciences	Ph.D., 2001

Professional Appointments/Affiliations

Assistant Professor in Biology and Geology (2008-present)
Curator of Paleontology (2002-2007), Assistant Curator of Paleontology (2001-2002),
Curatorial Assistant in Paleontology (1999-2001), Science Museum of Minnesota
Visiting Assistant Professor in Geology, Macalester College (2002-2007)
Adjunct Assistant Professor in Geology and Geophysics, University of Minnesota (2006-present)
Research Associate, Bell Museum of Natural History, University of Minnesota (1999-present)
Research Associate, Museum of the Rockies, Montana State University (1996-present)

Publications

Research Articles in Peer-Reviewed Journals (red = undergraduate author)

- Curry Rogers, K.** in review. The postcranial anatomy of *Rapetosaurus krausei* (Sauropoda: Titanosauria). *Journal of Vertebrate Paleontology*.
- Erickson, G. M., **K. Curry Rogers**, D. J. Varricchio, M. A. Norell, and Xing Xu. 2007. Growth patterns in brooding dinosaurs reveals the timing of sexual maturity in non-avian dinosaurs and genesis of the avian condition. *Biological Letters* 3:558-561.
- Rogers, R. R., D. W. Krause, **K. Curry Rogers**, A. H. Rasoamiramanana, and L. Rahantarisoa. 2007. Paleoenvironment and Paleoecology of *Majungasaurus crenatissimus* (Theropoda: Abelisauridae) from the Late Cretaceous of Madagascar. *Journal of Vertebrate Paleontology Memoir* 8 27(suppl. to 2):21-31.
- Salgado, L., R. A. Coria, C. M. Magalhaes Ribeiro, A. Garrido, R. Rogers, M. E. Simón, A. B. Arcucci, **K. Curry Rogers**, A.P. Carabajal, S. Apesteguía, M. Fernández, R. A. García, and M. Talevi. 2007. Upper Cretaceous dinosaur nesting sites of Río Negro (Salitral Ojo de Agua and Salinas de Trapalcó-Salitral de Santa Rosa), northern Patagonia, Argentina. *Cretaceous Research* 28:392-404.
- Krause, D. W., P. M. O'Connor, **K. Curry Rogers**, S. Sampson, G. Buckley, and R. R. Rogers. 2006. Late Cretaceous Terrestrial Vertebrates from Madagascar: Implications for Latin American Biogeography. *Annals of the Missouri Botanical Garden* 93:178-208.
- Curry Rogers, K.** and C. A. Forster. 2004. The skull of *Rapetosaurus krausei* (Sauropoda: Titanosauria) from the Late Cretaceous of Madagascar. *Journal of*

Vertebrate Paleontology 24:121-144.

- Rogers, R. R., **K. Curry Rogers**, D. Munyikwa, **R. Terry**, and B. Singer. 2004. New insights into Karoo-equivalent rocks in the Limpopo Valley of Zimbabwe, with observations on the preservation of early dinosaurs. *Journal of African Earth Sciences* 40:147-161.
- Rogers, R. R., D. W. Krause, and **K. Curry Rogers**. 2003. Cannibalism in the Madagascan dinosaur *Majungatholus atopus*. *Nature* 422:515-518.
- Curry Rogers, K.** and C. A. Forster. 2001. The last of the dinosaur titans: a new sauropod from Madagascar. *Nature* 412:530-534.
- Erickson, G.M., **K. Curry Rogers**, and S. A. Yerby. 2001. Dinosaurian growth patterns and rapid avian growth rates. *Nature* 412: 429-433.
- Castanet, J., **K. Curry Rogers**, J. Cubo, and J. J. Boisard. 2000. Quantification of periosteal osteogenesis in ostrich and emu: Implications for studies of extinct dinosaurian bone histology. *Comptes Rendus l'Academie des Sciences* 323:543-550.
- Curry, K. A.** 1999. Ontogenetic histology of *Apatosaurus* (Dinosauria: Sauropoda): New insights on growth rates and longevity. *Journal of Vertebrate Paleontology* 19:(654-665).

