# CURRICULUM VITAE

# JUDD A. CASE

#### Address:

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### **Degrees:**

University of California, Riverside, Ph.D. 1986 Humboldt State University, M.S. 1980; B.A. 1976

### **Dissertation Title:**

Evolution and Systematics of the Kangaroo Family (Marsupialia: Macropodidae).

### **Areas of Interest:**

Mammalogy, vertebrate paleontology and the connection between climatic and floral changes and patterns of mammalian evolution, with an emphasis on the evolution, biogeography and systematics of marsupials and the Gondwanan biota.

#### **Academic Positions:**

- Dean, Special Projects, Eastern Washington University, Cheney, WA. November 2015 to present.
- Dean, College of Science, Health & Engineering, Eastern Washington University, Cheney, WA. October 2006 to November 2015.

Professor, Department of Biology, Eastern Washington University, Cheney, WA. October 2006 to present.

- Adjunct Professor, University of Washington, School of Dentistry, Seattle, WA, September 2008 to present.
- Research Associate, Museum of Geology, South Dakota School of Mines & Technology, January 2007 to present.
- Dean, School of Science, Saint Mary's College of California, Moraga, July 2001 to July 2006.
- Acting Dean of Student Development, Saint Mary's College of California, Moraga, July 2003 to August 2004.

Judd A. Case Curriculum Vitae, continued

#### Academic Positions (continued):

- Chair, Department of Biology, Saint Mary's College of California, Moraga, July 1999 to July 2001.
- Professor, Department of Biology, Saint Mary's College of California, Moraga, July 1998 to October 2006.
- Associate Professor, Department of Biology, Saint Mary's College of California, Moraga, July 1993 to June 1998.
- Assistant Professor, Department of Biology, Saint Mary's College of California, Moraga, July 1990 to June 1993.
- Visiting Assistant Professor, Department of Biology, University of California, Riverside, September 1989 - June 1990.
- Research Associate, University of California Museum of Paleontology, September 1990 to June 2008.
- Assistant Research Paleobiologist (Faculty Research Series); Department of Earth Sciences, University of California, Riverside, July 1987 to Sept. 1990.
- Lecturer, Department of Biology, University of California, Riverside, September 1987 June 1989.
- Staff Research Associate; Department of Earth Sciences, University of California, Riverside, June 1986 to July 1987. Project: Fossil mammals in Antarctica; M.O. Woodburne, Director.

#### **Teaching Experience:**

- Eastern Washington University, Professor, Biology, Fall 2006 to present. Courses: Histology (U. of Washington School of Medicine WWAMI Spokane); Oral Tissues (U. of Washington School of Dentistry, RIDE program); Hematology; Vertebrate Paleontology (cross-listed in Biology and Geology); First Year Experience course – South Africa: Land of Struggle & Triumph.
- Saint Mary's College of California, Professor, Biology, Fall 1990 to Summer 2006. Courses: Functional Vertebrate Anatomy, Evolution, Embryology & Development, Human Anatomy, Biostatistics, Biogeography and Habitat Preservation, Biology of Mammals, Organismal Biology, Functional Biology, General Biology. Professor of Earth Sciences: History of the Earth.
- University of California, Riverside, Visiting Asst. Professor, Biology, 1989-1990 Courses: Functional Vertebrate Anatomy, Graduate Seminar in Biogeography.

#### Judd A. Case

Curriculum Vitae, continued

University of California, Riverside, Lecturer, Biology, 1987-89 Academic year. Courses: Functional Vertebrate Anatomy, Human Embryology, Population Biology; Undergraduate Seminars.

University of California, Riverside, Lecturer, Earth Sciences, Fall Quarter 1988. Course: Dinosaur Paleobiology.

University of California, Riverside, Lecturer, Earth Sciences, Spring Quarter, 1984. Course: Vertebrate Paleontology.

#### **College Committees & Service (at Saint Mary's College):**

Rank & Tenure Committee (1998 to 2001) Academic Senate (1995 to 1998) Senate Representative on the Governance Committee (1997 to 1998) Faculty Development Committee (1992 to 2001) Committee on Undergraduate Admission & Financial Aid (1992 to 1995) Committee Chair (1994-1995)

#### **Grants, Honors and Awards:**

Scientific Committee on Antarctic Research (SCAR) Visiting Professorship Award 2016-2017. \$2500 for workshops, lectures and research at the Museo de La Plata, Argentina.

