

CURRICULUM VITAE
AARON MATTHEW BAUER

Gerald M. Lemole, M.D. Professor of Integrative Biology, Villanova University

Academic Address:

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Born: 27 June 1961; New York, N.Y.

Education:

1982-1986 University of California, Berkeley - Ph.D., Zoology [Systematics, Biogeography and Evolutionary Morphology of the Carphodactylini (Reptilia: Gekkonidae)]
1979-1982 Michigan State University - B.S. (High Honors), Honors College Zoology; B.A. (High Honors), Honors College History
1975-1979 Mineola High School, Mineola, New York - New York State Regents Diploma with Highest Honors

Honors, Awards, Fellowships and Grants:

Research Grant through Vale Mining (New Caledonia) and Cygnet Biodiversity Surveying (Australia) 2011-2013 (\$95,000)
Thomas Barbour Fund for Field Research (Museum of Comparative Zoology) 2011 (\$5000)
Herpetologists' League Distinguished Herpetologist 2011
National Science Foundation Grant DBI-1019443, 2010-2013, (\$124,025)
Thomas Barbour Fund for Field Research (Museum of Comparative Zoology) 2009 (\$2000)
National Science Foundation Grant DEB-0844523 (PI, with T. Jackman as co-PI) 2009-2012 (\$650,000)
Graduate Alumni Founder's Award Recipient 2008
Gerald M. Lemole, M.D. Endowed Chair in Integrative Biology (awarded 2008)
Agence Nationale de la Recherche, France 2008-2011 (\$33,000)
Thomas Barbour Fund for Field Research (Museum of Comparative Zoology) 2007 (\$5000)
National Science Foundation Grant DEB-0515909 (PI, with T. Jackman as co-PI) 2005-2008 (\$433,100)
Thomas Barbour Fund for Field Research (Museum of Comparative Zoology) 2006 (\$5000)
Thomas Barbour Fund for Field Research (Museum of Comparative Zoology) 2005

((\$5000)
Thomas Barbour Fund for Field Research (Museum of Comparative Zoology) 2004
(\$3000)
Villanova Outstanding Faculty Research Award 2002
National Science Foundation Grant DEB-0108108 (PI, with T. Jackman as co-PI) 2001-
2004 (\$327,726)
VITAL Curriculum Improvement Mini-Grant 2001 (\$4000)
COBASE Grant (National Research Council) 1998 (\$4950)
National Science Foundation Grant DEB-9707568 (co-PI, with A. Lamb as PI) 1997-
2001 (\$195,000)
California Academy of Sciences Research Fund Grant 1997 (\$988)
Fulbright African Regional Research Grant 1996 (\$17,000)
National Geographic Society Research Grant 1994-1996 (\$20,000)
Emerald Award for Environmental Excellence (Alberta) 1995
Alberta Book Industry Scholarly Book of the Year (for *The Amphibians and Reptiles of
Alberta*) 1994
American Philosophical Society Grant 1993 (\$3000)
Percy Sladen Memorial Trust Fund Grant 1993 (\$1000)
Honorary Fellow, California Academy of Sciences (elected 1992)
John Ellerman Scholarship, University of Stellenbosch 1992 (\$6000)
California Academy of Sciences Research Fund Grant 1991-1992 (\$1000)
Villanova University Summer Research Grant 1989 (\$6667)
Oak Ridge Associated Universities Research Travel Contract (Savannah River Ecology
Laboratory) 1988-1992
Research Support, Herpetology, California Academy of Sciences 1989, 1990
University Fellowship, University of Calgary 1987-1988
Chancellor's Patent Fund Award, U. C. Berkeley 1986
G. L. Lindsay Fund Grant, California Academy of Sciences 1985, 1993
C. B. Koford Memorial Grant, Museum of Vertebrate Zoology 1983-1984
Kellog Grant, Museum of Vertebrate Zoology 1983
Theodore Roosevelt Memorial Fund Grant 1983
Marsh Grant Fund of the National Academy of Sciences 1983
U. C. Berkeley, Department of Zoology Graduate Student Research Allocation Awards
1983-1986
Regents Fellowship, U. C. Berkeley 1983-1984
Wheeler Fellowship, U. C. Berkeley 1982-1983
Phi Alpha Theta History Award 1982
NSF Graduate Fellowship Honorable Mention 1982
Phi Alpha Theta Honor Society, elected 1981
Phi Kappa Phi Honor Society, elected 1981, student vice-president 1981-1982
Dan Bollin Award for Excellence in Natural Science, Michigan State University 1981
Masonic Scholarship, Michigan State University 1979-1980
National Merit Scholarship, Michigan State University 1979-1982