Edited Volumes

Curry Rogers, K. and J. A. Wilson. 2005. *The Sauropods: Evolution and Paleobiology*. University of California Press: 363 pp.

My contributions in this volume include:

- Curry Rogers, K.** 2005. The Evolutionary History of the Titanosauria. *In: The Sauropods: Evolution and Paleobiology* (K. Curry Rogers and J. A. Wilson, eds.). University of California Press, Berkeley: 50-103.
- Curry Rogers, K.** and G. M. Erickson. 2005. Sauropod Histology: Microscopic Views on the Lives of Giants. *In: The Sauropods: Evolution and Paleobiology* (K. Curry Rogers and J. A. Wilson, eds.). University of California Press, Berkeley: 303-326.
- Wilson, J. A. and **K. Curry Rogers**. 2005. Monoliths of the Mesozoic. *In: The Sauropods: Evolution and Paleobiology* (K. Curry Rogers and J. A. Wilson, eds.). University of California Press, Berkeley: 1-14.

Book Chapters/Encyclopedia Contributions

- Curry Rogers, K.** in review. Titanosaur Sauropod. McGraw Hill 2009 Yearbook of Science and Technology. McGraw Hill, Inc.
- Curry Rogers, K.** in review. Science and natural history museums. *In: Encyclopedia of Library and Information Sciences, Third Edition* (M. Bates and M. Niles Maack, eds.). Taylor and Francis.
- Wilson, J. A. and **K. Curry Rogers**. In press. The Sauropods. *In: The Complete Dinosaur, Second Edition* (J. O. Farlow and M. Brett-Surman, eds.). Indiana University Press.
- Curry Rogers, K.** 2001. Evidence for Evolution. Biology, Macmillan Science Library (R. Robinson, ed.), Macmillan Reference USA.
- Curry Rogers, K.** 2001. Growth Rates among the dinosaurs. *In: The Scientific American Book of Dinosaurs* (G. Paul, ed.). Byron Press Visual Publications, Inc., New York: 297-309.
- Gottfried, M.D., **K. Curry Rogers**, and R. Rogers. 2004. First record of Late Cretaceous coelacanths from Madagascar. *In: Recent advances in the origin and early radiation of vertebrates* (G. Arratia, ed.) F. Pfeil, Berlin: 687-691.

Popular Articles

- Curry Rogers, K.** 2006. Quelle poussée de croissance! *La Recherche* 403:39-44.
- Curry Rogers, K.** 2007. Dinosaur growth: the case for *Apatosaurus*. In: *Dinosaurs* (T. Holtz). Random House, New York: 301.
- Curry Rogers, K.** 2003-present. Monthly newspaper article "No Bones About It" in the St. Anthony Park Bugle.

Book Reviews

- Curry Rogers, K.** 2006. The Evolution and Extinction of Dinosaurs, 2nd edition. *Palaios* 21:311-312.
- Curry Rogers, K.** 2005. Deep into Dinosaur Bones. *Trends in Ecology and Evolution* 20(6):298-299.
- Curry Rogers, K.** 2002. Dinomaze – Colossal Fossil Maze Book. *Palaios* 17(5): 529.

Abstracts (all linked to conference presentations, red = undergraduate author)

