

C. J. Bell

Curriculum Vitae  
**Christopher J. Bell**  
10 January, 2012

Professor  
The University of Texas at Austin  
Department of Geological Sciences  
1 University Station C1100  
Austin, TX 78712-0254  
(512) 471-7301  
cjbelle@mail.utexas.edu

**Date and Place of Birth:** 12 March, 1966; Marietta, Georgia, U.S.A.

**Education**

University of California, Berkeley, California. Department of Integrative Biology.  
Ph.D., 1997.  
Northern Arizona University, Flagstaff, Arizona. Quaternary Studies Program. M.S.,  
1990.  
The College of William and Mary in Virginia, Williamsburg, Virginia. Department of  
Geology. B.S., 1988.

**Professional Appointments - Current**

Sep., 2010 – present: Professor, Department of Geological Sciences, The University  
of Texas at Austin.  
April, 2007 – present: Research Associate, Department of Terrestrial Vertebrates,  
Western Australian Museum, Perth, Western Australia.

**Professional Appointments - Historical**

Sep., 2003 – Sept. 2010 : Associate Professor, Department of Geological Sciences,  
The University of Texas at Austin.  
September, 1997 - August, 2003: Assistant Professor, Department of Geological  
Sciences, The University of Texas at Austin.  
January, 1997 - May, 1997: Graduate Student Instructor, 'Natural History of the  
Vertebrates,' Department of Integrative Biology, U.C. Berkeley.  
August - December, 1996: Curatorial Assistant, Museum of Vertebrate Zoology, U.C.  
Berkeley.  
June - August, 1996: Graduate Student Curatorial Assistant, Museum of  
Paleontology, U.C. Berkeley.  
August - December, 1995: Graduate Student Instructor, 'Morphology of the  
Vertebrate Skeleton,' Department of Integrative Biology, U.C. Berkeley.  
June - August, 1995: Move Coordinator, Museum of Paleontology, U.C. Berkeley.  
January - May, 1995: Graduate Student Instructor, 'The Age of Mammals,'  
Department of Integrative Biology, U.C. Berkeley.

C. J. Bell

August - December, 1994: Research Assistant to A. D. Barnosky, Porcupine Cave Project, Museum of Paleontology, U. C. Berkeley.

June - August, 1994: Graduate Student Curatorial Assistant, Museum of Paleontology, U.C. Berkeley.

June, 1992 - May, 1994: Research Assistant to A. D. Barnosky, Porcupine Cave Project, Museum of Paleontology, U. C. Berkeley.

February, 1991 - May, 1992: Collections Manager, Earth Science Section, San Bernardino County Museum, Redlands, California.

November - December, 1990: Laboratory Supervisor, Lake Ilo Project, Northern Arizona University, Flagstaff, Arizona.

August - October, 1990: Assistant Field Geologist, Lake Ilo Project, North Dakota.

September, 1988 - May, 1989: Research Assistant, Quaternary Studies Program, Northern Arizona University, Flagstaff, Arizona.

### **Active Research Interests**

Evolutionary morphology of squamate reptiles (focus on Australia and North America), turtles, and arvicoline rodents

Impacts of apomorphy-based identifications on interpretations of the fossil record

Impacts of twentieth-century wars on the study of zoology and natural history

North American Pliocene and Pleistocene small mammal biostratigraphy and biochronology

### **Awards and Honors**

Jackson School of Geosciences Outstanding Educator Award, December, 2010.

G. Moses and Carolyn G. Knebl Distinguished Teaching Award (Introductory Level, Especially for Non-Geology Majors), Spring, 2008.

The University of Texas At Austin Chancellor's Council 2006-2007 Outstanding Teaching Award, Spring, 2007.

Texas Exes Teaching Award, Fall, 2006.

Joseph C. Walter Jr. Excellence Award, Spring, 2006.

FAST-TEX Course Development Award; Division of Instructional Innovation and Assessment, University of Texas at Austin. 300 hours of time from student developer (approximately \$5,000).

G. Moses and Carolyn G. Knebl Distinguished Teaching Award, Spring, 2006.

G. Moses and Carolyn G. Knebl Distinguished Teaching Award, Spring, 2005.

Houston Oil and Minerals Corporation Faculty Excellence Award, May, 2004.

El Paso Corporate Foundation Faculty Achievement Award, Summer, 2003.

UT Austin Dads' Association Centennial Teaching Fellowship, Fall, 2001.

Teaching Excellence Award, The College of Natural Sciences, University of Texas at Austin. April, 2000.

UT Austin Innovative Instructional Technology Awards Program (IITAP-2000), 1st place award for CD-ROM "Basic Vertebrate Cranial Osteology" by C. J. Bell and M. Colbert. May, 2000.

FAST-TEX course improvement and development project award (Center for Instructional Technologies), Spring, 1999.

C. J. Bell

Dr. Frank Elmer Peabody Memorial Fellowship, University of California, Spring, 1996.  
Regent's Fellowship in Integrative Biology, University of California, Spring, 1995.  
U.C. Museum of Paleontology Samuel P. Welles and Dorothy Hampton Welles Award,  
Spring, 1995.  
Annie M. Alexander Museum of Paleontology Scholarship, University of California, Fall,  
1995.  
ARCS Fellowship, Fall, 1989 - Spring, 1990.

**PUBLICATIONS --** *The publication list includes a separate section of papers published by undergraduate and graduate students in my lab group, but on which I am not an author. Although I regularly publish with my students (references flagged with \* in the C. J. Bell list), I do not require that they list me as an author on all work that they complete under my supervision. The student publication list includes only papers and abstracts reflecting work completed while the student was in my lab. In combination, the two lists reflect the total published productivity of my lab group.*

**C. J. Bell -- Peer-Reviewed Publications: Journal Articles**

(\*denotes publication with graduate student/s)

- \*Murray, L. K., D. R. Ruez, Jr., and **C. J. Bell**. 2011. New perspectives on lagomorph and rodent biochronology in the Anza-Borrego Desert of southern California, USA. *Palaeontologia Electronica* 14(3):36A, 13 pp.
- Bell, C. J.**, and C. N. Jass. 2011. Polyphyly, paraphyly, provinciality, and the promise of intercontinental correlation: Charles Reppening's contributions to the study of arvicoline rodent evolution and biochronology. *Palaeontologia Electronica* 14(3):18A, 15 pp.
- Jass, C. N., and **C. J. Bell**. 2011. Arvicoline rodent fauna from the Room 2 excavation in Cathedral Cave, White Pine County, Nevada, and its biochronologic significance. *Journal of Vertebrate Paleontology* 31(3):684-699.
- Jass, C. N., and **C. J. Bell**. 2010. Desert Tortoises (*Gopherus agassizii*) from Pleistocene sediments in Cathedral Cave, White Pine County, Nevada. *The Southwestern Naturalist* 55(4):558-563.
- LaDuc, T. J., and **C. J. Bell**. 2010. Educating students on the importance of spatial and temporal bias in museum collections: An example using *Sonora semiannulata* from Texas. *Herpetological Review* 41(3):292-298.
- \*Comeaux, R. S., J. C. Olori, and **C. J. Bell**. 2010. Cranial Osteology and Preliminary Phylogenetic Assessment of *Plectrurus aureus* Beddome, 1880 (Squamata: Serpentes: Uropeltidae). *Zoological Journal of the Linnean Society* 160:118-138.
- Bell, C. J.**, M. G. Hollenshead, J. I. Mead, and S. L. Swift. 2010. Presence of a urinary bladder in *Egernia depressa* (Squamata: Scincidae) in Western Australia. *Records of the Western Australian Museum* 25(4):459-462.
- Bell, C. J.**, J. A. Gauthier, and G. S. Bever. 2010. Covert biases, circularity, and apomorphies: A critical look at the North American Quaternary Herpetofaunal Stability Hypothesis. *Quaternary International* 217(1-2):30-36.
- Rincón, A. D., G. E. Parra, F. J. Prevosti, M. T. Alberdi, and **C. J. Bell**. 2009. A preliminary assessment of the mammalian fauna from the Pliocene-Pleistocene El

- Breal de Orocuál locality, Monagas State, Venezuela. Pp. 593-620 in *Papers on Geology, Vertebrate Paleontology, and Biostratigraphy in Honor of Michael O. Woodburne* (L. B. Albright, III, ed.). Museum of Northern Arizona Bulletin 65.
- Bell, C. J.**, J. I. Mead, and S. L. Swift. 2009. Cranial osteology of *Moloch horridus* (Reptilia: Squamata: Agamidae). *Records of the Western Australian Museum* 25(2):201-237.
- \***Bhullar, B.-A. S.**, and **C. J. Bell**. 2008. Osteoderms of the California legless lizard *Anniella* (Squamata: Anguidae) and their relevance for considerations of miniaturization. *Copeia* 2008(4):785-793.
- Mead, J. I., M. Hollenshead, S. L. Swift, **C. J. Bell**, and A. Baynes. 2008. *Pygopus* (Squamata: Pygopodidae) from mid-Holocene cave deposits, Western and South Australia. *Records of the Western Australian Museum* 25(1):87-93.
- Head, J. J., and **C. J. Bell**. 2007. Snakes from Lemudong'o, Kenya Rift Valley. Pp. 177-179 in *Geology and Paleontology of Lemudong'o, Kenya* (L. Hlusko, J. T. Hannibal, and J. B. Keiper, eds.). *Kirtlandia* 56.
- Ambrose, S. H., **C. J. Bell**, R. L. Bernor, J.-R. Boisserie, C. M. Darwent, D. Degusta, A. Deino, N. Garcia, Y. Haile-Selassie, J. J. Head, F. C. Howell, M. D. Kyule, F. K. Manthi, E. M. Mathu, C. M. Nyamai, H. Saegusa, T. A. Stidham, M. A. J. Williams, and L. J. Hlusko. 2007. The Paleocology and paleogeographic context of Lemudong'o Locality 1, a late Miocene terrestrial fossil site in southern Kenya. Pp. 38-52 in *Geology and Paleontology of Lemudong'o, Kenya* (L. Hlusko, J. T. Hannibal, and J. B. Keiper, eds.). *Kirtlandia* 56.
- Bell, C. J.**, and G. S. Bever. 2006. Description and significance of the *Microtus* (Rodentia: Arvicolinae) from the type Irvington fauna, Alameda County, California. *Journal of Vertebrate Paleontology* 26(2):371-380.
- \***Bever, G. S.**, **C. J. Bell**, and J. A. Maisano. 2005. The ossified braincase and cephalic osteoderms of *Shinisaurus crocodilurus* (Squamata, Shinisauridae). *Palaeontologia Electronica* 8.1.14:1-36.
- \***Murray, L. K.**, **C. J. Bell**, M. T. Dolan, and J. I. Mead. 2005. Late Pleistocene fauna from the southern Colorado Plateau, Navajo County, Arizona. *The Southwestern Naturalist* 50(3):363-374.
- \***Ruez, Dennis R., Jr.**, and **C. J. Bell**. 2004. First Pleistocene jumping mouse (*Zapus*, Zapodinae, Rodentia) from Utah. *Western North American Naturalist* 64(4):439-444.
- \***Joyce, W. G.**, and **C. J. Bell**. 2004. A review of the comparative morphology of extant testudinoid turtles (Reptilia: Testudines). *Asiatic Herpetological Research* 10:53-109.
- Barnosky, A. D.**, **C. J. Bell**, S. D. Emslie, H. T. Goodwin, J. I. Mead, C. A. Repenning, E. Scott, and A. B. Shabel. 2004. Exceptional record of mid-Pleistocene vertebrates helps differentiate climatic from anthropogenic ecosystem perturbations. *Proceedings of the National Academy of Sciences of the United States of America* 101(25):9297-9302.
- \***Bell, C. J.**, and C. N. Jass. 2004. Arvicoline rodents from Kokoweef Cave, Ivanpah Mountains, San Bernardino County, California. *Bulletin of the Southern California Academy of Sciences* 103(1):1-11.
- Barnosky, A. D.**, and **C. J. Bell**. 2003. Evolution, climatic change and species boundaries: perspectives from tracing *Lemmiscus curtatus* populations through time

- and space. Proceedings of the Royal Society of London, Series B, Biological Sciences 270:2585-2590.
- Bell, C. J.**, S. E. Evans, and J. A. Maisano. 2003. The skull of the gymnophthalmid lizard *Neusticurus eupleopus* (Reptilia: Squamata). Zoological Journal of the Linnean Society 139:283-304.
- Barnosky, A. D., E. H. Hadly, and **C. J. Bell**. 2003. Mammalian response to global warming on varied temporal scales. Journal of Mammalogy 84(2):354-368.
- Maisano, J. A., **C. J. Bell**, J. A. Gauthier, and T. Rowe. 2002. The osteoderms and palpebral in *Lanthanotus borneensis* (Squamata: Anguimorpha). Journal of Herpetology 36(4):678-682.
- Mead, J. I., D. W. Steadman, S. H. Bedford, **C. J. Bell**, and M. Spriggs. 2002. New extinct mekosuchine crocodile from Vanuatu, South Pacific. Copeia 2002(3):632-641.
- Mead, J. I., and **C. J. Bell**. 2001. Pliocene amphibians and reptiles from Clark County, Nevada. Bulletin of the Southern California Academy of Sciences 100(1):1-11.
- \*Owen, P. R., **C. J. Bell**, and E. M. Mead. 2000. Fossils, diet, and conservation of black-footed ferrets (*Mustela nigripes*). Journal of Mammalogy 81(2):422-433.
- Bell, C. J.**, and A. D. Barnosky. 2000. The microtine rodents from the Pit locality in Porcupine Cave, Park County, Colorado. Annals of Carnegie Museum 69(2):93-134.
- Bell, C. J.**, and C. A. Repenning. 1999. Observations on dental variation in *Microtus* from the Cudahy Ash Pit fauna, Meade County, Kansas and implications for Irvingtonian microtine rodent biochronology. Journal of Vertebrate Paleontology 19(4):757-766.
- Czaplewski, N. J., J. I. Mead, **C. J. Bell**, W. D. Peachey, and T.-L. Ku. 1999. Papago Springs Cave revisited, part II: vertebrate paleofauna. Occasional Papers of the Oklahoma Museum of Natural History 5:1-41.
- Czaplewski, N. J., W. D. Peachey, J. I. Mead, T.-L. Ku, and **C. J. Bell**. 1999. Papago Springs Cave revisited part I; geologic setting, cave deposits, and radiometric dates. Occasional Papers of the Oklahoma Museum of Natural History 3:1-25.
- Gillette, D.D., **C. J. Bell**, and M. C. Hayden. 1999. Preliminary Report on the Little Dell Dam fauna, Salt Lake County, Utah (middle Pleistocene, Irvingtonian land mammal age). Pp. 495-500 in: Vertebrate Paleontology in Utah (D.D. Gillette, ed.). Utah Geological Survey Miscellaneous Publication 99-1.
- Rodríguez-Robles, J. A., **C. J. Bell**, and H. W. Greene. 1999. Gape size and evolution of diet in snakes: feeding ecology of erycine boas. Journal of Zoology (London) 248:49-58.
- Rodríguez-Robles, J. A., **C. J. Bell**, and H. W. Greene. 1999. Food habits of the glossy snake, *Arizona elegans*, with comparisons to the diet of sympatric long-nosed snakes, *Rhinocheilus lecontei*. Journal of Herpetology 33(1):87-92.
- Bell, C. J.**, and J. I. Mead. 1998. Late Pleistocene microtine rodents from Snake Creek Burial Cave, White Pine County, Nevada. Great Basin Naturalist 58(1):82-86.
- Bell, C. J.**, and J. I. Mead. 1996. *Charina* Gray, 1849 (Boidae, Erycinae) from the Pleistocene of California. Herpetological Natural History 4(2):161-168.