National Science Foundation ADVANCE grant (HRD-1008027), September 1, 2010 to August 31, 2012, entitled: "Eastern Washington University ADVANCE Institutional Transformation Catalyst," Co-PIs - Dr. Kayleen Islam-Zwart, Dr. Andrea Castillo, Dr. Vickie Shields. (\$169, 280).

National Science Foundation SGER grant (0731404), May 1, 2007 to April 30, 2008, entitled: New Approaches and Rapid Assessment of Key Avian Fossils from the Cretaceous of Antarctica. Co-PI Dr. Julia Clarke, North Carolina State University (\$34,884).

National Science Foundation research grant OPP-0003844, Two Year, No Cost Extension June 1, 2004 to May 31, 2006, of project entitled: Collaborative Research; Evolution and Biogeography of Late Cretaceous Vertebrates from the James Ross Basin, Antarctic Peninsula. Project directed by Judd Case.

National Science Foundation research grant OPP-0003844, June 1, 2001 to May 31, 2004, entitled: Collaborative Research; Evolution and Biogeography of Late Cretaceous Vertebrates from the James Ross Basin, Antarctic Peninsula. Project directed by Judd Case, in collaboration with, Dr. James Martin (\$114,500).

National Science Foundation research grant OPP-9615933, January 1, 1997 to December 31, 1999, entitled: Maastrichtian Land mammals of Vega Island, Antarctic Peninsula. Project directed by Judd Case in collaboration with Dr. Michael Woodburne (\$246,000).

# Judd A. Case

Curriculum Vitae, continued

Saint Mary's College Alumni-Faculty Fellowship Grant, 2002, for paleontological fieldwork in Australia during the summer of 2002 (\$1,500)

Saint Mary's College Alumni-Faculty Fellowship Grant, 1997, for paleontological fieldwork in Australia during the summer of 1997 (\$3,000)

National Geographic Society research grant for paleontological field work in Australia, 1989-91 (awarded to M.O. Woodburne and J.A. Case, \$19,000).

United States Antarctic Service Medal for research in Antarctica, 1983-4, 1985, 1986-7. Outstanding Graduate Teaching Assistant; Department of Biology, University of California, Riverside, 1982-83 and 1985-86.

U.C. Riverside, Academic Senate Intramural Research Award, \$500 - June 1984.

Sigma Xi Grant-in-Aid of Research, \$300 - June 1983.

U.C. Riverside, Academic Senate Intramural Research Award, \$500 - May 1983.

U.C. Riverside, Chancellor's Patent Fund Award, \$500 - June 1982.

U.C. Riverside, Department of Biology, Irwin M. Newell Graduate Research Award, \$2500 - June 1982.

[Awards & grants 1982-84 funded fieldwork and museum studies in Australia.]

#### **Professional Societies :**

American Conference of Academic Deans American Association of Colleges & Universities Council of Colleges of Arts & Sciences Soc. of Vertebrate Paleontology Sigma Xi Soc. For Study of Mammal. Evol. Geological Society of America The Paleontological Society

# **Bibliography:**

Published Refereed Articles;

- 1. **Case, Judd A.,** 1984, A new genus of Potoroinae (Marsupialia: Macropodidae) from the Miocene Ngapakaldi local fauna, South Australia, and a definition of the Potoroinae. Journal of Paleontology, 58(4):1074-1086.
- 2. Woodburne, Michael O. and Case, Judd A., 1984, Carnivorous marsupials. Journal of Vertebrate Paleontology, 4:155-163.
- 3. Case, Judd A., 1985, Differences in prey utilization by Pleistocene marsupial carnivores, Thylacoleo carnifex and Thylacinus cynocephalus. Australian Mammalogy, 8:45-52.
- 4. Case, Judd A. and Michael O. Woodburne. 1986. South American marsupials: a successful crossing of the Cretaceous-Tertiary boundary. <u>Palaios</u>, 1:413-416.