- Curry Rogers, K** and **M. J. Imker**. 2007. New data on "Malagasy Taxon B," a titanosaur from the Late Cretaceous of Madagascar. *Journal of Vertebrate Paleontology* 27(3):64A.
- Erickson, G. M., **K. Curry Rogers**, D. Varricchio, M. Norell, and X. Xu. 2007. Growth patterns in brooding dinosaurs reveal the timing of sexual maturation in non-avian dinosaurs and the genesis of the avian condition. *Journal of Vertebrate Paleontology* 27(3):71A.
- Garcia, B.**, G. Erickson, **K. Curry Rogers**, and M. Norell. Longevity and growth patterns in the dromaeosaurid *Velociraptor mongoliensis* inferred from long bone histology. *Journal of Vertebrate Paleontology* 27(3):79A.
- Curry Rogers, K.**, J. Hertel, and J. Groenke. 2006. Three-dimensional reconstruction of the skull of *Rapetosaurus krausei* (Sauropoda: Titanosauria). *Journal of Vertebrate Paleontology* 26(3): 53A.
- González Riga, B. J. and **K. Curry Rogers**. 2006. Osteohistology of the titanosaur *Mendozasaurus* (Dinosauria: Sauropoda): preliminary interpretations. 9th Congreso Argentino de Paleontología y Bioestatigrafía (Córdoba, Academia Nacional de Ciencias, Resúmenes: 84. 2006),
- Curry Rogers, K.** 2005. The postcranial anatomy of *Rapetosaurus krausei* (Sauropoda: Titanosauria), with comments on life history strategy. *Journal of Vertebrate Paleontology* 25(3):48A.
- Sauter, M.**, D. Fox, and **K. Curry Rogers**. 2004. A population analysis of *Borealosuchus* (= *Leidyosuchus*) *formidabilis* (Crocodylia) from Wannagan Creek Quarry, North Dakota. *Journal of Vertebrate Paleontology* 24(3): 109A.
- Curry Rogers, K.** 2003. Titanosaur tails tell two tails: A second Malagasy titanosaur with saltasaurid affinities. *Journal of Vertebrate Paleontology* 22(3): 47-48A.
- Curry Rogers, K.**, G. Erickson, and M. Norell. 2003. Dinosaurian Life History Strategies, Growth Rates, and Character Evolution: New insights garnered from bone histology and developmental mass extrapolation. *Journal of Vertebrate Paleontology* 23(3):90A.
- Gottfried, M., R. R. Rogers, and **K. Curry Rogers**. 2002. Coelocanth and Amiid Fishes present in the Late Cretaceous of Madagascar. *Journal of Vertebrate Paleontology* 22(3):60A.
- Curry Rogers, K.** 2001. A new sauropod from Madagascar: Implications for titanosaur lower-level phylogeny. *Journal of Vertebrate Paleontology* 21(3):43A.
- Curry, K. A.** 2001. The anatomy and phylogeny of a new titanosaurid from

- Madagascar (Upper Cretaceous Maevarano Formation). *XVII Jornadas Argentinas de Paleontología de Vertebrados*, Esquel – Chubut, 8.
- Curry Rogers, K.**, J. Castanet, J. Cubo, and J.-J. Boisard. 2000. How fast is fast? Bone growth rate quantification in extant ratites and implications for dinosaurs. *Journal of Vertebrate Paleontology* 20(3):37A.
- Erickson, G. and **K. Curry Rogers**. 2000. Comparison of Exponential-Stage Growth Rates between dinosaurs and extant vertebrates. *Journal of Vertebrate Paleontology* 20(3): 40A.
- Rogers, R., **K. Curry Rogers**, D. Munyikwa, & **R. Terry**. 2000. The beginning of the Age of Dinosaurs in Southern Zimbabwe: A geological and paleontological overview. *Journal of Vertebrate Paleontology* 20(3): 64A.
- Curry, K. A.** 1999. Fossil vertebrates from the Late Cretaceous of Madagascar: New taxa and their biogeographic implications. Conference on the PG Valley. Abstracts:30. Calcutta.
- Curry, K. A.** and C. A. Forster. 1999. New evidence of titanosaurian sauropods in the Late Cretaceous of Madagascar. VII International Symposium on Mesozoic Terrestrial Ecosystems. Abstracts: 20. Buenos Aires.
- Curry, K. A.** and C. A. Forster. 1999. New sauropods from Madagascar: A glimpse into titanosaur cranial morphology and evolution. *Journal of Vertebrate Paleontology* 19(3):41A.
- Munyikwa, D., S. D. Sampson, R. R. Rogers, C. A. Forster, **K. A. Curry**, and B. D. Curtice. 1998. Vertebrate paleontology and geology of the Gokwe Formation, Zimbabwe. *Journal of African Earth Sciences* 27:142-143.
- Curry, K. A.** 1998. Histological quantification of growth rates in *Apatosaurus*. *Journal of Vertebrate Paleontology*. 15(3):36A.
- Curry, K. A.** 1997. Vertebrate fossils from the Ankazomihaboka Formation, Mahajanga Basin, Madagascar. *Journal of Vertebrate Paleontology*. 16(3):40A.
- Curry, K. A.** 1996. Diplodocid Osteogenesis. *Journal of Vertebrate Paleontology*. 16(3):29A.
- Curry, K. A.** 1994. Juvenile sauropods of the Morrison Formation of Montana. *Journal of Vertebrate Paleontology*. 14(3):22A.