- Bell, C. J.**, and D. P. Whistler. 1996. Fossil remains of the legless lizard, *Anniella* Gray, 1852 from late Pleistocene deposits at Rancho La Brea, California. *Bulletin of the Southern California Academy of Sciences* 95(2):99-102.
- Bell, C. J.**, and S. S. Sumida (eds.). 1996. The Uses of Vertebrate Fossils in Biostratigraphic Correlation. *PaleoBios* 17(2-4). 69 pp.
- Pajak, A. F., III, E. Scott, and **C. J. Bell**. 1996. A review of the biostratigraphy of Pliocene and Pleistocene sediments in the Elsinore Fault Zone, Riverside County, California. *In: The Uses of Vertebrate Fossils in Biostratigraphic Correlation* (C. J. Bell and S. S. Sumida, eds.). *PaleoBios* 17(2-4):28-49.
- Bell, C. J.**, and C. B. Hanson. 1995. A fossil *Sigmodon* from the San Francisco Bay area, Solano County, California, with comments on additional fossil material from Kern Co., California. *PaleoBios* 16(4):9-12.
- Bell, C. J.**, J. I. Mead, and L. P. Fay. 1995. Neogene history of *Anniella* Gray, 1852 (Squamata, Anniellidae) with comments on postcranial osteology. *Copeia* 1995(3):719-726.
- Langer, M. R., and **C. J. Bell**. 1995. Toxic foraminifera: innocent until proven guilty. *Marine Micropaleontology* 24(3/4):205-214.
- Bell, C. J.** 1993. Fossil lizards from the Elsinore Fault Zone, Riverside County, California. *In: New additions to the Pleistocene vertebrate record of California* (R. G. Dundas and D. J. Long, eds.). *PaleoBios* 15(2):18-26.
- Bell, C. J.**, and R. G. Dundas. 1993. Fossil lizards from Rancho La Brea in the collections of the University of California Museum of Paleontology. *In: New additions to the Pleistocene vertebrate record of California* (R. G. Dundas and D. J. Long, eds.). *PaleoBios* 15(2):14-17.
- Mead, J. I., **C. J. Bell**, and L. K. Murray. 1992. *Mictomys borealis* (northern bog lemming) and the Wisconsin paleoecology of the east-central Great Basin. *Quaternary Research* 37(2):229-238.

**C. J. Bell -- Peer-Reviewed Publications: Articles in Books**

- Bell, C. J.**, C. A. Repenning, and A. D. Barnosky. 2004. Arvicoline rodents from Porcupine Cave: Identification, spatial distribution, taxonomic assemblages, and biochronologic significance. Pp. 207-263 *in Biodiversity Response to Climate Change in the Middle Pleistocene: The Porcupine Cave Fauna from Colorado* (A. D. Barnosky, ed.). University of California Press, Berkeley.
- Bell, C. J.**, J. J. Head, and J. I. Mead. 2004. Synopsis of the herpetofauna from Porcupine Cave. Pp. 117-126 *in Biodiversity Response to Climate Change in the Middle Pleistocene: The Porcupine Cave Fauna from Colorado* (A. D. Barnosky, ed.). University of California Press, Berkeley.
- Barnosky, A. D., and **C. J. Bell**. 2004. Age and correlation of key fossil sites in Porcupine Cave. Pp. 64-73 *in Biodiversity Response to Climate Change in the Middle Pleistocene: The Porcupine Cave Fauna from Colorado* (A. D. Barnosky, ed.). University of California Press, Berkeley.
- Barnosky, A. D., **C. J. Bell**, R. G. Reynolds, and L. H. Taylor. 2004. The Pleistocene fossils of Porcupine Cave, Colorado: Spatial distribution and taphonomic overview.

- Pp. 6-26 *in* Biodiversity Response to Climate Change in the Middle Pleistocene: The Porcupine Cave Fauna from Colorado (A. D. Barnosky, ed.). University of California Press, Berkeley.
- Bell, C. J.**, E. L. Lundelius, Jr., A. D. Barnosky, R. W. Graham, E. H. Lindsay, D. R. Ruez, Jr., H. A. Semken, Jr., S. D. Webb, and R. J. Zakrzewski. 2004. The Blancan, Irvingtonian, and Rancholabrean mammal ages. Pp. 232-314 *in* Late Cretaceous and Cenozoic Mammals of North America: Biostratigraphy and Geochronology (M. O. Woodburne, ed.). Columbia University Press, New York.
- Webb, S. D., R. W. Graham, A. D. Barnosky, **C. J. Bell**, R. Franz, E. A. Hadly, E. L. Lundelius Jr., H. G. McDonald, R. A. Martin, H. A. Semken Jr., and D. W. Steadman. 2004. Vertebrate Paleontology. Pp. 519-538 *in* The Quaternary Period in the United States (A. R. Gillespie, S. C. Porter, and B. F. Atwater, eds.). Developments in Quaternary Science series, Volume 1. Elsevier Press, Amsterdam.
- Bell, C. J.**, and J. Glennon. 2003. Arvicoline rodents from Screaming Neotoma Cave, southern Colorado Plateau, Apache County, Arizona, with comments on the Pleistocene biogeography of *Lemmiscus curtatus*. Pp. 54-63 *in* Ice Age Cave Faunas of North America (B. W. Schubert, J. I. Mead, and R. W. Graham, eds.). Indiana University Press.
- Bell, C. J.** 2000. Synopsis of terrestrial and non-marine aquatic faunal groups. Pp. 407-411 *in* Quaternary geochronology: methods and applications (J. S. Noller, J. M. Sowers, and W. R. Lettis, eds.). American Geophysical Union, Washington, D.C.
- Bell, C. J.** 2000. Biochronology of North American microtine rodents. Pp. 379-406 *in* Quaternary geochronology: methods and applications (J. S. Noller, J. M. Sowers, and W. R. Lettis, eds.). American Geophysical Union, Washington, D.C.
- Bell, C. J.** 1998. North American Quaternary land mammal ages and the biochronology of North American microtine rodents. In: Dating and Earthquakes: review of Quaternary geochronology and its application to paleoseismology (J. M. Sowers, J. S. Noller, and W. R. Lettis, eds.). U.S. Nuclear Regulatory Commission, NUREG/CR-5562, Part 2:605-645. [Reprinted 2000 by the American Geophysical Union].
- Bell, C. J.** 1998. Synopsis of Quaternary terrestrial and non-marine aquatic faunal groups of North America. In: Dating and Earthquakes: review of Quaternary geochronology and its application to paleoseismology (J. M. Sowers, J. S. Noller, and W. R. Lettis, eds.). U.S. Nuclear Regulatory Commission, NUREG/CR-5562, Part 2:597-604. [Reprinted 2000 by the American Geophysical Union].
- Mead, J. I., and **C. J. Bell**. 1994. Late Pleistocene and Holocene herpetofaunas of the Great Basin and Colorado Plateau. Pages 255-275 *in*: Natural History of the Colorado Plateau and Great Basin (K. T. Harper, L. L. St. Clair, K. H. Thorne and W. M. Hess, eds.). University Press of Colorado, Niwot.

**C. J. Bell -- Peer-Reviewed Publications: Articles submitted, in review, and in press**  
(\*denotes publication with graduate student/s)

- Parham, J. F., P. C. J. Donoghue, **C. J. Bell**, T. D. Calway, J. J. Head, P. A. Holroyd, J. G. Inoue, R. B. Irmis, W. G. Joyce, D. T. Ksepka, J. S. L. Patané, N. D. Smith, J. E. Tarver, M. van Tuinen, Z. Yang, K. D. Angielczyk, J. M. Greenwood, C. A. Hipsley,

L. Jacobs, P. J. Makovicky, J. Müller, K. T. Smith, J. M. Theodor, R. C. M. Warnock, and M. J. Benton. In press. Best practices for justifying fossil calibrations. *Systematic Biology*.

\*Olori, J. C., and **C. J. Bell**. Comparative skull morphology of uropeltid snakes (Alethinophidia: Uropeltidae) with special reference to disarticulated elements and variation. *PLoS-ONE*.

\*Burroughs, R. W., **C. J. Bell**, T. J. LaDuc, and D. A. Hendrickson. Submitted. Morphological variation in the carapace and plastron of *Terrapene coahuila* Schmidt and Owens, 1944. *Festschrift in Honor of Eugene S. Gaffney*.

### **C. J. Bell -- Edited Volumes**

Taylor, L. H., L. L. Jacobs, and **C. J. Bell**, eds. 2011. The Charles A. Repenning Memorial Issue. *Palaeontologia Electronica* 14(3).

### **C. J. Bell -- Non Peer-Reviewed Publications**

(\*denotes publication with graduate student)

**Bell, C. J.**, and J. L. R. Forsberg. 2011. A biographical sketch and bibliography of Charles A. Repenning. *Palaeontologia Electronica* 14(3).

Taylor, L. H., L. L. Jacobs, and **C. J. Bell**. 2011. Charles A. Repenning – A Dedication. *Palaeontologia Electronica* 14(3):2E, 2 pp.

**Bell, C. J.** 2010. Carl Gans: The Austin Years 1997-2009. *Herpetological Review* 41(2):148-150.

**Bell, C. J.**, J. I. Mead, and M. G. Hollenshead. 2009. Sand shimmying as predator avoidance behaviour in two agamid lizards, *Ctenophorus reticulatus* and *Ctenophorus femoralis*. *The Western Australian Naturalist* 27(1):54-55.

**Bell, C. J.** 2007. Mid-Pleistocene vertebrate records/North America. Pp. 1537-1543 in *Encyclopedia of Quaternary Science, Volume 2* (S. A. Elias, ed.). Elsevier B.V., Amsterdam, The Netherlands.

\*Bever, G. S., and **C. J. Bell**. 2006. J. Stuart Thomson and The Anatomy of the Tortoise. Pp. v-viii in *The Anatomy of the Tortoise*. Reprinted. Bibliomania!, Salt Lake City, Utah.

Gans, C., and **C. J. Bell**. 2001. Vertebrates, overview. Pp. 755-766 in *Encyclopedia of Biodiversity, Volume 5 R – Z* (S. A. Levin, ed.). Academic Press, San Diego.

Poteet, M. F., and **C. J. Bell**. 1999. *Thamnophis sirtalis concinnus*: diet. *Herpetological Review* 30(3):170-171.

**Bell, C. J.**, and J. K. Bowden. 1995. *Diadophis punctatus modestus* (San Bernardino Ringneck Snake). Diet. *Herpetological Review* 26(1):38.

Schorn, H. E., **C. J. Bell**, S. W. Starratt, and D. T. Wheeler. 1994. A computer-assisted annotated bibliography and preliminary survey of Nevada paleobotany. U. S. Geological Survey Open File Report 94-441. 180 pp.

Reynolds, R. E., R. L. Reynolds, and **C. J. Bell**. 1991. The Devil Peak sloth. Pp. 115-116 in *Crossing the Borders: Quaternary Studies in eastern California and southwestern*



- Nevada (R. E. Reynolds, Compiler). San Bernardino County Museum Association Special Publication.
- Reynolds, R. E., R. L. Reynolds, **C. J. Bell**, and B. Pitzer. 1991. Vertebrate remains from Antelope Cave, Mescal Range, San Bernardino County, California. Pp. 107-109 *in* Crossing the Borders: Quaternary Studies in eastern California and southwestern Nevada (R. E. Reynolds, Compiler). San Bernardino County Museum Association Special Publication.
- Reynolds, R. E., R. L. Reynolds, **C. J. Bell**, N. J. Czaplewski, H. T. Goodwin, J. I. Mead, and B. Roth. 1991. The Kokoweef Cave faunal assemblage. Pp. 97-103 *in* Crossing the Borders: Quaternary Studies in eastern California and southwestern Nevada (R. E. Reynolds, Compiler). San Bernardino County Museum Association Special Publication.
- Bell, C. J.**, and R. E. Reynolds. 1991. An early Holocene herpetofauna from Coon Canyon fault crevice, Barstow fossil beds, California. San Bernardino County Museum Association Quarterly 38(3):86-87.

### **C. J. Bell -- Published Abstracts**

(\*denotes publication with graduate student)

- \*Burroughs, R. W., **C. J. Bell**, A. E. Latimer, and E. C. Kirk. 2011. Fossil turtles from the Devil's Graveyard Formation of southwest Texas: Large terrestrial turtles and a geographic range extension for carettochelyid turtles. Pp. 91-92 *in* Texas Academy of Science 114<sup>th</sup> Annual Meeting Program, March 3-5<sup>th</sup> 2011 St. Edward's University.
- LaDuc, T. J., **C. J. Bell**, and G. B. Pauly. 2010. Demographics of an urban water snake population: Mark-recapture of *Nerodia erythrogaster* on The University of Texas at Austin campus. P. 184 *in* 113<sup>th</sup> Annual Meeting of the Texas Academy of Science. Program and Abstracts. March 4-6, 2010 Tarleton State University Stephenville, Texas.
- Jass, C. N., and **C. J. Bell**. 2009. Geography, taphonomy and the Pleistocene turtle record. Pp. 76-83 *in* Turtle Symposium October 17-18, 2009. Abstracts and Program (D. R. Braman, Compiler). Special Publication of the Royal Tyrrell Museum, Drumheller, Alberta, Canada. [Have entire volume].
- \*Burroughs, R. W., T. J. LaDuc, **C. J. Bell**, and D. A. Hendrickson. 2009. Morphological variation in the carapace and plastron of *Terrapene coahuila* Schmidt and Owens, 1944. Pp. 25-28 *in* Turtle Symposium October 17-18, 2009. Abstracts and Program (D. R. Braman, Compiler). Special Publication of the Royal Tyrrell Museum, Drumheller, Alberta, Canada. [Have entire volume].
- LaDuc, T., G. Pauly, and **C. Bell**. 2008. Demographics of an urban water snake population: Mark-recapture of *Nerodia erythrogaster* on The University of Texas at Austin campus. P. 258 *in* Abstract Book, Joint Meeting of Ichthyologists and Herpetologists, (JMIH), Montréal, Quebec July 23-28, 2008 (M. A. Donnelly, ed.).
- \*Olori, J., and **C. Bell**. 2007. Apomorphic identification of fossil caudate vertebrae from Oregon and California: Futile or fruitful? Journal of Vertebrate Paleontology 27(Supplement to 3):125A-126A.