Professional and Society Memberships:

American Association for Zoological Nomenclature

American Society of Ichthyologists and Herpetologists (Board of Governors 1992-1997, 2000-2004, 2010-2014, Resolutions Committee 1996, Endowment Committee 2003-2008, Nominating Committee 1996, 2004-2005)

Asociacion Herpetologica Española

Australian Herpetological Society

Bombay Natural History Society

British Herpetological Society

Canadian Association of Herpetologists

Canadian Society of Zoologists

Chicago Herpetological Society

Deutsche Gesellschaft für Herpetologie und Terrarienkunde

Global Gecko Association

Herpetological Association of Africa (Chairman 2010-present)

Herpetologists' League (Board of Trustees 1993-1997, Symposium Chair 1994-1998, Vice President 1998-99, President 2000-01, Past-President [board position] 2002-2007)

International Herpetological Symposium, Inc. (President 1997-2000)

International Society for the History and Bibliography of Herpetology (Officer 2001-present)

Japanese Herpetological Society

Linnean Society of London (elected scientific fellow)

Maryland Herpetological Society

Maryland Naturalists' Society

New Zealand Herpetological Society

North Carolina Herpetological Society

Österreichischen Gesellschaft für Herpetologie

Pacific Science Association

Sigma Xi

Société Batrachologique de France

Société Herpétologique de France

Society for Research on Amphibians and Reptiles in New Zealand

Societas Europaea Herpetologica

Societas Herpetologica Italica

Society for Systematic Zoology

Society for the History of Natural History

Society for the Study of Amphibians and Reptiles (Resolutions Committee 1996, Nominating Committee Chair 1997, editorial positions – see below)

Society for the Study of Evolution

Willi Hennig Society

World Congress of Herpetology (Scientific Program Chair for 5th World Congress of Herpetology, 2005; Secretary General Elect, 2005-2008; Secretary General 2008-present)

Zoological Society of London (elected scientific fellow)

Zoological Society of Southern Africa (elected Fellow)

Career Resumé:

Gerald M. Lemole, M.D. Endowed Chair in Integrative Biology 2008-
Director, Graduate Program in Biology, Villanova University (2000-present)
Professor of Biology, Villanova University 1995-present
Associate Professor of Biology, Villanova University 1991-1995
Assistant Professor of Biology, Villanova University 1988-1991
University Postdoctoral Fellow, University of Calgary 1987-1988
Lecturer, Functional and Evolutionary Vertebrate Morphology, University of California,
Berkeley 1987
Teaching Associate, Department of Zoology, U. C. Berkeley 1986
Teaching Assistant (Morphology, Evolution, Developmental Biology), Department of
Zoology, U. C. Berkeley 1983-1985
Teaching Assistant (Morphology), Department of Zoology, Michigan State University
1981
Preparator, Department of Biology, Michigan State University 1981-1982

Museum and University Affiliations:

Extraordinary Professor in Botany and Zoology, University of Stellenbosch, South Africa
2005-present
Associate in Herpetology, Museum of Comparative Zoology, Harvard University 2001-
present
Research Associate, Department of Vertebrate Zoology, United States National Museum
of Natural History (Smithsonian Institution) 1989-present
Research Associate, Department of Herpetology, California Academy of Sciences 1987-
present
Research Associate in Herpetology, Vertebrate Zoology Department, Academy of
Natural Sciences, Philadelphia 2007-present
Research Associate, Museum of Natural Science, Louisiana State University 1994 - 1999
Examiner for candidates for the title of außerplanmäßiger Professor, Rhein. Friedrich-
Wilhelms-Universität, Bonn, and Technische Universität Darmstadt, Germany.
External Examiner for Tenure/Promotion Candidates – American University of Cairo,
Academy of Natural Sciences of Philadelphia, Field Museum of Natural History,
American Museum of Natural History, Gettysburg College, Texas Tech University.
Ph.D. Committee Member/Co-supervisor – American Museum of Natural History
(Richard Gilder Graduate School), Louisiana State University (Museum of Natural
Science and Department of Zoology and Physiology), Brigham Young University
(Department of Zoology), University of Minnesota (Conservation Biology), Drexel
University (Department of Biology), Texas Tech University (Wildlife Biology),
University of Puerto Rico (Department of Biology)
Masters Committee Co-Supervisor – Stellenbosch University (Department of Botany and
Zoology)
External Habilitation Examiner – Universität zu Köln, Germany
External Ph.D. Dissertation Examiner – Australian National University, Griffith
University (Australia), University of Cape Town, University of Stellenbosch (South
Africa), University of Cairo, University of Sydney, National Institute of Education
(Singapore), Bharathiar University (Coimbatore, India)
External M.Sc. Thesis Examiner – University of Cairo, James Cook University