#### Judd A. Case Published Refereed Articles (continued);

- 5. Case, J.A., M.O. Woodburne and D.S. Chaney. 1987. A gigantic phororhacoid(?) bird from Antarctica. Journal of Paleontology, 61:1280-1284.
- Case, J. A., Woodburne, M. O., and Chaney, D. S. 1988. A new genus of polydolopid marsupial from Antarctica, <u>in</u> (R.MFeldmann and M.O. Woodburne, eds.), <u>Geologic Society of America, Memoir</u>, 169, pp. 505-521.
- Case, Judd A. 1988. Paleogene floras from Seymour Island, Antarctic Peninsula, <u>in</u> (R.M. Feldmann and M.O. Woodburne, eds.), <u>Geologic Society of America, Memoir</u>, 169, pp. 523-530.
- 8. Case, Judd A. 1989. Antarctica: the effect of high latitude heterochroneity on the origin of the Australian marsupials. <u>in</u> (J.A. Crame, ed.) <u>Origins and Evolution of the Antarctic Biota</u>. Geol. Soc. Spec. Pub. No. 47. pp. 217-226.
- Marshall, Larry G., Judd A. Case and Michael O. Woodburne. 1990. Phylogenetic relationships of the families of marsupials. <u>in</u> (H.H. Genoways, ed.) <u>Current Mammalogy</u>, vol. 2, pp. 433-505.
- Rich, T.H., Pledge, N.S., Flannery, T.F., Woodburne, M.O., Case, J.A., Archer, M., Hand, S., Godhelp, H., & Rich, P.V. 1991. Australian Mesozoic and Tertiary Terrestrial Mammal Localities, <u>in</u> (P. Vickers-Rich, J.M. Monaghan, R.F. Baird and T.H.Rich, eds.), <u>Vertebrate</u> <u>Palaeontology of Australasia</u>. pp. 1005-1070.
- 11. **Case, J.A.** 1992. Evidence from fossil vertebrates for a rich Eocene, Antarctic marine environment; <u>in</u> J. Kennett and D. Warnke (eds.) "Paleoenvironment Evolution of Antarctica and the Southern Oceans". American Geophysical Union, Antarctic Research Series, vol. 56, p. 119-30.
- Woodburne, M. O., McFadden, B. J., Case, J. A., Springer, M. S., Pledge, N. S., Power, J. D., Woodburne, J. M., Springer, K. B. 1993. Land mammal biostratigraphy and magnetostratigraphy of the Etadunna Formation (late Oligocene) of South Australia. <u>Journal</u> <u>of Vertebrate Paleontology</u>, 13:483-415.
- 13. Woodburne, M.O. and **Case**, **J.A.** 1996. Dispersal, vicariance and the post-Gondwanan Late Cretaceous to early Tertiary biogeography from South America to Australia. <u>Journal of Mammalian Evolution</u>, 3(2):121-161.
- 14. **Case, J.A.** 1996. The importance of fine-scaled biostratigraphic data in addressing questions of vertebrate paleoecology and evolution, <u>in</u> (C.J. Bell and S. S. Sumida, eds.), "The Uses of Vertebrate Fossils in Biostratigraphic Correlations". <u>PaleoBios</u>, 17:59-69.
- Springer, M.S., Kirsch, J.A,W. and Case, J.A. 1997. The chronicle of marsupial evolution, in T. Givenish and K. Sytsma (eds.) "Molecular Evolution and Adaptive Radiation". Cambridge University Press, Pp. 129-161.
- Goin, F.J., Case, J.A., Woodburne, M.O., Vizcaino, S.F. and M.A. Reguero. 1999. New discoveries of "opossum-like" marsupials from Antarctica (Seymour Island, Middle Eocene). Journal of Mammalian Evolution, 6(4):335-365.