- Bell, C.** 2007. Apomorphies, preconceptions, the pull of the recent, and circularity: A critical look at North American Quaternary vertebrate faunal dynamics. *Journal of Vertebrate Paleontology* 27(Supplement to 3):46A.
- Van Tuinen, M., **C. Bell**, C. Conroy, and E. Hadly. 2005. Using an exceptional record to test and calibrate rodent molecular clocks. *Journal of Vertebrate Paleontology* 25(Supplement to 3):126A.
- Bell, C. J.** 2005. Use of an extant phylogenetic bracket for paleoecological reconstructions. *Journal of Vertebrate Paleontology* 25(Supplement to 3):35A-36A.
- LaDuc, T. J., and **C. J. Bell**. 2005. Exploring temporal and spatial bias in museum collections: An example using the colubrid snake *Sonora semiannulata*. P. 280 in Abstract Book, Joint Meeting of Ichthyologists and Herpetologists, Tampa, Florida 2005, 6-11 July (M. A. Donnelly, ed.).
- Bell, C. J.**, and T. J. LaDuc. 2005. Exploring temporal and spatial bias in museum collections: An example using the colubrid snake *Sonora semiannulata*. Program and Abstracts, 108<sup>th</sup> Annual Meeting of the Texas Academy of Science:47.
- Scott, E., **C. J. Bell**, M. C. Carpenter, J. I. Mead, L. M. Spencer, S. L. Swift, and R. S. White, Jr. 2004. Preliminary report on late Pleistocene vertebrates from Lake Mead National Recreation Area, Mojave Desert, southern Nevada. *Geological Society of America Abstracts with Programs* 36(5):54.
- \*Rodgers, J., C. George, and **C. Bell**. 2004. Recognition of the os cordis, a neglected skeletal element. *Journal of Vertebrate Paleontology* 24(Supplement to 3):105A.
- \***Bell, C.**, and G. Bever. 2004. *Microtus* from the Irvington fauna, Alameda County, California. *Journal of Vertebrate Paleontology* 24(Supplement to 3):38A.
- \*Jass, C., and **C. Bell**. 2003. Morphologic variation in the dentary of pocket gophers (*Geomys*) from Hall's Cave, Kerr County, Texas. *Journal of Vertebrate Paleontology* 23(Supplement to 3):66A.
- \*Bever, G. S., **C. J. Bell**, and J. H. Hutchison. 2003. Hinged emydine turtles in North America: Reading the record. *Journal of Vertebrate Paleontology* 23(Supplement to 3):34A.
- Bell, C. J.**, and J. A. Gauthier. 2002. North American Quaternary Squamata: Re-evaluation of the stability hypothesis. *Journal of Vertebrate Paleontology* 22(Supplement to 3):35A.
- Gauthier, J. A., and **C. J. Bell**. 2002. Constraint, homoplasy, and informativeness in the evolution of the medial aperture of the recessus scalae tympani in lizards. *Journal of Vertebrate Paleontology* 22(Supplement to 3):57A.
- \*Jass, C. N., and **C. J. Bell**. 2002. Morphological variation in *Lemmiscus* from Kokoweef Cave, CA. *Journal of Vertebrate Paleontology* 22(Supplement to 3):71A.
- Bell, C. J.**, and J. A. Gauthier. 2001. Phylogenetic systematics and Quaternary paleontology. *Journal of Vertebrate Paleontology* 21(Supplement to 3):33A.
- \*Jass, C. N., **C. J. Bell**, and J. I. Mead. 2001. Pleistocene artiodactyls and perissodactyls from Cathedral Cave, Nevada. *Journal of Vertebrate Paleontology* 21(Supplement to 3):65A.
- Bell, C. J.**, and E. L. Lundelius, Jr. 2000. Definition, characterization, and stability of the Irvingtonian land mammal age. *Journal of Vertebrate Paleontology* 20(Supplement to 3):29A.

- Mead, J. I., S. L. Swift, M. Hollenshead, C. N. Jass, and **C. J. Bell**. 2000. Preliminary report on the Holocene vertebrates from G3D locality, Oregon Caves National Monument, Oregon. *Journal of Vertebrate Paleontology* 20(Supplement to 3):58A.
- Bell, C. J.**, and A. D. Barnosky. 1998. Re-evaluation of the age of the Pit locality, Porcupine Cave, Colorado. *Journal of Vertebrate Paleontology* 18(Supplement to 3):27A.
- \*Owen, P. R., and **C. J. Bell**. 1998. A fossil black-footed ferret (*Mustela nigripes*) from Cathedral Cave, White Pine County, Nevada. *Journal of Vertebrate Paleontology* 18(Supplement to 3):68A.
- Czaplewski, N. J., J. I. Mead, W. D. Peachey, R. Ku, and **C. J. Bell**. 1997. Papago Springs Cave revisited: radiometric dates and fauna. *Journal of Vertebrate Paleontology* 17(Supplement to 3):41A.
- Bell, C. J.**, and C. A. Repenning. 1996. A re-evaluation of the *Microtus* population from the type locality of the Cudahy fauna and Sunbright Ash Pit, Meade Co., Kansas. *Journal of Vertebrate Paleontology* 16(Supplement to 3):21A.
- Mead, J. I., and **C. J. Bell**. 1996. Late Rancholabrean microtine rodents from Snake Creek Burial Cave, Great Basin, Nevada. *Journal of Vertebrate Paleontology* 16(Supplement to 3):52A.
- Bell, C. J.**, and A. D. Barnosky. 1996. Porcupine Cave, Park County, Colorado: the microtine rodents and the changing face of Irvingtonian microtine rodent biochronology. National Speleological Society, Program of the 1996 National Convention:57.
- Barnosky, A. D., and **C. J. Bell**. 1996. Porcupine Cave, Park County, Colorado: what drives community re-organization? Implications of superposed fauna from Porcupine Cave. National Speleological Society, Program of the 1996 National Convention:57.
- Bell, C. J.**, and A. D. Barnosky. 1996. Porcupine Cave, Park County, Colorado: the microtine rodents and the changing face of Irvingtonian microtine rodent biochronology. *Journal of Cave and Karst Studies* 58(3):215.
- Barnosky, A. D., and **C. J. Bell**. 1996. Porcupine Cave, Park County, Colorado: what drives community re-organization? Implications of superposed fauna from Porcupine Cave. *Journal of Cave and Karst Studies* 58(3):215.
- Barnosky, A. D., E. A. Hadly, and **C. J. Bell**. 1996. Climatic fluctuations and the evolution of mammalian communities. American Quaternary Association Program and Abstracts of the 14th Biennial Meeting, Flagstaff, Arizona:2-4.
- Bell, C. J.** 1995. A middle Pleistocene (Irvingtonian) microtine rodent fauna from White Pine County, Nevada, and its implications for microtine rodent biochronology. *Journal of Vertebrate Paleontology* 15(Supplement to 3):18A.
- Barnosky, A. D., and **C. J. Bell**. 1994. Evolutionary relationships and implications of Irvingtonian arvicoline rodents from Porcupine Cave, Colorado. *Journal of Vertebrate Paleontology* 14(Supplement to 3):16A.
- Langer, M. R., and **C. J. Bell**. 1994. Toxic Foraminifera: innocent until proven guilty. *In: Forams '94. International Symposium on Foraminifera* (M. R. Langer and H. Bagi, eds.). *PaleoBios* 16(Supplement to 2):42.

- Pajak, A. F., III, E. Scott, and **C. J. Bell**. 1994. A review of the chronostratigraphy of Pliocene and Pleistocene sediments in the Elsinore Fault zone, Riverside County, California. *Geological Society of America Abstracts with Programs* 26(2):79.
- Bell, C. J.**, and J. I. Mead. 1993. Fossil lizards from the Elsinore Fault Zone, California with comments on the Neogene fossil history of the legless lizard *Anniella*. *Abstracts of Proceedings, The 1993 Mojave Desert Research Symposium*. San Bernardino County Museum Association Quarterly 40(2):20-21.
- Bell, C. J.** 1993. A late Pleistocene mammalian fauna from Cathedral Cave, White Pine County, Nevada. *Journal of Vertebrate Paleontology* 13(Supplement to 3):26A.
- Mead, J. I., and **C. J. Bell**. 1993. Late Pleistocene and Holocene herpetofaunas of the Great Basin and the Colorado Plateau, North America. *Second World Congress of Herpetology, Adelaide, South Australia, 29 December - 6 January, 1993* Abstracts:168-169.
- Murray, L. K., T. Dolan, and **C. Bell**. 1990. A late Pleistocene peccary (*Platygonus compressus*) and a pygmy rabbit (*Brachylagus idahoensis*) from the Colorado Plateau. *Abstracts of Proceedings, 1990 Mojave Desert Quaternary Research Symposium*. San Bernardino County Museum Association Quarterly 37(2):31.
- Bell, C. J.** 1990. A Rancholabrean mammalian fauna from Cathedral Cave, White Pine County, Nevada. *Abstracts of Proceedings, 1990 Mojave Desert Quaternary Research Symposium*. San Bernardino County Museum Association Quarterly 37(2):21.
- Clement, S. C., and **C. J. Bell**. 1989. Petrography of opalized plant remains in pottery from St. Eustatius. *Virginia Journal of Science* 40(2):80.

### **C. J. Bell -- Other Writings**

- Bell, C. J.** 2009. Faculty Updates: Chris Bell. P. 75 in 2009 Jackson School of Geosciences Newsletter.
- Bell, C. J.** 2007. [Edited and extracted comments on teaching at The University of Texas at Austin]. *The Alcalde* 95(4):41.
- Bell, C. J.** 2007. Faculty Updates: Christopher J. Bell. P. 105 in 2007 Jackson School of Geosciences Newsletter.
- Bell, C.**, and T. Rowe. 1999. Lundelius Symposium on Quaternary Vertebrate Paleontology. Pp. 20-21 in 1999 Newsletter, The University of Texas at Austin Department of Geological Sciences.

### **Bell Lab Group, Student Publications -- Peer-reviewed**

- Anthony, D. W., D. R. Brown, and **C. George**. 2006. Early horseback riding and warfare: The importance of the magpie around the neck. Pp. 137-156 in *Horses and Humans: The Evolution of Human-Equine Relationships* (S. L. Olsen, S. Grant, A. M. Choyke, and L. Bartosiewicz, eds.). *British Archaeological Reports International Series* 1560. Archaeopress, Oxford, England.
- Apesteeguía, S., F. L. Agnolín, and **K. Claeson**. 2007. Review of Cretaceous dipnoans from Argentina (Sarcopterygii: Dipnoi) with descriptions of new species. *Revista del Museo Argentino de Ciencias Naturales "Bernardino Rivadavia"* 9:27-40.

- G. S. Bever.** Submitted. Variation, variability, and probability in assessing the evolutionary history of fossil vertebrates based on discrete skeletal characters. *Systematic Biology*.
- Bever, G. S.** In press. Postnatal ontogeny of the skull in the extant North American turtle *Sternotherus odoratus* (Cryptodira: Kinosternidae). *Bulletin of the American Museum of Natural History*.
- Bever, G. S.** 2008. The postnatal skull of the extant turtle *Pseudemys texana* (Cryptodira; Emydidae) with comments on the study of discrete intraspecific variation. *Journal of Morphology*, Published online 10/20/2008. DOI: 10.1002/jmor.10677.
- Bever, G. S.** 2008. Comparative postnatal growth in the skull of the extant North American turtle *Pseudemys texana* (Cryptodira: Emydidae). *Acta Zoologica* (Stockholm). 89:107-131.
- Bever, G. S.** 2005. Morphometric variation in the cranium, mandible, and dentition of *Canis latrans* and *Canis lepophagus* (Carnivora: Canidae) and its implications for the identification of isolated fossil specimens. *The Southwestern Naturalist* 50(1):42-56.
- Bever, G. S.** 2005. Variation in the ilium of North American *Bufo* (Lissamphibia; Anura) and its implications for species-level identification of fragmentary anuran fossils. *Journal of Vertebrate Paleontology* 25(3):548-560.
- Bever, G. S.** 2003. New record of *Bassariscus ogallalae* (Carnivora: Procyonidae) from the Ogallala Group (Miocene) of Ellis County, Kansas, with comments on variation within *Bassariscus*. *The Southwestern Naturalist* 48(2):249-256.
- Bever, G. S.,** and W. Joyce. 2005. Dermochelyidae – Lederschildkröten. Pp. 235-248 in *Handbuch der Reptilien und Amphibien Europas. Band 3/IIIB: Schildkröten (Testudines) II (Cheloniidae, Dermochelyidae, Fossile Schildkröten Europas)* (U. Fritz, ed.). AULA-Verlag, Wiebelsheim.
- Bever, G. S.,** T. E. Macrini, and **C. N. Jass.** 2008. A natural endocranial cast of a fossil proboscidean with comments on elephant endocranial evolution and the scientific value of ‘no data’ specimens. Pp. 11-22 in *Unlocking the Unknown: Papers Honoring Dr. Richard J. Zakrzewski* (G. H. Farley, and J. R. Choate (eds.)). Special Publication of the Fort Hays Studies Series, Fort Hays State University.
- Bever, G. S.,** T. Rowe, E. G. Ekdale, T. E. Macrini, M. W. Colbert, and A. M. Balanoff. 2005. Comment on “Independent origins of middle ear bones in monotremes and therians.” *Science* 309:1492a.
- Bhullar, B. S.** In press. Cranial osteology of *Exostinus serratus*, fossil sister taxon to the enigmatic clade *Xenosaurus*. *Zoological Journal of the Linnean Society*.
- Bhullar, B. S.** In press. A reevaluation of the unusual abdominal musculature of squamate reptiles (Reptilia: Squamata). *The Anatomical Record*.
- Bhullar, B. S.** Submitted. The anatomy and phylogeny of *Xenosaurus* (Squamata: Xenosauridae) and its extinct relatives. *Bulletin of the Museum of Comparative Zoology*.
- Bhullar, B. S.,** and **G. S. Bever.** Submitted. Morphology and a unified biology. *Biological Reviews*.

- Bhullar, B. S.**, and K. T. Smith. In press. Helodermatid lizard from the Miocene of Florida, the evolution of the dentary in Helodermatidae, and comments on dentary morphology in Varanoidea. *Journal of Herpetology* 42(2):286-302.
- Claeson, K. M.** 2008. Variation of the synarcual in the California ray, *Raja inornata* (Elasmobranchii: Rajidae). *Acta Geologica Polonica* 58(2):121-126.
- Claeson, K. M.**, and M. N. Dean. 2011. Cartilaginous fish skeletal anatomy. Pp. 419-427 in *Encyclopedia of Fish Physiology: From Genome to Environment, Volume 1* (A. P. Farrell, E. D. Stevens, J. J. Cech, and J. G. Richards, eds.). Academic Press, San Diego, California.
- Claeson, K. M.**, and J. W. Hagadorn. 2008. The occipital region in the basal bony fish *Erpetoichthys calabaricus* (Actinopterygii: Cladistia). *Journal of Fish Biology* 73:1075-1082.
- Claeson, K. M.**, and A. Hilger. 2011. Morphology of the anterior vertebral region in elasmobranchs: Special focus, Squatiniformes. *Fossil Record* 14(2):129-140.
- Claeson, K. M.** and A. Hilger. Submitted. Anatomical studies of fetal and juvenile angel sharks with a comparison to other 'hypnosqualean' taxa. *Copeia*.
- Claeson, K. M.** and J. G. Lundberg. 2008. Skeletal morphology of *Sarcoglanis simplex* and a cladistic analysis of the Sarcoglaninae. *Palaeontologia Electronica* 11:6A:11p.; [http://Palaeo-electronica.org/2008\\_2/130/index.html](http://Palaeo-electronica.org/2008_2/130/index.html)
- Claeson, K. M.**, J. W. Hagadorn, and W. E. Bemis. 2007. New interpretations of the skull of a primitive bony fish; *Erpetoichthys calabaricus* (Actinopterygii: Cladistia). *Journal of Morphology* 268:1021-1039.
- Claeson, K. M.**, M. A. O'Leary, E. M. Roberts, F. Sissoko, M. Bouaré, L. Tapanila, D. Goodwin, and M. D. Gottfried. 2010. First Mesozoic record of the stingray *Myliobatis wurnoensis* from Mali and a phylogenetic analysis of Myliobatidae incorporating dental characters. *Acta Palaeontologica Polonica* 55(4):655-674.
- Huffman, O., Y. Zaim, J. Kappelman, **D. R. Ruez, Jr.**, J. de Vos, Y. Rizal, F. Aziz, and C. Hertler. 2006. Relocation of the 1936 Mojokerto skull discovery site near Pening, East Java. *Journal of Human Evolution* 50:431-451.
- Jass, C. N.** 2011. Caves, arvicoline rodents, and chronologic resolution. *Palaeontologia Electronica* 14(3):40A, 21 pp.
- Jass, C. N.** 2009. Pleistocene lagomorphs from Cathedral Cave, Nevada. *PaleoBios* 29(1):1-12.
- Jass, C. N.** 2004. Mid- to late Holocene mammals from Bighorn Cave, Arizona. *The Southwestern Naturalist* 49:75-82.
- Jass, C. N.** 2004 (2003). New late-Pleistocene mollusk records from the Mammoth Site of Hot Springs, SD. *Current Research in the Pleistocene* 20:97-99.
- Jass, C. N.** 2003. Preliminary taphonomic analyses of the mammalian microfauna. Pp. 179-190 in (P. R. Geib and D. R. Keller, eds.) *Bighorn Cave: Test excavation of a stratified dry shelter, Mohave County, Arizona*. Bilby Research Center Occasional Papers No. 1, Bilby Research Center, Flagstaff, AZ.
- Jass, C. N.**, and **C. O. George**. 2010. An assessment of the contribution of fossil cave deposits to the Quaternary paleontological record. *Quaternary International* 217(1-2):105-116.