External Examiner Undergraduate Honors Program - Swarthmore College, University of Michigan

Consulting:

Scientific Advisor, Geckos – Tails to Toepads (museum exhibit), Peeling Productions
On-air consultant, O’Shea’s Big Adventure (television show), Yorkshire Associate
Productions and Animal Planet

Co-chair, Reptile Panel, Committee on Recently Extinct Organisms (American Museum
of Natural History)

Member IUCN/SSC Australasian Reptile and Amphibian Specialist Group.

Member IUCN/SSC South Asian Reptile Specialist Group

Member IUCN Snake and Lizard Red List Authority

Member Executive Committee (World Congress of Herpetology) and World Congress of
Herpetology Committee to Advise the International Commission on Zoological
Nomenclature.

Member Association of Zoos and Aquaria Lizard Advisory Group.

Information provided to the World Wildlife Fund (Indonesian Reptiles, Pacific reptile
trade; reptile identification), The World Bank (Madagascan Reptile Distribution),
National Science Foundation (On site report of Museum Reptile Holdings),
O.R.S.T.O.M. (now I.R.D.) (Reptile conservation status); government of New
Caledonia (Reptile conservation); Western Cape Nature Conservation, South Africa
(Reptile conservation); European Union Scientific Review Group (New Caledonian
Reptile trade; Reptile database evaluation); Zoological Society of London and IUCN
(Evaluation of Red Data Book Listing of New Caledonian and New Zealand Reptiles).

Editing and Reviewing:

Editor – Facsimile Reprints in Herpetology, Society for the Study of Amphibians and
Reptiles (2003-present). Books produced: *The Herpetology of Cuba*, *The Life and
Herpetological Contributions of Mario Giacinto Peracca*, *The Life and
Herpetological Contributions of August Friedrich Schweigger*, *The Herpetological
Contributions of Sir Andrew Smith*

Co-editor, *Atlas and Red Data Book of South African Reptiles*.

English Language editor - Fritz, U. and Havas, P. 2004. Proceedings of the 3rd
International Symposium on *Emys orbicularis*. *Biologia*, Bratislava 59, suppl. 14:1-
209.

Book Review Editor - *Herpetological Review* (1992-present).

Advisory Board – *Bonn Zoological Bulletin* (Zoologisches Forschungsmuseum
Alexander Koenig; 2003-present), *Annales Zoologici* (Polish Academy of Sciences;
1999-2001)

Editorial Advisor - Amphibian and Reptile Conservation.

Consulting Editor - Cornell University Press Program in Herpetology (2003-2006, 2008-
present)

Editor – *Hamadryad* (2011–)

Associate Editor/Section Editor – *Zootaxa* (2008-present), *African Journal of
Herpetology* (2004-present), *Journal of Threatened Taxa* (2009-present), *Journal of
Herpetology* (1997-2000), *Herpetological Natural History* (1995-2000).

Editorial Board – Amphibia-Reptilia; Asiatic Herpetological Research; Bulletin de la Société Herpetologique de France; Current Herpetology; Dumerilia; Herpetologica; Herpetotropicos, Salamandra; Systematics and Biodiversity, Taprobanica; North Western Journal of Zoology (Romania).