#### Judd A. Case Published Refereed Articles (continued);

- 17. **Case, J.A.,** J.E. Martin, D.S. Chaney, M. Reguero, S.A. Marenssi, S.M. Santillana and M.O. Woodburne. 2000. The first duck-billed dinosaur (Hadrosauridae) from Antarctica. Journal of Vertebrate Paleontology, 20(3):612-614.
- Martin, J.E., Bell, G.L Jr., Case, J.A., Chaney, D.S., Fernandez, M.S., Gasparini, Z., Reguero, M.A., & Woodburne, M.O. 2002. Late Cretaceous mosasaurs (Reptilia) from the Antarctic Peninsula in J.A. Gamble, D.N.B. Skinner and S. Henrys (eds.) "Antarctica at the Close of a Millennium". <u>Royal Society of New Zealand Bulletin</u>, 35:293-299.
- 19. Westerman, M., Burk, A., Amrine, H.M. Prideaux, G.J., **Case, J.A.**, and Springer, M.S. 2002. Molecular evidence for the last survivor of an ancient kangaroo lineage. Journal of <u>Mammalian Evolution</u>, 9(3): 209-223.
- 20. Albright, B., M.O. Woodburne, **J.A. Case** and D.S. Chaney. 2003. A leatherback sea turtle from the Eocene of Antarctica: antiquity for gigantothermy in Dermochelyidae. Journal of Vertebrate Paleontology, 23(4):945-949.
- Martin, J.E., Hutchinson, M.N., Meredith, R., Case, J.A., & Pledge, N.S. 2004. The oldest genus of scincid lizard (Squamata) from the Tertiary Etadunna Formation of South Australia. <u>Journal of Herpetology</u>, 38 (2):180-187.
- Case, J.A., Goin, F.J., and Woodburne, M.O. 2005. "South American" Marsupials from the Late Cretaceous of North America and the Origin of Marsupial Cohorts. <u>Journal of</u> <u>Mammalian Evolution</u>. 12 (1): 223-255.
- 23. Martin, J.E., **Case, J.A.**, Jagt, J.W.M., Schulp, A. and Mulder, E. 2005. A new European marsupial indicates a Late Cretaceous, high-latitude, transatlantic dispersal route. <u>Journal of Mammalian</u> Evolution, 12 (3/4): 495-511.
- 24. Case, J.A. 2006. The late Middle Eocene, terrestrial vertebrate fauna from Seymour Island: the tails of the Eocene, Patagonian, size distribution. <u>In Francis, J. E., Pirrie, D. and Crame, J. A. (eds.) Cretaceous - Tertiary High-Latitude Palaeoenvironments, James Ross Basin, Antarctica</u>. Geological Society Special Publications, 258:177-186.
- 25. Goin, F.J., Reguero, M.A., Pascual, R., von Konigswald, W., Woodburne, M.O., Case, J.A., Marenssi, S.A, Vieytes, C. and Vizcaino, S.F. 2006. First gondwanatherian mammal from Antarctica. <u>In Francis, J. E., Pirrie, D. and Crame, J. A. (eds.) Cretaceous - Tertiary High-Latitude Palaeoenvironments, James Ross Basin, Antarctica</u>. Geological Society Special Publications, 258:135-144.
- 26. Goin, F.J., Pascual, R., Tejedore, M.F., Gelfo, J.N., Woodburne, M.O., Case, J.A., Reguero, M.A., Bond, M., Cione, A.L., Sauthier, D.U., Balarino, L., Scasso, R.A., Medina, F.A. and Ubaldon, M.C. 2006. The earliest Tertiary therian mammal from South America. Journal of <u>Vertebrate Paleontology</u>, 26(2): 505-510.

### Judd A. Case Published Refereed Articles (continued);

- 27. Case, J.A., J.E. Martin, and, M. Reguero, 2007. A dromaeosaur from the Maastrichtian of James Ross Island and the Late Cretaceous Antarctic dinosaur fauna, in Antarctica: A Keystone in a Changing World - Online Proceedings of the 10<sup>th</sup> ISAES X, edited by A. K. Cooper and C. R. Raymond et al., USGS Open-File Report 2007-1047, Short Research Paper, 4p. [doi:10.3133/of2007-1047.srp083]
- 28. Case, J.A. 2007. Opening of the Drake Passage: does this event correlate to climate change and biotic events from the Eocene La Meseta Formation, Seymour Island, Antarctic Peninsula? Online Proceedings of the 10<sup>th</sup> ISAES X, edited by A. K. Cooper and C. R. Raymond et al., USGS Open-File Report 2007-1047, Extended Abstract 117, 3p.
- 29. Martin, J.E., J.F. Sawyer, M. Reguero, and J.A. Case, 2007. Occurrence of a young elasmosaurid plesiosaur skeleton from the Late Cretaceous (Maastrichtian) of Antarctica, in Antarctica: A Keystone in a Changing World—Online Proceedings of the 10th ISAES, edited by A.K. Cooper and C.R. Raymond et al., USGS Open-File Report 2007-1047, Short Research Paper 066, 4 p.; doi:10.3133/of2007-1047.srp066.
- 30. Meredith, R.W. M. Westerman, J. A. Case and M. S. Springer. 2008. A Phylogeny and Timescale for Marsupial Evolution Based on Sequences for Five Nuclear Genes. <u>Journal of</u> <u>Mammalian</u> <u>Evolution</u>, 15 (1): 1-36.
- 31. Case, J.A., R.W. Meredith and J.J. Person. 2009. A pre-Neogene phalangerid possum from South Australia. In Albright, L.B. (ed.), *Papers in Geology, Vertebrate Paleontology and Biostratigraphy in Honor of Michael O. Woodburne*. Museum of Northern Arizona Bulletin, 65: 659-675.