- Jass, C. N.**, and J. I. Mead. 2009. Gastropods and their paleoenvironmental implications. Pp. 99-102 *in* Hell Gap. A Stratified Paleoindian Campsite at the Edge of the Rockies (M. L. Larson, M. Kornfeld, and G. C. Frison, eds.). The University of Utah Press, Salt Lake City, Utah.
- Jass, C. N.**, and J. I. Mead. 2004. *Capricornis crispus*. Mammalian Species 750:1-10.
- Jass, C. N.**, J. I. Mead, A. D. Morrison, and L. D. Agenbroad. 2002. Late Pleistocene mollusks from the southern Black Hills, South Dakota. Western North American Naturalist 62:129-140.
- Joyce, W., and **G. S. Bever**. 2005. Cheloniidae – Seesschildkröten. Pp. 13-24 *in* Handbuch der Reptilien und Amphibien Europas. Band 3/IIIB: Schildkröten (Testudines) II (Cheloniidae, Dermochelyidae, Fossile Schildkröten Europas) (U. Fritz, ed.). AULA-Verlag, Wiebelsheim.
- Kennedy, A. M., **B. S. Bhullar**, P. J. Lewis, and M. Gabadirwe. Submitted. Preliminary analysis of a mid-Pleistocene herpetofauna from Botswana. African Journal of Herpetology.
- Maga, M.**, J. Kappelman, T. R. Ryan, and R. Ketcham. 2006. Trabecular microarchitecture of the calcaneus in the extant large-bodied hominoids. American Journal of Physical Anthropology 129(3):410-417.
- Murray, L. K.** In press. The effects of curatorial and publication errors on analyses of biochronology in the Vallecito Creek-Fish Creek section of California. Museum of Northern Arizona Special Publication.
- Murray, L. K.** 2006. The small carnivorans: Canids, felids, procyonids, mustelids. Pp. 197-214 *in* Fossil Treasures of the Anza-Borrego Desert (G. T. Jefferson, and L. Lindsay, eds.). Sunbelt Publications, Inc., San Diego, California.
- Murray, L. K.** 2006. The smaller artiodactyls: Peccaries, oxen, deer, and pronghorns. Pp. 273-287 *in* Fossil Treasures of the Anza-Borrego Desert (G. T. Jefferson, and L. Lindsay, eds.). Sunbelt Publications, Inc., San Diego, California.
- Nance, H. A.** 2007. Cranial osteology of the African gerrhosaurid *Angolosaurus skoogi* (Squamata; Gerrhosauridae). African Journal of Herpetology 56(1):39-75.
- Olori, J.** 2010. Digital endocasts of the cranial cavity and osseous labyrinth of the burrowing snake *Uropeltis woodmasoni* (Alethinophidia: Uropeltidae). Copeia 2010(1):14-26.
- Osborne, M. C.**, and **C. N. Jass**. 2008. The relationship of mineralogical data to paleontological questions: A case study from Cathedral Cave, White Pine County, Nevada. Journal of Cave and Karst Studies 70(3):156-162.
- Parga, J., **M. Maga**, and D. Overdorff. 2006. High-Resolution X-Ray Computed Tomography scanning of primate copulatory plugs. American Journal of Physical Anthropology 129(4):567-576.
- Parker, W.G., D. L. Brinkman, M. Fox, J. A. Gauthier, W. G. Joyce, and **L. K. Murray**. 2006. New additions to the fauna of the Upper Triassic Chinle Formation of Utah. Pp. 166-167 *in* A Century of Research at Petrified Forest National Park 1906 – 2006 (W. G. Parker, S. R. Ash, and R. B. Irmis, eds.). Museum of Northern Arizona Bulletin 62.

- Pearce, T. A., **J. C. Olori**, and K. W. Kemezis. Submitted. Land snails from St. Elzear Cave, Gaspé Peninsula, Quebec: Antiquity of *Cepaea hortensis* in North America. Annals of Carnegie Museum.
- Ruez, D. R., Jr.** 2000. Late Pleistocene (Rancholabrean) records of the harvest mouse (*Reithrodontomys*) in Florida. Florida Scientist 63(3):182-190.
- Ruez, D. R., Jr.** 2001. Early Irvingtonian (latest Pliocene) rodents from Inglis 1C, Citrus County, Florida. Journal of Vertebrate Paleontology 21(1):153-171.
- Ruez, D. R., Jr.** 2002 (“2001”). The second occurrence of an atypically grooved fossil pocket gopher tooth. Current Research in the Pleistocene 18:112-113.
- Ruez, D. R., Jr.** 2002. Mammalian taphonomy of the early Irvingtonian (late Pliocene) Inglis 1C fauna (Citrus County, Florida). Southeastern Geology 41(3):159-168.
- Ruez, D. R., Jr.** 2003. A new record of *Sylvilagus Palustrellus* [*sic*] from the Rancholabrean (Late Pleistocene) of Florida. Current Research in the Pleistocene 20:112-113.
- Ruez, D. R., Jr.** 2005. Earliest record of *Palaeolama* (Mammalia, Camelidae) with comments on “*Palaeolama*” *guanajuatensis*. Journal of Vertebrate Paleontology 25(3):741-744.
- Ruez, D. R., Jr.** 2005. Diet of Pleistocene *Paramylodon harlani* (Xenarthra: Mylodontidae): Review of methods and preliminary use of carbon isotopes. The Texas Journal of Science 57(4):329-344.
- Ruez, D. R., Jr.** 2006. Middle Pliocene paleoclimate in the Glens Ferry Formation of Hagerman Fossil Beds National Monument, Idaho: A baseline for evaluating faunal change. Journal of the Idaho Academy of Science 42(2):1-16.
- Ruez, D. R., Jr.** 2009. Revision of the Blancan (Pliocene) mammals from Hagerman Fossil Beds National Monument, Idaho. Journal of the Idaho Academy of Science 45(1):1-143.
- Ruez, D. R., Jr.** 2009. Framework for stratigraphic analysis of Pliocene fossiliferous deposits at Hagerman Fossil Beds National Monument, Idaho. Rocky Mountain Geology 44(1):33-70.
- Ruez, D. R., Jr.**, and P. A. Gensler. 2006. Fossil *Lemmiscus curtatus* (Rodentia, Arvicolinae) from Hagerman Fossil Beds National Monument, Idaho. Northwestern Naturalist 87(3):240-245.
- Ruez, D. R., Jr.**, and P. A. Gensler. 2008. An unexpected early record of *Mictomys vetus* (Arvicolinae, Rodentia) from the Blancan (Pliocene) Glens Ferry Formation, Hagerman Fossil Beds National Monument, Idaho. Journal of Paleontology 82(3):638-642.
- Smith, K. T., **B. S. Bhullar**, and P. A. Holroyd. 2008. Earliest record of the *Varanus* stem-clade (Squamata: Varanidae) from the Early Oligocene of Egypt. Journal of Vertebrate Paleontology 28(3):909-913.
- Smith, N.** and S. Strait. 2008. PaleoView3D: from specimen to online digital model. Palaeontologia Electronica 11(2):11A: 17p. [http://Palaeo-electronica.org/2008\\_2/134/index.html](http://Palaeo-electronica.org/2008_2/134/index.html).
- Wheatley, P. V.**, and **D. R. Ruez, Jr.** 2006. Pliocene *Odocoileus* from Hagerman Fossil Beds National Monument, Idaho, and comments on the taxonomic status of *Odocoileus brachyodontus*. Journal of Vertebrate Paleontology 26(2):462-465.



Zakrzewski, R. J., and **G. S. Bever**. In Press. Arvicolini (Rodentia) from the Irvingtonian of north-central Kansas. *Palaeontologia Electronica*.

**Bell Lab Group, Student Publications -- Abstracts**

- Bever, G. S.** 2007. Variation, variability, and probability in assessing the evolutionary history of fossil vertebrates based on discrete skeletal characters. *Journal of Vertebrate Paleontology* 27(Supplement to 3):48A.
- Bever, G. S.** 2005. *Echmatemys* and the evolution of the braincase in testudinoid turtles. *Journal of Vertebrate Paleontology* 25(Supplement to 3):37A.
- Bever, G. S.** 2004. Variation in the skull of extant turtles: Implications for the fossil record. *Journal of Vertebrate Paleontology* 24(Supplement to 3):38A-39A.
- Bever, G. S.** 2002. Variation in the anuran ilium and its implications for species-level identification of fragmentary fossil specimens. *Journal of Vertebrate Paleontology* 22(Supplement to 3):36A.
- Bever, G. S.** 2001. Craniodental variation in *Canis latrans* and *Canis lepophagus*: What can we do with fragmentary specimens? *Journal of Vertebrate Paleontology* 21(Supplement to 3):34A.
- Bhullar, B. S.** 2007. Developmental and evolutionary insights from the anatomy of *Anolis carolinensis* and other Squamata: Membranes and muscles, tracing the neural crest, and the presence of the "rectus lateralis" in Iguania. *Journal of Morphology* 268:1049.
- Bhullar, B. S.** 2007. The enigmatic fossils *Exostinus* and *Restes*: Resolving the stem and the crown of *Xenosaurus*, the knob-scaled lizards. *Journal of Vertebrate Paleontology* 27(Supplement to 3):48A.
- Bhullar, B. S.** 2006. Postnatal ontogenetic changes in the cranium of *Varanus exanthematicus* with comparisons to other varanoids and applications to the fossil record. *Journal of Vertebrate Paleontology* 26(Supplement to 3):42A.
- Bhullar, B. S.**, A. Scanferla, **G. Bever**, and K. Smith. 2008. A nearly complete macrostomatan snake from the Eocene of Texas. *Journal of Vertebrate Paleontology* 28(supplement to 3):52A.
- Bordbar, D., A. Hendrex, A. M. Hilliard, M. Lionberger, A. Pitaktong, T. Tasneem, and **C. O. George**. 2008. An analysis of spatial relationships of Quaternary cave faunas of Texas using GIS. 111th Annual Meeting of the Texas Academy of Science, Program and Abstracts:125.
- Claeson, K.** 2009. Phylogenetic systematics of the electric rays (Torpediniformes: Batoidea). 2008 Joint Meeting of Ichthyologists and Herpetologists: Society for the Study of Amphibians and Reptiles (SSAR), American Elasmobranch Society (AES), Herpetologists' League (HL), American Society of Ichthyologists and Herpetologists (ASIH).
- Claeson, K. M.** 2009. Systematics of the electric rays (Torpediniformes: Batoidea). Pp. 130-131 in Texas Academy of Science 112<sup>th</sup> Meeting, Texas Tech University @ Junction Llano River Field Station March 5-7, 2009.
- Claeson, K. M.** 2009. Synarcual variation in the purportedly invariable clade, Rajidae. Society of Integrative and Comparative Biology, Annual Meeting.

- Claeson, K. M.** 2008. Angel shark fetuses reveal new information about fossil juvenile relatives. *Journal of Vertebrate Paleontology* 28(Supplement to 3):64A.
- Claeson, K. M.** 2008. Variation of the synarcual in the California Ray, *Raja inornata* (Elasmobranchii: Rajidae). *Evolution and Diversity of Chondrichthyans*. Ichthyolith Issues, Special Publication 11:2
- Claeson, K. M.** 2005. Inside the skull of a primitive bony fish, *Erpetoichthys calabaricus* (Actinopterygii: Cladistia), the ropefish. *Journal of Vertebrate Paleontology* 25(Supplement to 3):45A.
- Claeson, K.** 2004. The skull of *Erpetoichthys calabaricus* (Actinopterygii: Polypteridae), the ropefish. *Integrative and Comparative Biology* 44(6):536.
- Claeson, K. M.** and J. G. Lundberg. 2006. Micro catfish Micro CATscan. P. 37 in 109<sup>th</sup> Annual Meeting of the Texas Academy of Science, Program and Abstracts. (B. Murphy, ed.). Texas Academy of Science, and Texas Parks & Wildlife.
- Claeson, K. M.** and J. G. Lundberg. 2006. Micro catfish Micro CATscan. Society of Integrative and Comparative Biology, Annual Meeting. <http://www.sicb.org/meetings/2006/schedule/abstractdetails.php3?id=72>.
- Claeson, K. M.** and T. Stidham. 2007. First fossil batoids (Elasmobranchii) from the Calvert Bluff Formation (Eocene), Bastrop, Texas. *Journal of Vertebrate Paleontology*, 27 (Supplement to 3):59A
- Claeson, K. {M.},** F. L. Agnolín and S. Apesteguía. 2003. Ceratodontiformes (Pisces: Dipnoi) of Argentina. *Integrative and Comparative Biology* 43(6):866.
- Claeson, K. M.,** J. G. Lundberg, and J. W. Hagadorn. 2006. Anatomy of the Very Tiny: Tomographic insights into morphology of extinct and extant fishes. *Journal of Vertebrate Paleontology*, 26 Supplement to (3):50A.
- Claeson, K. {M.},** C. Underwood, and D. Ward. 2009. A 3-dimensionally preserved fossil guitarfish from the Turonian of Morocco. *Journal of Vertebrate Paleontology* 29 (Supplement to 3):79A.
- Comeaux, R., E. Dunn, and **C. George.** 2007. The *Corbula* Bed and *Salenia texana* zone: Defining an interval between the lower and upper Glen Rose Formation based on faunal analysis and digital data from Canyon Lake, Texas. Pp. 89-90 in 110<sup>th</sup> Annual Meeting of the Texas Academy of Science, Program and Abstracts. (B. Murphy, ed.). Texas Academy of Science, and Texas Parks & Wildlife.
- Criswell, K.,** A. Molineux, and L. Zachos. 2010. Digital tools for mapping geology and paleontology collections. Pp. 157-158 in 113<sup>th</sup> Annual Meeting of the Texas Academy of Science. Program and Abstracts. March 4-6, 2010 Tarleton State University Stephenville, Texas.
- Egberts, S.** 2009. The cranial morphology of the Lower Permian reptiles *Captorhinus aguti*. P. 114 in Texas Academy of Science 112<sup>th</sup> Meeting, Texas Tech University @ Junction Llano River Field Station March 5-7, 2009.
- Egberts, S.** 2008. A morphological study of *Captorhinus aguti* using X-ray computed tomography: New insights on a well-studied species. *Journal of Vertebrate Paleontology* 28(Supplement to 3):74A.
- George, C. O.** 2008. Geographic and temporal constraints on the distribution of Quaternary faunas in Texas. *Journal of Vertebrate Paleontology* 28(Supplement to 3):83A.