Reviewer – Acta Herpetologica, Acta Zoologica, American Midland Naturalist, American Museum Novitates, American Naturalist, Amphibian and Reptile Conservation, Amphibian Biology, Anatomical Record, Annals of the Transvaal Museum, Applied Herpetology, Aquatic Conservation: Marine and Freshwater Ecosystems, Arnoldia (Zimbabwe), Behaviour, Bibliotheca Herpetologica, Bioacoustics, Biological Journal of the Linnean Society, Biotropica, BMC Evolutionary Biology, Bonner Zoologische Monographien, Breviora, Bulletin of the American Museum of Natural History, Bulletin of the Peabody Museum of Natural History, Cambodian Journal of Natural History, Caribbean Journal of Science, Caspian Journal of Environmental Sciences, CheckList, Cladistics, Comparative Biochemistry and Physiology, Comptes rendus Biologies, Conservation Genetics, Contemporary Herpetology, Contributions to Zoology, Copeia, Cryptozoology, Current Science (India), Current Zoology, Ecography, Environmental Conservation, Ethology, Evolutionary Ecology, Fieldiana: Zoology, Fiji Arthropods, Folia Parasitologica, Gekko, Geobios, Herpetologica, Herpetological Bulletin, Herpetological Conservation and Biology, Herpetological Journal, Herpetological Monographs, Herpetological Review, Integrative and Comparative Biology; Israel Journal of Zoology, Journal of African Zoology, Journal of Anatomy, Journal of Arid Environments, Journal of Biogeography, Journal of Evolutionary Biology, Journal of Herpetology, Journal of Morphology, Journal of Proteome Research, Journal of the Bombay Natural History Society, Journal of the Herpetological Association of Africa, Journal of the Pennsylvania Academy of Sciences, Journal of the Royal Society of New Zealand, Journal of Zoological Systematics and Evolutionary Research, Journal of Zoology (London), Miscellaneous Publications of the University of Michigan Museum of Zoology, Mitteilungen aus dem Hamburgischen Zoologischen Museum und Institut, Molecular Phylogenetics and Evolution, Newsletter and Bulletin of the International Society for the History and Bibliography of Herpetology, New Zealand Journal of Zoology, Occasional Papers of the Sam Noble Oklahoma Museum of Natural History, Occasional Publications of the University of Kansas Natural History Museum, Organisms, Diversity and Evolution, Pacific Science, Pakistan Journal of Zoology, Philippine Journal of Systematic Biology, Philosophical Transactions of the Royal Society B, Physiological and Biochemical Zoology, Plant Ecology, Postilla (Yale University), Proceedings of the California Academy of Sciences, Proceedings of the Royal Society B, Proceedings of the 10th Ordinary General Meeting of the Societas Europaea Herpetologica, Raffles Bulletin of Zoology; Records of the Western Australian Museum, Scientific Research and Essays, Sexual Development, South African Journal of Zoology, South American Journal of Herpetology, Species 2000 Europa, Steenstrupia, Systematic Biology, Toxicon, ZooKeys, Zoological Journal of the Linnean Society, Zoologica Scripta, Zoologische Mededelingen, Zoologische Reihe, Zootaxa.

Grant Reviewer - National Science Foundation (Systematic Biology, Physiology and Behavior, Functional Biology), National Research Council, Pennsylvania Academy of

Sciences, Pennsylvania Wild Resource Conservation Fund, Natural Sciences and Engineering Research Council of Canada, Natural Environment Research Council (United Kingdom), Deutsche Forschungsgemeinschaft, National Research Foundation (South Africa), Canon National Parks Science Scholars for the Americas, Rufford Conservation Grants, Jeffress Research Grant (Thomas F. and Kate Miller Jeffress Trust), African Biodiversity Information Centre Grant, International foundation for Science (Sweden).

Field Work:

Herpetological collecting and research in: Australia, New Zealand, New Caledonia, Fiji, Seychelles, Namibia, Swaziland, South Africa, Malawi, Zimbabwe, Botswana, Morocco, India, Sri Lanka, Kazakhstan, Japan, Malaysia, Singapore, China, Israel, Czech Republic, Poland, Germany, Mexico, Puerto Rico, Canada (Alberta), USA (chiefly Pennsylvania, North Carolina, South Carolina, Louisiana, Florida, Georgia, California, and Nevada).