Courses Taught/Co-Taught

1998-1999	Human Gross Anatomy (T.A.)	Stony Brook University
2001	Vertebrate Evolution and Paleobiology	Macalester College
2002	Comparative Vertebrate Anatomy	Macalester College
2002-2007	Dinosaurs	Macalester College
2008	Episodes in the History of Life	Macalester College

Invited Lectures

1999	Dinosaurs of Treasure Island Exhibit, Stony Brook University (The Dinosaur Titans)
1999	NSF Chattaqua Course, Stony Brook University (Vertebrate Growth Rates and the Origin of Avialae)
1999	Symposium on the Pranhita-Godavari Valley, Indian Statistical Institute, Calcutta (Fossil Vertebrates from the Late Cretaceous of Madagascar)
2000	Olaf College, Biology Department (Dinosaur Growth Rates)
2000	University of Minnesota, Bell Museum of Natural History (Dinosaur paleobiology)
2000-2004	Science Museum of Minnesota Adult Education (Short course: The

Fossil Record, 4 lectures)

2000, 2001 University of Minnesota, Department of Ecology, Evolution, and Behavior (Malagasy Dinosaurs, Paleobiology and Biogeography)

2000, 2001 St. Croix Research Station, Science Museum of Minnesota (Titanosaurs from Madagascar, Dinosaur Growth Rates)

2001 Geological Society of Minnesota (The Origin of Dinosaurs)

2001-2003 Association of Professional Geologists (Recent advances in dinosaur paleobiology, 3 lectures)

2001 Association of Women Geoscientists, Minnesota (Dinosaur paleobiology)

2002 Macalester College Chicago Alumni Chapter

2003 Keynote Speaker, Eye to the Future Conference for girls in science, Augsburg College (What I love about studying Dinosaurs) (>400 kids in attendance)

2003 Gustavus Adolphus College, Biology Department Seminar Series (Dinosaurs on the Lost Continent)

2003 Association of Science and Technology Centers, Annual Meeting, Invited Panelist (Teaching Evolution to the Public)

2004 13th Annual Kids Plus Conference (Dinosaurs on the Lost Continent) (>2000 kids in attendance)

2004 University of Minnesota – Duluth, Geology Department Seminar Series (Dinosaurian growth rates)

2004 Norwich University, Geology Department Seminar Series (Soaring Sauropods: Growth Rates and Life History Strategies)

2005 McGill University, Biology Department Seminar Series (Microscopic Views on the Lives of Giants: Bone Histology and Dinosaur Growth Rates)

2005 University of Minnesota Raptor Center (The Dinosaur-Bird Connection)

2005 Annual China Day, University of Minnesota (The Dinosaur-Bird Connection) (>500 kids in attendance)

2005 Women in the Society of Vertebrate Paleontology, Invited Panelist

2005 The University of St. Thomas Biology Department (Breathing life into fossil bones: interpreting dinosaurian growth rates)