- George, C. O.** 2007. An explicit examination of shrew identification and the potential for paleoecology without species-level identifications. *Journal of Vertebrate Paleontology* 27(Supplement to number 3):80A.
- George, C. O.** 2006. Exploring the impact of apomorphic identification of paleoecologic interpretations. *Journal of Vertebrate Paleontology* 26 (Supplement to 3):66A.
- George, C. O.** 2006. Apomorphic identification of fossil and the impact on paleoecologic interpretations. P. 72 in 109<sup>th</sup> Annual Meeting of the Texas Academy of Science, Program and Abstracts. (B. Murphy, ed.). Texas Academy of Science, and Texas Parks & Wildlife.
- George, C. O., and A. Lyon.** 2005. Integrating rock identification with depositional environment to enhance learning in introductory earth science classes. *Geological Society of America Abstracts with Programs* 37(3):9.
- George, C. O., and D. R. Ruez, Jr.** 2004. Mammalian species abundances as climatic indicators in Hall's Cave, Texas. *Geological Society of America Abstracts with Programs* 36(5):95.
- George, C. O., and D. R. Ruez, Jr.** 2004. Mammalian diversity as a climatic indicator in Hall's Cave, Texas. P. 64 in Abstracts of the 107th Annual Meeting of the Texas Academy of Science.
- George, C. O., R. Comeaux, E. Dunn, and A. Molineux.** 2007. Digital methods in field geology: A case study at Canyon Lake Spillway, Comal County, Texas. P. 90 in 110<sup>th</sup> Annual Meeting of the Texas Academy of Science, Program and Abstracts. (B. Murphy, ed.). Texas Academy of Science, and Texas Parks & Wildlife.
- Hipsley, C., J. Müller, **K. {M.} Claeson**, K. Nikolay, and A. Hilger. 2009. Cranial osteology and postnatal ontogeny of the gliding lizard *Holaspis laevis*. *Journal of Vertebrate Paleontology* 29 (Supplement to 3):115A.
- Huffman, O., R. Buffler, J. Kappelman, **D. Ruez**, and Y. Zeim. 2007. Sedimentological and paleogeographical context of the Mojokerto hominin site, east Java. *Journal of Vertebrate Paleontology* 27(Supplement to 3):92A.
- Jarrott, T. and **C. George.** 2006. The taphonomy of *Ilymatogyra arientina* in the Barton creek watershed: Mapping the orientations of new depositional beds. P. 75 in 109<sup>th</sup> Annual Meeting of the Texas Academy of Science, Program and Abstracts. (B. Murphy, ed.). Texas Academy of Science, and Texas Parks & Wildlife.
- Jass, C. N.** 2008. Pleistocene lagomorphs from Cathedral Cave, Nevada. *Journal of Vertebrate Paleontology* 28(Supplement to 3):96A.
- Jass, C. N.** 2007. Arvicoline rodents and chronologic complexity at Smith Creek Cave, Nevada. *Journal of Vertebrate Paleontology* 27 (Supplement to 3):95A.
- Jass, C. N.** 2006. Great Basin biogeography: A new perspective in time. *Journal of Vertebrate Paleontology* 26 (Supplement to 3):82A.
- Jass, C. N.** 2006. An examination of the role of caves as repositories of unique paleontological data. Pp. 72-73 in 109<sup>th</sup> Annual Meeting of the Texas Academy of Science, Program and Abstracts. (B. Murphy, ed.). Texas Academy of Science, and Texas Parks & Wildlife.
- Jass, C. N.** 2005. A re-evaluation of the age assignment of Cathedral Cave, Nevada. *Journal of Vertebrate Paleontology* 25 (Supplement to Number 3):74A.

- Jass, C. N.** 2004. New paleontological investigations at Cathedral Cave, NV. Program and Abstracts of the 107th Annual Meeting of the Texas Academy of Science 2004.
- Kappelman, J., **D. Ruez**, J. De Vos, F. Huffman, and Y. Zeim. 2007. Fossil vertebrates from the relocated 1936 Mojokerto hominin site, east Java. *Journal of Vertebrate Paleontology* 27(Supplement to 3):97A-98A.
- Kennedy, A. M., and **B.-A. S. Bhullar**. 2008. An apomorphy-based identification of the fossil herpetofauna from the Koanaka Hills. P. 124 in 11<sup>th</sup> Annual Meeting of the Texas Academy of Science, Program and Abstracts, March 6-8, 2008, Texas A&M University – Corpus Christi, Corpus Christi, Texas (B. Murphy, ed.). Texas Parks and Wildlife Department.
- Kennedy, A. M., and **B. S. Bhullar**. 2007. Preliminary analysis of the fossil herpetofauna from the Koanaka Hills site, Ngamiland, northwestern Botswana. *Journal of Vertebrate Paleontology* 27(Supplement to 3):98A-99A.
- Kirby, L., M. Ikenehou, R. Kent, and **C. George**. 2006. The taphonomy of *Ilymatogyra arientina* in the Barton creek watershed: Mapping the distal locations using GIS. P. 76 in Abstracts of the 109th Annual Meeting of the Texas Academy of Science.
- Kirby, L., A. Zhang, M. J. Smith, M. DiTraglia, S. Dooti, **D. R. Ruez, Jr.**, and **C. George**. 2005. Ontogenetic patterns in modern snail shells of central Texas. P. 57 in 108<sup>th</sup> Annual Meeting of the Texas Academy of Science, Program and Abstracts, March 3-5, 2005. University of Texas – Pan American, Edinburg, Texas.
- Maga, M.** 2007. The fossil marsupials of central anatolia, and their biogeographical significance. *Journal of Vertebrate Paleontology* 27(supplement to 3):110A.
- Maga, M.** 2006. Virtual marsupials: An attempt for digital reconstruction using extant and fossil marsupials. *Journal of Vertebrate Paleontology* 26(Supplement to 3):93A.
- Maga, M.** 2005. Where to look for more fossils: A GIS approach. *Journal of Vertebrate Paleontology* 25(Supplement to 3):87A.
- Molineux, A., and **C. George**. 2004. Stratigraphy by osmosis: Local fossils as a framework for enquiry. *Geological Society of America Abstracts with Programs* 36(5):351.
- Molineux, A., **C. George**, R. Comeaux, E. Dunn, and W. Ward. 2007. Paleontology in cyberspace: moving museums into digital age specimen collection. *Geological Society of America Abstracts with Programs* 36(5):351.
- Murray, L. K.** 2007. Effects of data improvement techniques on fossil taxonomic distribution in Vallecito Creek-Fish Creek, California. *Journal of Vertebrate Paleontology* 27(Supplement to 3):122A.
- Murray, L. K.** 2005. Development of stratigraphic placement and dating protocols for fossil localities in the Vallecito Creek-Fish Creek Basin, Anza-Borrego Desert State Park, California. *Journal of Vertebrate Paleontology* 25(Supplement to 3):95A.
- Murray, L. K.** 2004. Taxonomic succession in Blancan-Irvingtonian *Canis* from the Anza-Borrego Desert State Park, San Diego County, California. *Journal of Vertebrate Paleontology* 24(Supplement to 3):97A.
- Nance, H.** 2003. Cranial osteology in the Cordyliformes: New parsimony-informative characters found using disarticulated material. *Journal of Vertebrate Paleontology* 23, Supplement to Number 3: 81A.
- Nance, H.** 2002. Using X-ray CT to study the cranial osteology of the rare, basal

- gerrhosaurid lizard, *Angolosaurus skoogi*. *Journal of Vertebrate Paleontology* 22(Supplement to Number 3): 91A.
- Olori, J. {C.}** 2009. Comparative analysis of postcranial ossification sequences across extinct and extant tetrapods. *Journal of Vertebrate Paleontology* 29(Supplement to 3): 158A.
- Olori, J. C.** 2009. Cranial anatomy and ontogeny in *Pantylus cordatus* based on high resolution X-ray computed tomography. Pp. 134 *in* Texas Academy of Science 112<sup>th</sup> Meeting, Texas Tech University @ Junction Llano River Field Station March 5-7, 2009.
- Olori, J. C.** 2008. Postcranial ossification sequence and morphogenesis of *Microbrachis pelikani* (Lepospondyli: Tetrapoda). *Journal of Vertebrate Paleontology* 28(Supplement to 3):123A.
- Olori, J. C.** 2007. Anatomy From The Inside Out: The braincase of *Uropeltis woodmasoni* (Alethinophidea: Uropeltidae) as revealed by high resolution computed tomography. P. 346 *in* Joint Meeting of Ichthyologists and Herpetologists, Saint Louis, Missouri, July 11-16, 2007. Abstract Book (M. A. Donnelly, ed.). American Elasmobranch Society, American Society of Ichthyologists and Herpetologists, Herpetologists' League, and Society for the Study of Amphibians and Reptiles.
- Olori, J. C.** 2007. Details of the skull and braincase of *Uropeltis woodmasoni* (Alethinophidea: Uropeltidae) as revealed by high resolution computed tomography. P. 96 *in* 110<sup>th</sup> Annual Meeting of the Texas Academy of Science, Program and Abstracts. (B. Murphy, ed.). Texas Academy of Science, and Texas Parks & Wildlife.
- Olori, J. C.** 2006. Variation in the vertebral column and tail shield of the Uropeltidae (Serpentes: Alethinophidia). P. 83 *in* 109<sup>th</sup> Annual Meeting of the Texas Academy of Science, Program and Abstracts. (B. Murphy, ed.). Texas Academy of Science, and Texas Parks & Wildlife.
- Ruez, D.** 2007. Stratigraphic changes in the leporids from Hagerman Fossil Beds National Monument, Idaho. *Journal of Vertebrate Paleontology* 27(Supplement to 3):137A.
- Ruez, D., Jr.** 2005. Stratigraphic changes in the Carnivoran assemblage at Hagerman Fossil Beds National Monument, Idaho, and the connection to paleoecology. *Journal of Vertebrate Paleontology* 25(Supplement to 3):107A.
- Ruez, D., Jr.** 2004. On the nature of fossil localities at Hagerman Fossil Beds National Monument, Idaho. *Journal of Vertebrate Paleontology* 24(Supplement to 3):106A.
- Ruez, D.** 2003. Relevance of modern ecosystems to Plio-Pleistocene mammalian paleoecology. *Journal of Vertebrate Paleontology* 23(Supplement to 3):91A.
- Ruez, D. R., Jr.** 2002. New specimens and new interpretations of the Hagerman insectivorans. *Journal of Vertebrate Paleontology* 22(Supplement to 3):101A.
- Ruez, D. R., Jr.** 2001. Cenograms in paleoecology: An evaluation using the Lone Star state. *Journal of Vertebrate Paleontology* 21(Supplement to 3):95A.
- Ruez, D., Jr.** 2000. Dermal roofing osteology of an anomalously small metoposaur skull from the Triassic Dockum Formation. *Journal of Vertebrate Paleontology* 20(Supplement to 3):66A.

- Ruez, D. R., Jr.** 1999. Fossil bison from Lubbock Lake, Texas: Arguments against human butchering. *Journal of Vertebrate Paleontology* 19(Supplement to 3):72A.
- Ruez, D. R., Jr., G. S. Bever,** and **C. N. Jass.** 2002. holocene mammal fauna from Eagle Cave, Val Verde County, Texas. Abstracts of Papers at the Texas Academy of Science Meeting, Laredo, Texas:66.
- Scanferla, A., and **B. S. Bhullar.** 2008. Postnatal developmental aspects of a cretaceous snake, *Dinilysia patagonica*. Proceedings of the Third Latin-American Congress of Vertebrate Paleontology.
- Schneider, C. L., and **D. R. Ruez, Jr.** 2001. A paleoenvironmental conundrum: Vertebrates versus invertebrates in the Late Cretaceous Eagle Ford Formation. *Journal of Vertebrate Paleontology* 21(Supplement to 3):98A.
- Strait, S., **N. Smith,** and T. Penkrot. 2007. The promise of low cost 3D laser scanners. *Journal of Vertebrate Paleontology* 27(Supplement to 3):153A.
- Springer, K., E. Scott, J. Sagebiel, and **L. Murray.** 2007. The Diamond Valley Lake local fauna: Late Pleistocene vertebrates from inland southern California. *Journal of Vertebrate Paleontology* 27(Supplement to 3):151A.
- Stocker, M. R.** 2009. An apomorphic assessment of the vertebrate diversity at the base of the Late Triassic sequence of Texas. *Journal of Vertebrate Paleontology* 29(Supplement to 3):186A.
- Stocker, M. R.** 2008. A reinterpretation of phytosaurian diversity in the Sonsela Member (Chinle Formation) of Petrified Forest National Park and its influences on the evolution of and phylogenetic relationships within Phytosauria. *Journal of Vertebrate Paleontology* 28(Supplement to 3):148A.
- Turner, G. T., P.-C. Lin, **D. Ruez,** R. Jones, and P. W. Whaley. 2003. Paleontological database for the geologic quadrangle maps of Kentucky using Arcview 3.3. Geological Society of America Abstracts with Programs 35(1):67.
- Wheatley, P. V.** 2004. Calcium isotope signatures in bone as a potential biomarker for oviparity. *Journal of Vertebrate Paleontology* 24(Supplement to 3):128A.
- Wheatley, P. V.,** and **D. R. Ruez, Jr.** 2003. Pliocene *Odocoileus* from Hagerman Fossil Beds National Monument, Idaho, and comments on the taxonomic status of *Odocoileus brachyodontus*. *Journal of Vertebrate Paleontology* 23(Supplement to 3):109A.
- Zakrzewski, R. J., and **G. S. Bever.** 2005. Microtids from the Fiene local fauna (Irvingtonian) of Smith County, Kansas. *Journal of Vertebrate Paleontology* 25(Supplement to 3):133A.

**Bell Lab Group, Student Publications -- Other Publications:**

- George, C. O., and E. L. Lundelius, Jr. 2007. Field trip guide. Pp. 1-11 in Late Quaternary Cave Sites of Central Texas (C. O. George, E. L. Lundelius, Jr., and L. Meissner, Compilers.). Society of Vertebrate Paleontology 67<sup>th</sup> Annual Meeting – Field Trip Guidebook.
- George, C. O., E. L. Lundelius, Jr., and L. Meissner, Compilers. 2007. Late Quaternary Cave Sites of Central Texas. Society of Vertebrate Paleontology 67<sup>th</sup> Annual Meeting – Field Trip Guidebook. 48 pp.