# Papers Ready for Submission;

1. Ely, R.C.. and **J.A. Case.** A basal deinonychosaur from the Early Maastrichtian, Antarctic Peninsula and the biostratigraphy of the latest Cretaceous dinosaur fauna of Antarctica. (to be submitted to *Cretaceous Research*).

# Papers and Seminars:

- 1982 Seminar, School of Zoology, University of New South Wales; "Energetics, reproduction and the marsupial/placental dichotomy."
- 1982 Paper, Society of Vertebrate Paleontology, Mexico City; "Mid-Miocene kangaroos from Lake Ngapakaldi, South Australia: their utility in Australian biochronolgy."
- 1983 Paper, Society of Vertebrate Paleontology, Laramie, Wyoming; "Morphological trends of the forelimbs and hindlimbs of tree kangaroos (genus <u>Dendrolagus</u> Muller, 1839): an example of adequacy in adaptation."

- 1984 Paper, American Society of Mammalogists/Australian Mammal Society -combined meeting, Sydney, Australia; "Analysis of kangaroo postcranial osteology with reference to body size and habitat."
- 1984 Seminar, School of Zoology, University of New South Wales, Sydney, Australia; "Antarctic plants and animals: their implications on marsupial biogeography and evolution."
- 1985 Seminar, Department of Biology, Humboldt State University, Arcata, California; Kangaroos: a diverse mob.
- 1985 Paper, Society of Vertebrate Paleontology, Rapid City, South Dakota; Origin of the kangaroo adaptive zone as interpreted from jaw function and Miocene macropodids.
- 1986 Invited Paper, Geologic Society of America, Symposium on Polar research, Kent, Ohio; Megafloral specimens of <u>Nothofagus</u> from the Late Eocene of Seymour Island, Antarctic Peninsula: evidence for the Weddellian Province hypothesis.
- 1986 Seminar, Dept. of Biochemistry and Nutrition, University of New England, Armidale, Australia; Implications of jaw mechanics and skull morphology on the diets of kangaroos.
- 1987 Paper, Society of Vertebrate Paleontology, Tucson, Arizona; A unique pattern of jaw development in the extinct Australian marsupial lion, <u>Thylacoleo carnifex</u>.
- 1988 Invited Paper, Geological Society of London, Symposium on the Origins and Evolution of the Antarctic Biota; Antarctica: the effect of high latitude heterochroneity on the origin of the Australian marsupials.
- 1988 Paper, Society of Vertebrate Paleontology, Drumheller, Canada; Homoplasy in the development of stylar cusp C among marsupials.
- 1989 Paper, Society of Vertebrate Paleontology, Austin, Texas; Cranial isometry in Australian carnivorous marsupials and phyletic relationships of the dog-like thylacines.
- 1990 Paper, Society of Vertebrate Paleontology, Lawrence, Kansas; Cusp homologies in Australian diprotodontian marsupials with selenodont and lophodont upper molar morphologies.
- 1990 Seminar, University of California Museum of Paleontology, Berkeley; Origin of Australia's marsupials.
- 1991 Seminar, Northern California Society of Anatomists, Moraga; Are humans adapted for cursorial locomotion?
- 1991 Invited Paper, International Conference on the Role of the Southern Ocean and Antarctica in Global Change: An Ocean Drilling Perspective, University of California, Santa Barbara; Evidence from fossil vertebrates for a rich Eocene, Antarctic marine environment.