2005 Association of University Women, University of Minnesota (Dinosaur Paleobiology)

2005 Paleofest, Burpee Museum of Natural History, Rockford Illinois (Dinosaurs on the Lost Continent)

2005 Keynote Speaker, Macalester College, Office of Research and Experiential Learning Student Research Poster Session (From Madagascar to Microscopes: Breathing Life into Dinosaur Bones)

2005 California State University – Fresno, Geology Department (Field work in Madagascar and dinosaur growth rates).

2006 Graduate Women in Science, University of Minnesota (Balancing Field Research with Family)

2007 Graduate Women in Science, National Convention, Invited panelist (Communicating Research to the Public)

2007 Science Saturday, College of St. Catherine (Becoming a Paleontologist)

2007 Hamline University Biology Department (From Madagascar to Microscopes: Breathing Life into Dinosaur Bones)

- 2007 University of Wyoming Distinguished Lecturer Speaker Series (From Madagascar to Microscopes: Breathing Life into Dinosaur Bones)
- 2007 Conversations of the Valley, Marine on St. Croix Speaker Series (Digging Dinosaurs, Communicating in the Community)
- 2007 University of Minnesota Women in Science and Engineering (Digging Dinosaurs, Communicating in the Community)
- 2007 Minnesota Geological Society (The latest and greatest in dinosaur discovery)

*Since 2002 I have given over 200 talks, not including those listed above to K-12 kids, college students, and adult groups.

Grants/Awards

- 1996 Honorable Mention, NSF Predoctoral Fellowship
- 1996-1999 Gabor Inke Graduate Research Fellowship
- 1996 Brian Patterson Award, Society of Vertebrate Paleontology (for field work in vertebrate paleontology)
- 1996 Student Research Grant, The Paleontological Society (in support of research on dinosaurian/modern avian growth rates).
- 1997 Research Grant, The National Geographic Society "Paleontology and Geology of the Limpopo Valley, Zimbabwe: Exploring Early Dinosaur Evolution in Southern Africa"(Co-PIs R. R. Rogers, K. Curry, and D. Munyikwa): \$10,530
- 1998, 1999 Norman Creel Prize for Student Research in Anatomical Sciences (twice awarded)
- 1998, 1999 Research Grant, The Geological Society of America (twice awarded in support of doctoral research)
- 1999, 2000 Research Grant, The Jurassic Foundation (twice awarded in support of doctoral research)
- 2000 Heaton Fund, Student Support Award, Royal Tyrell Museum (for histological research in Tyrell Museum collections)
- 2001 Honorable Mention, Distinguished Doctoral Dissertation, Stony Brook University
- 2002 NSF Grant EAR-0207349 "Collaborative Research: Life History Strategies, Growth Rates, and Microstructural Character Evolution Across the Coelurosaurian/Avialan Transition." (Co-PIs G. Erickson and M. Norell): \$63,742
- 2006 Wallace Research Grant, Macalester College. \$8150
- 2007 NSF Grant – DEB-0640332, "Collaborative Research: Evolution and Phylogeny of Titanosauria." (Co-PI J. A. Wilson): \$138,836

Professional Associations and Service

- 2005 Role Model, "50 Careers You Never Heard Of," College of St. Catherine
- 2005 Distinguished Mentor, Geological Society of America Shlemon Mentor Program
- 2004-present Chair, Media Liaisons Committee, Society of Vertebrate Paleontology
- 2003-present Distinguished Lecturer, Paleontological Society
- 2002-2003 Chair, Host Committee for the Society of Vertebrate Paleontology 2003 Meeting
- 2003-present Member, Society of Vertebrate Paleontology Media Liaisons Committee

2001-present	Member, Society of Vertebrate Paleontology Program Committee
2001-present	Member, Society of Vertebrate Paleontology Skinner Prize Committee
2001	Symposium Co-Convener, Sauropod Evolution and Paleobiology, 2001 Annual Meeting of the Society of Vertebrate Paleontology
1999-present	Member, Society of Vertebrate Paleontology Education and Outreach Committee
Grant Reviews	National Science Foundation, National Geographic Society
Ms. Reviews	<i>Journal of Vertebrate Paleontology, Paleobiology, Zoological Journal of the Linnean Society, Trends in Evolution and Ecology, Nature, Science, Journal of Anatomical Research, Ameghiniana, Journal of the Royal Society of London, Historical Biology, Acta Palaeontologica</i>
<i>Polonica,</i>	
	<i>Geodiversitas</i>