### **Invited Presentations and Lectures**

- 'A Journey for a Journeys Seminar.' Elliott T. Bowers Honors College, Sam Houston State University, Huntsville, Texas, 10 October, 2011.
- 'Preconceptions, the Pull of the Recent. And Circularity: A Critical Look at North American Quaternary Vertebrate Faunal Dynamics.' Museum of Natural and Cultural History, University of Oregon, Eugene, Oregon, March, 2011.
- 'Fossil Discoveries from Venezuela Tar Seeps Provide New Insights, Opportunities, and Frustrations.'" Department of Geology, University of Oregon, Eugene, Oregon, March, 2011.
- 'Gray Fossil Site in Review: An Outsider's Perspective.' Gray Fossil Site and East Tennessee State University, Johnson City, Tennessee, April, 2010.
- 'Food For Thought: How Do We Know What We Think We Know About Pleistocene Fossils?' Center For Inquiry - Austin, November, 2008.
- 'Evolutionary Morphology in the Service of Paleontology: Opportunities and Challenges.' Western Association of Vertebrate Paleontologists, Flagstaff, Arizona. February, 2008.
- 'Applications of Phylogenetics to Quaternary Vertebrate Paleontology: Linking Paleontological and Neontological Approaches to Vertebrate Diversity and Faunal Dynamics.' Invited Lecture, Department of Biological Sciences, Sam Houston State University, Huntsville, Texas. November, 2007.
- 'Apomorphies, preconceptions, the pull of the recent, and circularity: A critical look at North American Quaternary vertebrate faunal dynamics.' Invited lecture, E. L. Lundelius Symposium on Quaternary Faunal Dynamics, 2007 Annual Meeting of the Society of Vertebrate Paleontology, Austin, Texas.
- 'Phylogenetic Trees, Apomorphies, and South American Quaternary Vertebrate Paleontology: Research Opportunities and Challenges in the 21<sup>st</sup> Century.' Invited Lecture, Instituto Venezolano de Investigaciones Científicas, Caracas, Venezuela. April, 2007.
- 'Phylogenetic Approaches to Quaternary Vertebrate Paleontology: Potential Applications.' Invited Lecture, paleontology Section, Queensland Museum, Queensland, Australia. May 2006.
- 'Exploring Temporal and Spatial Bias in Museum Collections: An Example Using the Colubrid Snake *Sonora semiannulata*.' Invited Lecture, Department of Terrestrial Vertebrates, Western Australian Museum, Perth, Western Australia, Australia. June, 2005.
- 'Implications of Faunal Provinciality for North American Biochronology.' Invited lecture, Quaternary Sciences Program, Northern Arizona University. April, 2005.
- 'Phylogenetic systematics and Quaternary Paleontology.' Invited lecture, Department of Geoscience, University of Iowa. April, 2003.
- 'North American Reptiles of the Pleistocene.' Invited lecture, Central Texas Paleontology Society. February, 2003.
- 'Alternative approaches to Quaternary Paleontology.' Invited lecture, Quaternary Sciences Program, Northern Arizona University. February, 2003.

- ‘North American Quaternary Squamata: Re-evaluation of the stability hypothesis’ (**C. J. Bell** and J. A. Gauthier); Special Symposium ‘Recent Advances in Lepidosaurian Evolution and Systematics,’ 62<sup>nd</sup> Annual Meeting of the Society of Vertebrate Paleontology, 2002.
- ‘Constraint, homoplasy, and informativeness in the evolution of the medial aperture of the recessus scalae tympani in lizards’ (J. A. Gauthier and **C. J. Bell**); Special Symposium ‘Recent Advances in Lepidosaurian Evolution and Systematics,’ 62<sup>nd</sup> Annual Meeting of the Society of Vertebrate Paleontology, 2002.
- ‘The changing face of Pleistocene arvicoline rodent biochronology;’ Invited Lecture, Department of Geology, Northern Arizona University, Flagstaff, Arizona. March, 1998.
- Invited to give a short course on cladistic methodology, Quaternary Sciences Program, Northern Arizona University, Flagstaff, Arizona. March, 1998.
- Invited to give a short course on squamate reptile systematics, Quaternary Sciences Program, Northern Arizona University, Flagstaff, Arizona. March, 1998.
- ‘Climatic fluctuations and the evolution of mammalian communities’ (A. D. Barnosky, E. A. Hadly, and **C. J. Bell**); American Quaternary Association, 14<sup>th</sup> Biennial Meeting, 1996.

#### **Other Presentations/Lectures**

- 2010 UT Paleontology Brown Bag Lunch Series: “The Gray Fossil Site in Tennessee: An Outsider’s Perspective.” May, 2010.
- 2008 Dean’s Scholars Friday Luncheon, UT Austin: “New Fossil Discoveries from Venezuela Tar Seeps.” June, 2008.
- 2008 Undergraduate Geology Society, UT Austin: “Student / Faculty Interactions” (discussion), February, 2008.
- 2007 Texas Natural Science Center Teacher Training Workshop on Evolution ‘Exploring Intelligent Design’ August, 2007.
- 2006 Austin Chapter, Sierra Club. ‘Texas: Past, Present, Future (Observations and Assumptions in Interpretation of the Past).’
- 2006 Women in Science. ‘Fossil discoveries in tar seep of Venezuela.’
- 2006 Austin Geological Society, Spring, 2006. ‘Developing a World-Class Biocomplexity Resource Centered on the Pleistocene Menes of Venezuela.’
- 2005 Odyssey Continuing & Extended Education Natural History Lecture Series; course entitled Texas Ecology: From Fossils to the Future; lecture “Texas: Past, Present, and Future.” March, 2005.
- 2005 Anthropology Society, UT Austin “Middle Pleistocene Vertebrate Paleontology in the East-Central Great Basin.” February, 2005.
- 2004 Women in Natural Sciences evening lecture “Pleistocene Paleoecology in the Intermountain West.” November, 2004.
- 2004 Sixth Symposium on the Natural Resources of the Chihuahuan Desert Region, October 14-17, 2004. ‘The use of museum collections to evaluate change in species distribution and community structure: a west Texas case study (T. J. LaDuc and C. J. Bell).



C. J. Bell

- 2004 UT Austin Dean's Scholars luncheon lecture "Paleontological investigations in Cathedral Cave, Nevada." July, 2004.
- 2004 UT Austin Undergraduate Geology Society "Why is Paleontology a Required Part of the Geological Sciences Curriculum?"
- 2003 Bell, C. J., and J. A. Gauthier. 2003. North American Quaternary Squamata: Re-evaluation of the stability hypothesis. (The Ecological Society of America 88<sup>th</sup> Annual Meeting, Abstracts Volume, p. 26).
- 2003 Central Texas Paleontology Society 'Alternative Approaches to Quaternary Paleontology.' February, 2003.
- 2001 Annual Meeting of the Society for the Study of Evolution, Knoxville, Tennessee, June, 2001. 'Dating the origin of New World voles with multiple rates and calibration dates' (C. J. Conroy, E. A. Hadly, and **C. J. Bell**).
- 2000 Austin Geological Society, Spring, 2000. 'Revising Pleistocene Biochronology.'
- 2000 Society of Vertebrate Paleontology Annual Meeting 'Evolution and dispersal in arvicoline rodents: reconciling molecular and paleontological data' (C. J. Conroy, E. A. Hadly, and **C. J. Bell**).
- 2000 Joint meeting of the Society for the Study of Evolution, the American Society of Naturalists, the Society of Systematic Biologists, and the Association of Tropical Biologists, Bloomington, Indiana, 23-27 June, 2000. 'Rates and dates: molecular and paleontological perspectives on evolution in arvicoline rodents' (C. J. Conroy, E. A. Hadly, **C. J. Bell**).

### **Professional Affiliations**

American Quaternary Association  
American Society of Ichthyologists and Herpetologists  
Herpetological Association of Africa  
Herpetologists' League  
International Society for the History and Bibliography of Herpetology  
North Dakota Natural Science Society  
Paleontological Society  
Society for the Study of Amphibians and Reptiles  
Society for the Study of Mammalian Evolution  
Society of Southwestern Naturalists  
Society of Systematic Biologists  
Society of Vertebrate Paleontology  
Southwestern Association of Naturalists  
Texas Academy of Science  
Western Australian Naturalists' Club

### **Professional Activities and Service**

Secretary, Society of Vertebrate Paleontology (September, 2009 – present).  
Editor, *Bibliotheca Herpetologica* (Journal of the International Society for the History and Bibliography of Herpetology) (Fall, 2008 – present).

C. J. Bell

Editor, Scientific Publications series of the Texas Natural Science Center (Formerly Texas Memorial Museum), The University of Texas at Austin (Spring, 2008 – present).

Section Editor (Vertebrate Paleontology), *Current Research in the Pleistocene* (Spring, 2010 – present).

Member, Editorial Board, *Asiatic Herpetological Research* (1998 – 2004; 2006 - present).

Member, Field Conferences Committee for the Society of Vertebrate Paleontology (September, 2010 – present).

Member, Development Committee, Society of Vertebrate Paleontology (summer, 2005 – September, 2010).

Member, Ad Hoc Committee on Awards and Funds, Society of Vertebrate Paleontology (Spring, 2010)

Participant, Invited Workshop on Use of the Fossil Record for Calibration of Molecular Clocks, Bristol, England. Sponsored by Biodiversity Synthesis Center, Field Museum of Natural History (September, 2009).

Chair, Host Committee for the 2007 Society of Vertebrate Paleontology Annual Meeting (held in Austin); (official responsibilities began in July, 2005) 2005 – 2007.

Member, Publications Committee, Society of Vertebrate Paleontology (2002 - 2005).

Member, Student Poster Prize Committee, Society of Vertebrate Paleontology (1998 - 2005).

Editor, *Journal of Vertebrate Paleontology* (2003 - 2004).

Member, Estes Award Committee, Society of Vertebrate Paleontology (1999 - 2003).

Associate Editor, *Journal of Vertebrate Paleontology* (1998 - 2002).

Southwestern Region Editor, *Society of Vertebrate Paleontology News Bulletin* (1998 - 2002).

Member, Program Committee, Society of Vertebrate Paleontology (1996).

Editor, *PaleoBios* (April, 1994 - April, 1995).

Assistant Editor, *PaleoBios* (April, 1993 - April, 1994).

**Reviewer of Professional Papers for Journals** (multiple reviews not listed, does not include manuscripts handled as Editor)

*Acta Paleontologia Polonica*  
*Acta Zoologica*  
*American Museum Novitates*  
*Annals of Carnegie Museum*  
*Asiatic Herpetological Research*  
*Bulletin, Société Géologique de France*  
*Biology Letters*  
*Bonner Zoologische Monographien*  
*Bulletin of the American Museum of Natural History*  
*Canadian Journal of Zoology*  
*Conservation Biology*  
*Copeia*  
*Cretaceous Research*

C. J. Bell

Evolutionary Ecology Research  
Genetica  
Geological Society of America Special Papers  
Historical Biology  
Illinois State Museum Scientific Publications  
Journal of Biogeography  
Journal of Cave and Karst Studies  
Journal of Herpetology  
Journal of Mammalian Evolution  
Journal of Mammalogy  
Journal of Morphology  
Journal of Paleontology  
Journal of South American Earth Sciences  
Journal of Systematic Paleontology  
Journal of the Royal Society of New Zealand  
Journal of Vertebrate Paleontology  
Journal of Zoology (London)  
Museum of Northern Arizona Bulletin  
National Speleological Society  
Natural History Museum of Los Angeles County Contributions in Science  
Neues Jahrbuch für Geologie und Paläontologie  
New Mexico Geology  
Palaios  
Paludicola  
Paleobiology  
PaleoBios  
Palaeogeography, Palaeoclimatology, Palaeoecology  
Palaeontologia Electronica  
PLoS ONE  
Proceedings of the Royal Society of London, Series B, Biological Sciences  
Quaternary International  
Quaternary Research  
Quaternary Science Reviews  
San Bernardino County Museum Association Quarterly  
Southwestern Naturalist  
Transactions of the American Philosophical Society  
University of California Publications in Zoology  
Western North American Naturalist  
Zoological Journal of the Linnean Society  
Zoologie

**Reviewer of Professional Papers for Books, Edited Volumes, etc.**

Biology of the Reptilia  
Idaho Museum of Natural History (John White Festschrift)  
Proceedings of the 6<sup>th</sup> Symposium on the Natural Resources of the Chihuahuan Desert

C. J. Bell

Robert L. Carroll Festschrift Volume  
University of California Press (book chapter)

**Reviewer of Professional Book Proposal**

The University of California Press

**Reviewer of Professional Research Proposals**

National Science Foundation Proposal, Sedimentary Geology and Paleobiology Program,  
October, 2011

National Science Foundation Proposal, Sedimentary Geology and Paleobiology Program,  
September, 2008.

National Science Foundation Proposal, Biodiversity Surveys and Inventories Program,  
March, 2007.

National Science Foundation Proposal, Biotic Surveys & Inventories Program,  
September, 2003.

National Science Foundation Proposal, Geology & Paleontology Program, September,  
2003.

National Science Foundation Proposal, Geology & Paleontology Program, August, 2003.

National Science Foundation Proposal, Arctic Natural Sciences Program, April, 2003.

National Science Foundation Proposal, Geology & Paleontology Program, January, 2002.

National Science Foundation Proposal, Ecological & Evolutionary Physiology Program,  
March, 2001.

National Science Foundation Proposal, Biotic Surveys and Inventories Program,  
February, 2000.

National Science Foundation Proposal, Biological Research Collections Program,  
January, 2000.

National Science Foundation Proposal, Systematic Biology Program, April, 1998.

**Departmental and Jackson School of Geosciences Service**

Geology Library Faculty Liaison, Fall, 1999 – present.

Chair, Graduate Admissions & Support Committee, April, 2009 – present.

Co-Supervisor (with Bill Carlson), JSG Undergraduate Research Honors Program, Fall,  
2005 – December, 2011.

Member, Environmental Science Degree Coordination Committee, Spring, 2011 –  
Summer, 2011

Participant, Prospective Student Weekend, Jackson School of Geosciences, Spring, 2011

Leader, discussion with new faculty on graduate program, admissions, and support.  
March, 2010.

Member, Graduate Admissions Committee, September, 2005 – April, 2009.

Member, Consultative Committee for Selection of a New Dean of the Jackson School of  
Geosciences, Fall, 2008 – Spring, 2009.

Chair, Paleontology ERG (formerly Curricular Group), September, 2005 – April, 2009.

Member, Ad Hoc Committee for SACS accreditation, graduate degree programs,  
Summer, 2008.