- 1991 Paper, Society of Vertebrate Paleontology, San Diego, California; Constancy of stylar cusp patterns in extant marsupials: implications for Late Cretaceous marsupial systematics.
- 1992 Paper, Society of Vertebrate Paleontology, Toronto, Canada; Paleocene Gap in the Fossil Record of North American Didelphids.
- 1993 Paper, Society of Vertebrate Paleontology, Albuquerque, New Mexico; Serial homology and function of the molar dentition in Neogene ektopodontid marsupials. (Co-authored with J.N. Clemitson)
- 1994 Invited Paper, Geological Society of America, Cordillerian Section Symposium: The Uses of Vertebrate Fossils in Biostratigraphic Correlation, San Bernardino, California; The Importance of Fine-Scaled, Biostratigraphic Data in Addressing Questions of Vertebrate Paleoecology and Evolution.
- 1994 Paper, Society of Vertebrate Paleontology, Seattle, Washington; Quaternary extinction of Australia's mainland thylacines: competitive exclusion or "red queen effect". (Co-authored with V.S. Greeley)
- 1995 Paper, Society of Vertebrate Paleontology, Pittsburg, PA.; Biostratigraphic patterns of Antarctic marine vertebrates across the Cretaceous-Tertiary boundary.
- 1996 Paper, Society of Vertebrate Paleontology, New York, NY; Eocene Antarctic Ameridelphian Marsupials With Tribosphenic Molars: Implications Upon Marsupial Biogeography. (Co-authored with F.J. Goin and M.O. Woodburne)
- 1997 Paper, Society of Vertebrate Paleontology, Chicago IL.; The First Great American Interchange: Interactions Between Gondwanan and Weddellian Mammalian Faunas in Gondwana.
- 1998 Seminar, University of Buenos Aires and Instituto Antartico Argentina, Buenos Aires, Argentina; Late Cretaceous and Early Tertiary Dispersal of Marsupials: the importance of the Patagonian and Antarctic fossil records.
- 1998 Paper, Society of Vertebrate Paleontology, Snowbird UT.; The First Hadrosaur from Antarctica. (Co-authored with J.E. Martin, D.S. Chaney, M. Reguero, S.A. Marenssi, S.M. Santillana and M.O. Woodburne).
- 1999 Paper, 8th International Symposium on Antarctic Earth Sciences, Wellington, New Zealand, July 5th-9th, 1999; Antarctic Peninsula: Late Cretaceous to Early Tertiary faunal corridor. (Co-authored with M.O. Woodburne and F.J. Goin).
- 1999 Paper, Society of Vertebrate Paleontology, Denver CO.; An Early Maastrichtian record of neornithine birds in Antarctica and comments on a Late Cretaceous radiation of modern birds. (Co-authored with C. P. Tambussi).
- 2000 Seminar, Dept. of Biology, Sonoma State University, Rohnert Park, CA; Antarctica: Understanding Vertebrate Evolution and Biogeography in Gondwana.