Other Synergistic Activities

present	Science Content Advisor, Carnegie Museum of Natural History Exhibit: Dinosaur Worlds.
2007	Nova Science Now, on screen expert on dinosaur soft tissue, aired on PBS in July 2007
2006	BBC, "My Pet Dinosaur" on screen expert, program aired on BBC March 12, 2007 & to air on Discovery Channel in summer 2007
2003	Science Content Advisor, Maryland Science Center exhibit "Dinosaur Mysteries"
2003	Science Content Advisor, "Dinorevolution" Exhibit, by Minotaur Mazes
2002-2006	Science Content Advisor "Dinosaurs!" IMAX, released July 2007
2001	Science Content Advisor, onscreen expert, PBS documentary "The Shape of Life"

Students Advised/Internships

2000	Adrian Sutter, Macalester College Senior Honor's Thesis (outside committee member), vertebrate microfossils in the Judith River Formation
1999	Narissa Tappitake (Macalester College). Science Museum of Minnesota Collections Intern – invertebrate paleontology collection organization
2001	Michelle Casey (Macalester College), Science Museum of Minnesota Collections Intern – ichnofossil collection organization
2001	Rebecca Terry, Macalester College Senior Honor's Thesis (outside committee member), silcretes in the Limpopo Valley, Zimbabwe.
2002	Liz Hajek, Macalester College Senior Honor's Thesis (committee member), Cretaceous paleoenvironments in Western Minnesota.
2003	Edward Schexnayder (Macalester College) Science Museum of Minnesota Paleontology Intern – fossil preparation
2003	Christine Wong (Macalester college), Science Museum of Minnesota Paleontology Intern – vertebrate paleontology collection organization
2004	Kathleen Dull (Macalester College) Science Museum of Minnesota Paleontology Intern – paleontology archives research
2004	Rebekah Merrill (Grinnell College) Science Museum of Minnesota Paleontology Intern – fossil preparation
2004	Demetrios Vital (University of Minnesota) Science Museum of Minnesota Paleontology Intern – technical illustration
2004, 2005	Matthew Sauter (University of Minnesota) Science Museum of Minnesota Paleontology Intern – Paleocene fossil collection research

- Senior Honor's Thesis (outside committee member), Crocodile Age distributions in the Wannagan Creek Quarry, Paleocene, North Dakota.
- 2005 Beth Welle (College of St. Benedict's), Science Museum of Minnesota
Paleontology Intern – senior research on Jurassic dinosaur collection
- 2006 Barbara Betz (Macalester College), Science Museum of Minnesota Paleontology
Intern – organization/tracking of paleopathology collection.
- 2007 Melanie Imker (University of St. Thomas) Science Museum of Minnesota
Paleontology Intern – Malagasy sauropod research
- 2007 Chris Schodt (Macalester College) Science Museum of Minnesota Paleontology
Intern – paleontology preparation
- 2007 Oscar Boyle-Meija (Macalester College) Science Museum of Minnesota
Paleontology Intern – paleontology preparation
- 2007 Krista Jankowski (Macalester College) Science Museum of Minnesota
Paleontology Intern - paleontology preparation
- 2007 Jeff Dobbins (Macalester College) Science Museum of Minnesota Paleontology
Intern – paleontology preparation
- 2007 W. Scott Persons, Macalester College Senior Honor's Thesis (committee
member), Invertebrate fossil taxonomy and paleobiology
- 2008 Sophia Kast, Macalester College Senior Honor's Thesis (committee member),
Paleosols and paleoclimate of Late Cretaceous Madagascar