C. J. Bell

- Member, Ad Hoc Committee for SACS accreditation, undergraduate degree programs, Summer, 2008.
- Member, Search Committee for Exploration Geophysics faculty hire, Fall, 2007 – Spring, 2008.
- Member, Search Committee for Geoscience Education faculty hire, Fall, 2007 – Spring, 2008.
- Participant, Advisory Council Subcommittee discussion on Undergraduate and Graduate Student Affairs. 3 April, 2008.
- Faculty host, Prospective undergraduate student visitation, February, 2008.
- Faculty Participant, JSG Alumni Reception, Dallas, TX, October 24, 2007.
- Chair, Host Committee for the 2007 Society of Vertebrate Paleontology Annual Meeting (held in Austin); (official responsibilities began in July, 2005) 2005 – October, 2007.
- Chair, Curriculum Reform Committee considering new Degree Options in Geological Sciences, Summer, 2007 – September, 2007.
- Member, Curriculum Reform Committee considering General Geology BS option, Fall, 2007 – September, 2007.
- Participant, Welcome Reception for Jackson School of Geosciences incoming class, Fall, 2007.
- Member, Search Committee for Department Chair, Department of Geological Sciences, Spring, 2007.
- Participant, Spring Advisory Council Meeting Reception and Dinner, March 2007.
- Chair, Graduate Student Support Committee, September, 2003 – November 2006.
- Participant, University at 123 and Installation of President Powers, September, 2006.
- Member, Undergraduate Program Committee, Spring, 2006 – Fall, 2006.
- Member, JSG Endowment Committee, Fall, 2005 – Summer, 2006.
- ‘Walk Through Time’ exhibit, March, 2006 ‘Explore UT’ open-house (collaboration with John Kappelman, Department of Anthropology).
- Introductory lecture on JSG, Prospective Graduate Student Visitation, March, 2006.
- Faculty Host, visiting scholar Susan Evans (University College London), February, 2006.
- Faculty host, Technical Sessions speaker H. G. McDonald, U.S. National Park Service, February, 2006.
- Co-Coordinator, JSG Workshop “Establishing a Major Program on the Quaternary Paleontology of Menes in Venezuela”, Fall, 2005 – Spring 2006 (held February, 2006).
- Member, Ad Hoc Committee on Undergraduate Curriculum Enrichment, Fall, 2005 – Spring, 2006.
- Graduation Announcer, JSG Graduation Ceremony, December, 2005.
- Member, Ad Hoc Committee on Undergraduate Catalog Revisions, Summer 2005 – Fall, 2005.
- Faculty escort and co-host (with Ernie Lundelius) of Drs. Martin Sander and Wighart von Koenigswald, and 14 students from Bonn. Germany; this included a field trip to Friesenhan Cave. September, 2005.
- Member *ex officio*, Graduate Admissions Committee, September, 2003 – August 2005.
- Faculty Sponsor and host, Langston Lecturer in Vertebrate Paleontology (Greg Erickson, Florida State University), Spring, 2005.

C. J. Bell

In April, 2005, I accompanied my student Gabe Bever to Houston to attend a reception and dinner honoring him as the Department recipient of the Houston Geological Society Outstanding Student award.

Member, Ad Hoc Advisory Committee on Research Scientist hires, Spring, 2005.

Member, Search Committee for Associate Chair, November, 2004 – January, 2005.

Associate Chair, August, 2003 – August, 2004.

Faculty host, G. J. Wasserburg, Barnes distinguished lecturer, March, 2004 (host for one morning).

Faculty Sponsor, Langston Lecturer in Vertebrate Paleontology (Elizabeth Hadly, Stanford University), Spring, 2004..

Tech Sessions New Student Introductions, August, 2003.

Departmental TA Assignments coordinator: July-August, 2003.

Member, Graduate Admissions and Support Committee, Spring, 1998 – August, 2003 (GASC reorganized out of existence in August, 2003).

Member, Search Committee for Cluster Hire in Environmental Science (Fall, 2002 - Spring, 2003); Committee on hold as of March, 2003.

Member, Faculty Review Committee, August, 2000 - September, 2001 (committee dissolved as part of organization of the Jackson School of Geosciences).

Member, ad hoc committee on laboratory classroom space for the new John A. and Katherine G. Jackson Geological Sciences Building, Spring, 2001.

Member, Search Committee for hire in Exploration Geophysics (Fall, 2000/Spring, 2001).

Faculty sponsor, Vertebrate Paleontology Discussion Group, Fall, 1997 – 2000.

Co-coordinator, Lundelius Symposium on Quaternary Vertebrate Paleontology, November, 1999.

### **Service to University and College of Natural Sciences**

Member, Steering Committee for the Bridging Disciplines Program (through the office of the Dean of Undergraduate Studies), Fall, 2006 – present .

Chair, Faculty Advisory Panel for ‘The Environment’ Bridging Disciplines Program, August, 2004 – present.

Chair, University Library Committee, Fall, 2009 – Summer, 2011

Member, Chancellor's Teaching Award Committee, Spring, 2009 – 2011.

Invited Speaker, Bridging Disciplines Certificate Ceremony, May, 2011

Faculty participant, Bridging Disciplines Program Certificate Ceremony, December, 2010.

Member, Faculty Committee to Develop Interdisciplinary Environmental Science Degree, Fall, 2007 – Summer, 2010.

Campus Representative, Association of American Colleges & Universities, August, 2004 – Spring, 2010.

Faculty participant, Bridging Disciplines Program Certificate Ceremony, May, 2010.

Member, Faculty Council, May 2006 – December, 2009.

Member, Ad Hoc Faculty Consultation Committee on University plan to utilize Brackenridge Track; Fall, 2008 – Summer, 2009.

Vice-Chair, University Library Committee, Fall, 2008 – Summer, 2009.

Faculty participant, Bridging Disciplines Program Certificate Ceremony, May, 2009.  
Member, Faculty Grievance Hearing Pool, Fall, 2008 – Spring, 2009.  
Member, University Library Committee, Fall, 2007 – Fall, 2008.  
Member, Environmental Sciences Institute, Undergraduate Curriculum Development Committee, Fall, 2000 – Fall, 2007.  
Faculty participant, Bridging Disciplines Program Certificate Ceremony, May, 2007.  
Member, Faculty Grievance Committee, Fall, 2006 – Spring, 2007.  
Faculty Participant, Roden Engineering Program Scholars Interdisciplinary Dinner, March, 2007.  
Welcome Reception for Longhorn Scholars (Connexus Program), Fall, 2006.  
Member, Provost's Signature Experience Vision Committee (through the Provost's office), May, 2006 – Summer, 2006.  
Member, Steering Committee for the Connexus Programs (through the Provost's office), August, 2005 – Fall, 2006.  
Faculty participant, Bridging Disciplines Program Certificate Ceremony, May, 2006.  
Faculty participant, Bridging Disciplines Program Reception, February, 2006.  
Member, Search Committee, Integrative Biology/Environmental Science Institute Ecology job search, Fall, 2005 – Spring, 2006.  
Member, Faculty Advisory Panel for 'The Environment' Bridging Disciplines Program, Fall, 2001 – August, 2004 (took over as Chair in 2004).  
Faculty participant, Women in Natural Sciences Honors Dormitory – new students reception, August 31, 2005.  
Faculty participant, Bridging Disciplines Program Certificate Ceremony, May, 2005.  
Faculty participant, Bridging Disciplines Program Reception, February, 2005.  
Faculty participant, Women in Natural Sciences Honors Dormitory – new students reception, August 27, 2004.  
Member, ORU Review Sub-committee, Plant Resources Center (Bob Jansen, Chair), March-April, 2004.  
Faculty participant, UT General Libraries Library Summit meeting, March, 2004.  
Guest of Honor, 'Dinner with Faculty' program, Women in Natural Sciences Honors Residential Students, March 8, 2004.  
'Walk Through Time' exhibit, March, 2004 'Explore UT' open-house (collaboration with John Kappelman, Department of Anthropology).  
Member, ESI Cluster-hire review committee for faculty search in Integrative Biology, February-March, 2004.  
Member, Women in Natural Sciences (WINS) seminar, faculty discussion panel, October 20, 2003.  
Special lecture "Defining Science" given to Environmental Sciences Institute NSF-REU program participants, July 16, 2003.  
Discovering Fossils exhibit, March 2003 'Explore UT' open-house.  
'Walk Through Time' exhibit, March, 2003 'Explore UT' open-house (collaboration with John Kappelman, Department of Anthropology).  
Member, CNS Information Technologies Committee, Fall, 2001 – Summer, 2002.  
Fossil Mammals exhibit, March, 2002 'Explore UT' open-house.  
Faculty participant, CNS welcoming event 'Gone to Texas' August, 2001.

C. J. Bell

Innovative Instructional Technologies Awards Program, competition judge, Spring, 2001.  
Discovering Fossils exhibit, March, 2001 'Explore UT' open-house.  
Faculty participant, CNS welcoming event 'Gone to Texas' August, 2000.  
Tour guide for tour of UT Vertebrate Paleontology Laboratory taken by Texas  
distinguished science teachers, February, 2000.  
Mammals Exhibit, 1999 UT Interactive.

### **Public Service/Outreach**

Leader, half-day workshop, "Teaching for Conceptual Change in K-12 Biology Instruction" for K-12 teachers in the Austin area, 1 May, 2010  
Leader, half-day workshop "Exploring Creationism, Science, and Intelligent Design" for K-12 Teachers in Port Aransas area, 9 April, 2010.  
Leader, half-day workshop "Exploring Creationism, Science, and Intelligent Design" for K-12 Teachers from Austin and Port Aransas, 31 October, 2009.  
Leader, half-day workshop "Exploring Creationism, Science, and Intelligent Design" for K-12 Teachers in Austin area, 10 January, 2009.  
Leader, half-day workshop "Exploring Creationism, Science, and Intelligent Design" for K-12 Teachers in Port Aransas area, 7 January, 2009.  
Leader, Teacher's workshop on the nature of the fossil record, associated with ESI Outreach Lecture, 4 April, 2008.  
Leader, half-day workshop on Science, Creationism, Evolution, and Intelligent Design for seven K-12 teachers in Port Aransas Area, 28 March 2008.  
Leader, half-day workshop on Science, Creationism, Evolution, and Intelligent Design for 28 central Texas K-12 teachers, 21 March 2008.  
One of my students (Christian George) and I worked with the J.B. Connally High School Science Olympiad team in Spring, 2003, to help them prepare for the 'Fossil event' in the Science Olympiad. The team subsequently won the gold medal for that event.  
Public relations activities centered on responding to e-mails, letters and visits from City, State and National residents inquiring about fossil discoveries, paleontology, and education issues involving life sciences and paleontology. This is a fairly constant activity, currently averaging about one contact per week.  
Discovering fossils exhibit/interpretation; prior to Outreach Lecture Series presentation by Leon Long on Geological Wonders of Central Texas (March, 2002).  
Fossil exhibit/interpretation, Texas Memorial Museum reception following department Outreach Lecture Series presentation by Rich Kyle on The Geology of Texas (March, 2000).

### **Courses Taught**

BDP 101: Forum Seminar, Bridging Disciplines Program in the Environment: Spring, 2010; Spring 2011; Spring 2012.  
BIO 471G Natural History Museum Science: Fall, 2002, Fall, 2003 (co-taught with Dean Hendrickson).  
CXS 318/NSC 318 The Science of Wonder: Fall, 2006 (co-taught with Dean Hendrickson).  
FS 318 The Science of Wonder: Fall, 2004 (co-taught with Dean Hendrickson).



- GEO 405 Life Through Time: Fall, 1997 (co-taught with E. Lundelius).  
GEO 405 Life Through Time: Fall, 1998; Fall, 1999; Fall, 2000; Fall, 2001; Fall, 2002;  
Fall, 2003; Fall, 2004; Fall 2005; Fall, 2006, Fall, 2007.  
GEO 322V/389R (= GEO 371C/391) Morphology of the Vertebrate Skeleton: Spring,  
1998; Fall, 1999; Fall, 2001; Spring, 2004; Spring, 2006; Spring, 2009; Fall, 2011.  
GEO 171H, 172H, 173H, 379H: Research Methods Seminar for Undergraduate Research  
Honors Program, Jackson School of Geosciences (co-taught with primary instructor  
Bill Carlson;): Fall, 2006; Spring, 2007; Fall, 2007; Spring, 2008; Fall, 2008; Spring,  
2009; Fall, 2009; Spring 2010; Fall, 2010; Spring, 2011. Fall, 2011.  
GEO 302M (formerly 302K) The Age of Mammals: Fall, 1998; Spring, 2000; Spring,  
2001; Spring, 2002; Spring, 2003; Spring, 2008; Spring, 2010; Spring, 2011; Spring,  
2012.  
GEO 171C Research Methods (new JSG Undergraduate Research Honors Program  
course): Spring, 2006 (co-taught with primary instructor Bill Carlson).  
GEO 391 Exploring Intelligent Design, Spring, 2006.  
GEO 391 Squamate Morphology and Systematics: Spring, 2000, Fall, 2007.  
GEO 391 Turtle Morphology and Systematics: Fall, 2000.  
GEO 391 Vertebrate Skeletal Preparation Techniques: Spring, 2005.  
GEO 391 Being a Scientist in the 21<sup>st</sup> Century American Culture War: Spring, 2011  
NSC 110 Dean's Scholars Seminar: Fall, 2002; Spring, 2003; Fall, 2003; Spring, 2004;  
Fall, 2004; Spring, 2005; Fall, 2005; Spring, 2006; Fall, 2006.  
UGS 302 (Signature Course) Origin and Early Evolution of Life on Earth (co-taught with  
Phil Bennett); Fall, 2008.  
UGS 303 (Signature Course) Difficult Dialogues: Intelligent Design, Evolution,  
Creationism, and Science: Exploring the 'Culture War' in 21<sup>st</sup> Century America; Fall,  
2009; Fall, 2010  
Undergraduate independent studies: Melissa Gunter (Fall, 2000), Elissa Wells (Spring,  
2001), Michael Osborne (Spring, 2004), Rebecca Comeaux (Spring, 2007), Joey  
Carlin (Spring, 2009).

### **Other Teaching Activities**

- BIO 455L Vertebrate Natural History, Waller creek snake telemetry lab, Fall, 2008.  
BIO 137 Teaching Evolution, guest lecture, Fall, 2006.  
BIO 371G 'Natural History Museum Science' three lectures, Fall 2000; three lectures,  
Fall, 2001; three lectures, Fall, 2009.  
BIO 386 Global Environmental Change, guest lecture, November, 2006.  
EVS 311 Research Methods in Environmental Science, guest lecture, Spring, 2011  
FS 118 'The Science of Environmental Change' guest lecture, February, 2004.  
FS118 'The Science of Environmental Change' guest lecture, January, 2003.  
FS118 'The Science of Environmental Change' guest lecture, January, 2002.  
GEO 302E 'Earth, Wind, and Fire' three guest lectures, Spring, 2001; one guest lecture,  
Spring, 2005.  
GEO 422K 'Plate Tectonics and Earth History' two guest lectures, Spring, 2006.  
GEO 381R 'Geologic Evolution of the Great Basin', one lecture, Spring, 2005.  
GEO 391 Geomicrobiology, two guest lectures, Fall, 2008; 1 guest lecture, Fall, 2010

C. J. Bell

GEO 392M 'Modern Geological Sciences' one lecture, Fall, 2000; two lectures, Fall, 2001; two lectures, Fall, 2002; two lectures, Fall, 2004; one lecture, Fall, 2005; one lecture, Fall, 2006; one lecture, Fall, 2007; one lecture, Fall, 2008; one lecture, Fall, 2009.

GEO 298T: One lecture, 2008 (with Sharon Mosher and Bill Carlson); One lecture, Fall, 2009 (with Bill Carlson); one lecture, Fall, 2010 (with Bill Carlson); one lecture, Fall, 2011 (with Bill Carlson).