- 2001 Paper, North American Paleontological Convention, Berkeley, CA; Latest Cretaceous Record of Modern Birds from Antarctica: Center of Origin or Fortuitous Occurrence.
- 2001 Paper, Society of Vertebrate Paleontology, Bozeman MT.; Turnover of Bandicoots in the Oligo-Miocene of South Australia.
- 2002 Paper, International Paleontological Congress, Sydney, Australia; Tribosphenic Lower Molar From the Maastrichtian of Madagascar: Phyletic Affinities, Biogeography and a Dispersal Model. (Co-authored with D. W. Krause).
- 2002 Paper, Society of Vertebrate Paleontology, Norman, OK; A New Biogeographical Model For Dispersal of Late Cretaceous Vertebrates Into Madagascar and India.
- 2003 Paper, Geological Society of America, Cordillerian Section, Puerta Vallarta, Mexico; Dual Origin for Australia's Pleistocene Reptilian Fauna: Evidence For a Latest Cretaceous Dispersal From Antarctica. (Co-authored with D.A. Case, J.E. Martin and R. Meredith)
- 2003- Paper, 9th International Symposium on Antarctic Earth Sciences, Potsdam, Germany, September 5th-9th, 2003; The Late Eocene, Terrestrial, Vertebrate Fauna from Seymour Island: the Tails of the Eocene, Patagonian, Size Distribution.
- 2003 Paper, Society of Vertebrate Paleontology, St. Paul, MN; Late Cretaceous Dinosaurs from the Antarctic Peninsula: Remnant or Immigrant Fauna? (Co-authored with J.E. Martin, D.S. Chaney and M. Reguero)
- 2004 Seminar; Dept. of Zoology & Entomology, Queensland University; A New Theropod Dinosaur and the Antarctic Dinosaur Fauna from the Antarctic Peninsula.
- 2005 Paper, Society of Vertebrate Paleontology, Mesa, AZ; Antarctic Mammalian Paleofauna: Body Size Distribution Pattern Indicates A Response to Climatic Cooling and Seasonality.
- 2006 Paper, Society of Vertebrate Paleontology, Ottawa, Canada; A Cursorial Bird from the Maastrichtian of Antarctica.
- 2007 Paper, 10<sup>th</sup> International Symposium on Antarctic Earth Sciences (ISAES), Santa Barbara, CA; A dromaeosaur from the Maastrichtian of James Ross Island and the Late Cretaceous Antarctic dinosaur fauna. (Co-authored with J.E. Martin, and, M. Reguero)
- 2007 Invited Paper, 10<sup>th</sup> International Symposium on Antarctic Earth Sciences (ISAES), Santa Barbara, CA; Opening of the Drake Passage: does this event correlate to climate change and biotic events from the Eocene La Meseta Formation, Seymour Island, Antarctic Peninsula?
- 2007 Paper, Society of Vertebrate Paleontology, Austin, TX; Mammals from Red Owl Quarry, Fox Hills Formation, South Dakota: an "Edmontonian" Local Fauna? (Co-authored with J.E. Martin)

- 2008 Paper, Geological Society of America, Houston, TX; Antarctic dinosaur paleobiology: inferences from paleobotany and paleoclimate, Antarctic Science in the International Polar Year: Geologic Evolution of the Antarctic Peninsula: Changes in Tectonics, Biota, and Climate over Time Symposium.
- 2008 Paper, Society of Vertebrate Paleontology, Cleveland OH; A pre-Neogene phalangerid possum from South Australia. (Co-authored with R.W. Meredith and J.J. Pearson).
- 2009 Poster, Geological Society of America, Portland, OR; The age of a theropod dinosaur, based upon associated palynoassemblages from Snow Hill Island Formation (Maastrichtian) at the Naze, James Ross Island, Antarctica. (Co-authored with J.E. Martin, M. di Pasquo and J.F. Sawyer)
- 2010 Paper, Society of Vertebrate Paleontology, Pittsburg PA; The development of crushing premolars in the stagodontid, *Didelphodon*.
- 2011 Paper, 11<sup>th</sup> International Symposium on Antarctic Earth Sciences (ISAES), Edinburgh, Scotland; Paleontologic, phylogenetic, paleobiogeographic and geologic data to support an Early Campanian connection of Indo-Madagascar to Antarctica.
- 2011 Paper, Society of Vertebrate Paleontology, Las Vegas, NV, Rare earth element fingerprinting and 87Sr/86Sr ratios support a latest Maastrichtian age for Antarctica's first discovered Cretaceous bird, *Polarornis gregoryi*. (Co-authored with D. Patrick, C. Nezat and J.A. Clarke).
- 2012 Paper, Society of Vertebrate Paleontology, Raleigh, NC, Diversity, abundance and turnover in the Antarctic marine fauna during the Eocene in response to climate change.
- 2013 Paper, Society of Vertebrate Paleontology, Los Angeles, CA; Vertebrate diversity and response to ocean temperature decline during the latest Cretaceous in the Antarctic Peninsula.
- 2014 Paper, Scientific Council on Antarctic Research (SCAR), Auckland, New Zealand; The Opening and Closing of Marsupial Dispersal Gateways into and out of Antarctica (Co-authored with M. O. Woodburne).
- 2015 Paper, Geological Society of America, Baltimore, MD; Chronostratigraphic data from Patagonia and Antarctica adds precision to the faunal time frames, but creates uncertainty as to the origin of the Eocene, Antarctic, land mammal, fauna.
- 2016 Poster, Society of Vertebrate Paleontology, Salt Lake City, UT; A basal deinonychosaur from the Early Maastrichtian, Antarctic Peninsula and the biostratigraphy of the latest Cretaceous dinosaur fauna of Antarctica. (Co-authored with R.C. Ely).