NSC 301C: Research Methods for FRI one lecture, Fall, 2009

### **Undergraduate Geological Sciences Honors Thesis Supervisor**

Joseph Carlin: Volumetric Analysis of the Bony Labyrinth of Bats: Apparent Reduction in the Evolution of the Vestibular Apparatus. Spring, 2007 – Spring, 2009.

Rebecca Comeaux: A Detailed Morphological Analysis of the Uropeltid Snake *Plectrurus aureus* Beddome, 1880 Incorporating X-Ray Computed Tomography. Spring, 2006 – Spring, 2007.

Elizabeth Dunn (Co-Supervisor with primary supervisor Ann Molineux): Charlotte's Reef: A Lower Cretaceous Patch Reef of the Glen Rose Formation Near Canyon Lake, Texas. Spring, 2006 – Fall, 2006.

Michael Osborne: Mineralogy of Excavated Sediments from Cathedral Cave, White Pine County, Nevada. Fall, 2003 – Spring, 2004.

### **Undergraduate Geological Sciences Honors Thesis Committee Member**

Jennifer Denbow: Thermophilic Chemoautolithotrophic Arsenite-Oxidizing Bacterium Enriched from the El Tatio Geyser Field, Northern Chile. Fall, 2007 – Spring, 2007.

Christian Dohse: Textural Variability of Barnett Shale Concretions and Carbonate Lithologies; Fort Worth Basin and Llano Uplift, Texas. Spring, 2007.

### **Plan II Undergraduate Honors Thesis Supervisor**

Sanjita Ravishankar: K/T Boundary Extinction Dynamics and the Evolution of Birds: Fall. 2005 – Spring, 2006.

### **Plan II Undergraduate Honors Thesis – Second Reader**

James Kahn: The Impact of Climate Change on Human Health in the Arctic. Fall, 2005.

Rachel Menegaz: Functional Convergence of the Haplorhine Postorbital Septum and Strigiform Postorbital Process. Fall, 2006.

### **Independent Undergraduate Research Project Supervisor**

Abayomi Olufowoshe: Description of a Miocene Cetacean from the Eastover Formation, Virginia. Spring, 2009 – Fall, 2010.

Robert Burroughs: Morphological variation in *Terrapene coahuila*, and its implications for evolutionary dynamics with *Terrapene*. Spring, 2008 – Summer, 2010.

Rebekah Rylander: Radio-telemetry of water snakes in Waller Creek, UT Campus. Fall, 2008 – Spring, 2009 (I co-supervised with Travis LaDuc).

Jacob Hendrickson: Photo-documentation and digital mapping of Waller Creek, central UT Campus. Spring, 2006 – Spring, 2009.

C. J. Bell

David Bradley: Species boundaries in the arvicoline rodents of the genus *Phenacomys*.  
Spring 2008.

Divya Balakrishnan: Fossil Pleistocene Rodents, Oligocene fossil box turtle. Spring,  
2006 – Fall, 2007.

James Pape: Mammalian fauna from Cathedral Cave, Nevada. 2005.

Holly Nance: HRCT Analysis of the Cranial osteology of *Angolosaurus skoogi*. 2001.

Melissa Gunter: Cranial anatomy of the African lungfish, *Protopterus annectens*.  
1999 – 2001.

Calvin Lee: Cranial osteology and systematic position of *Angolosaurus skoogi*  
(Squamata: Gerrhosauridae). 1999 - 2000.

### **Faculty Supervisor, Undergraduate Connecting Experience for Environment BDP**

Natasha Mevs-Korff, Summer, 2011 (Intern, Reforesta, Puerto Rico)

Yishuen Lo, Fall, 2010 (Intern, Banks Environmental Data).

Arianna Nassiri, Fall, 2010 (Intern, Environment Texas).

Andrea Tapia, Summer, 2010 (Intern, Carlos M. Ramirez TechH2O Center, el Paso,  
Texas).

Nancy Shackelford, Spring, 2008 (Zara Environmental, Cave and Karst biofaunal survey  
and biomonitoring).

James Pape, Spring, 2006 (Fossil mammals from Cathedral Cave, Nevada).

Susan Clapsaddle, Fall, 2005 (Estimating Relative Abundance of Cave Biota).

Laura Naski, Spring, 2005 (Paleoecological reconstructions).

Amanda Towler, Spring, 2005 (Campus Recycling Initiatives).

Hillary Fairchild, Fall, 2004 (Invertebrate Fossil Curation, TMM NPL).

Anna-Laura Sherrard, Fall, 2004 (Campus Greenhouse Gas Emissions Inventory).

### **Supervisor/Co-Supervisor, Postdoctoral Research Fellow**

Ascanio Rincón; Project title: 'Pleistocene Mammal Fauna from Mene de Inciarte Tar  
Seep, Estado Zulia, Venezuela.' October, 2005 – October, 2006.

Jason J. Head; Project title: 'Morphological Phylogeography of Erycine Snakes:  
Recovering the Historical Relationship Between Fauna and Environment.' NSF  
Postdoctoral Research Fellowship in Biological Informatics; NSF 98-162. Other co-  
sponsors are P. David Polly (Queen Mary College, University of London), and Anna  
K. Behrensmeyer (National Museum of Natural History, Washington, D.C.). June,  
2002 - 2005.

### **New Paleontology Graduate Student Mentor (does not include students who remained under my supervision)**

Heather Ahrens (Fall, 2007)

Eric Ekdale (Fall, 2002)

### **Thesis Supervisor (Ph.D. Theses)**

Gabriel Bever (Department of Geological Sciences, UT Austin) Fall, 2000 – Fall, 2006.

Postdoctoral research fellow at the American Museum of Natural History, New York  
City from 2006-2008; Postdoctoral research fellow at Yale University 2008-2010.

Now on faculty at the New York College of Osteopathic Medicine of New York Institute of Technology in New York City.

Kerin Claeson (Department of Geological Sciences, UT Austin) Fall, 2005 – Spring, 2010. Now Instructor of Anatomical Sciences in the Department of Biomedical Sciences, and Postdoctoral Researcher in Residence in the Center for Ecology & Evolutionary Studies, Ohio University, Athens, Ohio.

Will Gelnow (Department of Geological Sciences, UT Austin) Fall, 2011 – present.

Christian O. George (Department of Geological Sciences, UT Austin) Fall, 2002 – present.

Christopher N. Jass (Department of Geological Sciences, UT Austin) Fall, 2000 – Fall, 2007. Now Curator of Quaternary Paleontology, Royal Alberta Museum, Edmonton, Alberta, Canada.

Alicia Kennedy (Department of Geological Sciences, UT Austin) Fall, 2011 – present.

Ali Murat Maga (Department of Geological Sciences, UT Austin) Fall, 2004 – Fall, 2008. Now on post-doctoral appointment at the University of Washington Medical School, Pediatrics Department, Division of Craniofacial Medicine, Seattle, Washington.

Lyndon K. Murray (Department of Geological Sciences, UT Austin) Fall, 1998 – Fall 2008 (after passing his oral exam, Lyn was hired by Yale University in Summer, 2000 to be the Collections Manager in Vertebrate Paleontology at the Peabody Museum; he returned to Austin in Fall, 2003 to complete his graduate work). Now Collections Manager, Vertebrate Paleontology Laboratory, The University of Texas at Austin, September, 2003 – February, 2011. Now District Staff Paleontologist, Anza-Borrego Desert State Park, Borrego Springs, California.

Jen Olori (Department of Geological Sciences, UT Austin) Fall, 2005 – Spring 2011. Begins tenure-track position as Assistant Professor of Vertebrate Biology at State University of New York – Oswego in Fall, 2011.

Dennis R. Ruez, Jr. (Department of Geological Sciences, UT Austin) Fall, 1998 – Spring, 2007. Now Assistant Professor and Chair, Department of Environmental Studies, University of Illinois at Springfield.

Nicholas Smith (Department of Geological Sciences, UT Austin) Fall, 2007 – Summer 2008. Took leave of Absence beginning September, 2008; self-terminated program of study in March, 2009.

Michelle Stocker (Department of Geological Sciences, UT Austin) Fall, 2008 – present.

#### **Thesis Supervisor and Co-supervisor (M.S. Theses)**

Bhart Anjan Bhullar (Department of Geological Sciences, UT Austin) Fall, 2005 – Fall, 2008. Now pursuing a Ph.D. at Harvard University.

Robert Burroughs (Department of Geological Sciences, UT Austin) Fall, 2010 – present.

Katharine Criswell (Department of Geological Sciences, UT Austin) Fall, 2008 – Spring, 2011. Now pursuing a Ph.D. at the University of Chicago.

Sebastian Egberts (Department of Geological Sciences, UT Austin) Fall, 2007 – Spring, 2009. Now Chief Preparator and Laboratory Manager, Ohio University College of Osteopathic Medicine, Athens, Ohio (February, 2010-present). Was Assistant Preparator, Vertebrate Paleontology Laboratory, the University of Texas at Austin (from Graduation through January, 2010).

C. J. Bell

Patrick V. Wheatley (Department of Geological Sciences, UT Austin) (Co-supervisor with Libby Stern) Fall, 2002 – Spring, 2004. Ph.D. from the University of California Santa Cruz, 2010; now a Postdoctoral Fellow at the Center for Isotope Geochemistry, Lawrence Berkeley Lab.

Holly A. Nance (Department of Geological Sciences, UT Austin) Fall, 2001 - Summer, 2003. Ph.D. from Clemson University in 2010; now Postdoctoral Fellow at Harbor Branch Oceanographic Institute in Fort Pierce, Florida.

Natasha Vitek (Department of Geological Sciences, UT Austin) Fall, 2011 – present.

Travis Wicks (Department of Geological Sciences, UT Austin) (Co-supervisor with Tim Shanahan) Summer, 2011 – present.

**Committee Member (Ph.D. Theses)**

Luis A. Bonachea (Section of Integrative Biology, UT Austin) Spring, 2007 – Spring, 2010.

Clint Boyd (Department of Geological Sciences, UT Austin) Fall, 2009 – present.

Mary Jennifer Cooke (Department of Geological Sciences, UT Austin) Spring, 2001 – 2005.

Drew Eddy (Department of Geological Sciences, UT Austin) Fall, 2009 – Spring 2010.

Eric Ekdale (Department of Geological Sciences, UT Austin) Fall, 2002 – Fall, 2009.

Megan Franks (Department of Geological Sciences, UT Austin) Spring, 2007 – present.

Jonathan Franzosa (Department of Geological Sciences, UT Austin) Spring, 1999 – Spring, 2004.

Alison Gainsbury (Department of Integrative Biology, UT Austin) Fall 2006 – present.

Stephen Goodyear (Department of Integrative Biology, UT Austin) Fall 2006 – Spring 2011.

Jason Head (Department of Geological Sciences, Southern Methodist University) Fall, 1998 – Spring, 2002.

Travis LaDuc (Department of Zoology, UT Austin) Fall, 1998 – Summer, 2003.

Thomas Macrini (Department of Geological Sciences, UT Austin) Fall, 2000 – Spring, 2006.

Kim Myers (Department of Geological Sciences, UT Austin) Fall, 2009 – present.

Jeri Rodgers (Department of Geological Sciences, UT Austin) Fall, 2002 – Fall, 2011.

Santiago Ron (Department of Integrative Biology, UT Austin) Spring, 2005 – Spring, 2007.

Jay Santillan (Department of Geological Sciences, UT Austin) Fall, 2009 – present

Chris Schneider (Department of Geological Sciences, UT Austin) Fall, 1999 – Summer, 2003.

Robert S. Scott (Department of Anthropology, UT Austin) Spring, 2000 – Spring, 2004.

N. Adam Smith (Department of Geological Sciences, UT Austin) Fall, 2009 – Summer, 2011)

Carol Spencer (Department of Biology, UT Arlington) Spring, 1999 – Fall, 2001.

Rebecca Symula (Department of Integrative Biology, UT Austin) Fall, 2005 – Summer, 2009.

Ron Tykoski (Department of Geological Sciences, UT Austin) Spring, 2000 – 2005.

C. J. Bell

Jonathan Wagner (Department of Geological Sciences, UT Austin) Spring, 2002 – present.

Jennifer Yeh (Department of Zoology, UT Austin) Fall, 1998 – Spring, 2001.

Louis Zachos (Department of Geological Sciences, UT Austin) Spring, 2005 – Spring 2009

**Thesis Examiner (Ph.D. Thesis).**

Scott A. Hocknull (The University of New South Wales, Australia) Spring, 2009.

**Committee Member (M.S. Theses)**

Heather Ahrens (Department of Geological Sciences, UT Austin) Fall, 2007 – Summer, 2010.

Amy Balanoff (Department of Geological Sciences, UT Austin) Fall, 2000 – Fall, 2003.

AJ DeBee (Department of Geological Sciences, UT Austin) Fall, 2009 – present.

Daniel J. Dodd (Department of Geological Sciences, UT Austin) Spring, 2001 – 2005.

David Dufeu (Department of Geological Sciences, UT Austin) Spring, 1999 – Spring, 2003.

Gerald Grellet-Tinner (Department of Geological Sciences, UT Austin) Fall, 1997 – Summer, 2001.

Alicia Kennedy, (Department of Biology, Villanova University) Spring, 2010 – Summer, 2011.

Thomas Macrini (Department of Geological Sciences, UT Austin) Fall, 1997 – Summer, 2000.

Nina Triche (Department of Geological Sciences, UT Austin) Fall, 2001 – Fall, 2003.

Farah Welch (Department of Geological Sciences, UT Austin) Fall, 2003 – Summer, 2007.

**Ph.D. Oral examination departmental ‘wildcard’ committee member**

Trevor Budge, Spring, 2005 – Spring, 2006.

Leonel Gomez, Spring, 2002.

Aaron Berg, Spring, 2001.

Christopher MacFarlane, Spring, 1999.

**Ph.D. Prelim Committee Member, Integrative Biology**

Ian Wright, Spring, 2011

Mariana Vasconcellos, Spring, 2010.

Monica Guerra, Fall, 2009.

Jeanine Abrams, Spring, 2008.

Stephen Goodyear, Spring, 2006.

Beckie Symula, Fall, 2003; May, 2005.

Barrett Klein, Fall, 2004.

Greg Pauly, Fall, 2003.

**Grants and Contracts**

NSF-DGE; “Continuing, GK-12: From Aquifers to Estuaries Tracing a Drop a Water via an Interactive Program Linking UT Scientists with K-12 Students and Teachers” (K. H. Dunton, C. J. Bell, J. L. Banner, J. Marshall, M. P. Marder); \$1,197,154. July, 2007 – June 2010.

Sloan Foundation B2005-33; “Out of the Ooze: Developing a World-Class Paleontological Site – the Tar Pits (Menes) of Venezuela” (C. J. Bell); \$35,775. July, 2005 – September, 2006.

Environmental Science Institute at UT Austin, “Private Land Partnership Grant for Herpetological and Ichthyological Surveys in Central Texas” (T. J. LaDuc, C. J. Bell, and D. Hendrickson); \$9,081. May 2005 – May 2006.

In February, 2003 I received Special Research Grant from the Office of the Vice President for Research (“Cranial Anatomy of the Western Diamondbacked Rattlesnake, *Crotalus atrox*, with Comments on Individual and Ontogenetic Variation”); \$650.00.

NSF EAR-0074085; “A new approach to understanding the timing, rates and causes of Quaternary soil denudation” (L. Stern, J. Banner, and C. Bell). \$128,359. June, 2000.