Committee Work (Villanova University):

Internal Review Panel for the Department of Chemistry – Chair 2008
Graduate Committee - Director 2000-present
Selection Committee, Outstanding Faculty Scholar Award 2006-present
Dean's Committee on Animal Use in Teaching 2000
Faculty Evaluation Committee - 1997-1999, 2001-2003
Chair, Tenure Review Committee 1997, 1998
Sigma Xi Scholarship Committee 1997
Ecology and Evolution Curriculum Group - convenor 1993
Office of Space & Property Records Liaison – 1990-1995
Biology Research and Space Committee - chairman 1989-1992
Biology Undergraduate Advisory Committee 1989-1993, 1996-2001
Middle States Self-Study Library Committee 1989-1990
Falvey Library Collection Development Advisory Committee - chairman - 1993
Villanova Faculty Summer Grant Review Board 1989-present
Ad hoc Faculty Evaluation Committee (Biology) 1989-1990
Ad hoc Committee on the Master of Arts Examination (Biology) 1989
Ad hoc Committee to Establish Statement on Animal Use in Teaching 1990
Ad hoc Committee on Response to the Core Curriculum 1991
Graduate Student Research Fellowship Award Committee 1990, 1991
Goldwater Scholarship Review Panel 1991-1992
Truman, Rhodes & Fullbright Scholarship Review Panel 1991
Sigma Xi High School Science Teacher of the Year Award Panel 1991-1992
Sigma Xi Admissions Committee 1992-1993
Budget and Capital Improvements Committee (Biology) 1992-1993

Books in Progress:

Geckos – Answer Guide. Under contract to Johns Hopkins University Press
The Lizards and Amphisbaenians of Southern Africa. — a technical guide to the lizard fauna of Africa south of the Kunene and Zambezi Rivers. To be published by the

- Society for the Study of Amphibians and Reptiles.
The Reptiles of Namibia — a semi-popular guide to the reptiles of southwestern Africa.
Probable publisher: Struik Publishers, Cape Town.
The Phylogeny and Biology of Gekkotan Lizards — A phylogenetically informed synopsis of the biology of the Gekkota. Probable publisher: University of California Press.

Teaching Interests:

Herpetology, biogeography, functional and evolutionary morphology, systematic theory and application, evolutionary biology, biomechanics.

Current Research:

Systematics and evolutionary morphology of geckos and skinks; historical zoogeography of southern hemisphere vertebrates; evolution of island herpetofaunas; evolution of tail autotomy; ecology of tropical reptiles; causes of extinction in reptiles; specialized integumentary derivatives of lizards; comparative anatomy and evolution of digital patterns in reptiles; history of herpetology; developmental osteology of reptiles.

Invited Seminars:

2012. The Evolution of Gecko Toepads. East Stroudsburg University, East Stroudsburg, PA.
2011. Hands, Sands, and Southern Lands. Distinguished Herpetologist Lecture, American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, Minneapolis, Minnesota.
2011. Geckos: Phylogeny and Evolution. Alvernia University, Reading, Pennsylvania.
2010. New Phylogenies and New Species of Geckos from the south Pacific. Österreichische Gesellschaft für Herpetologie, Vienna, Austria.
2009. Advances in gekkotan systematics in the West Indies. University of Puerto Rico, Rio Piedras, PR.
2009. Morphological and molecular evidence for a new genus of sphaerodactyl lizard from South America. University of Puerto Rico, Rio Piedras, PR (with J. Daza and T. Gamble).
2009. Are geckos the model system of the future? Phylogeny, biogeography, and comparative biology of gekkotan lizards. Sam Houston State University, Huntsville, Texas.
2009. Gekkotan phylogeny and taxonomy: a 2009 update. Association of Zoos and Aquariums Reptile Taxonomic Advisory Group, Baltimore, Maryland.
2008. Are geckos the model system of the future? Phylogeny, biogeography, and comparative biology of gekkotan lizards. University of California, Berkeley, CA.
2008. Phylogeny of the Geckos of the World: Patterns of Temporal and Spatial Diversification in a Major Squamate Lineage. Virginia Tech University, Blacksburg, VA.
2007. Antiquarian Books in Biological Research in the Age of Information Technology. Philobiblon Club, Philadelphia, PA.
2007. Phylogenetic systematics of the Geckos of the World. Academy of Natural

- Sciences, Philadelphia, PA.
2006. Invited All-day Workshop: Taxonomy for molecular systematists and others. Herpetological Association of Africa Conference, Potchefstroom, South Africa
2006. Adaptation, accident, and earth history: the evolution of diversity in gekkotan lizards. The Natural History Museum, London.
2006. The geckos of New Caledonia, making sense of 50+ new species. Geckophile Gathering 2006, Austin, TX.
2006. Phylogeny and endemism in the lizard fauna of New Caledonia. Texas Tech University, Lubbock, TX.
2005. Antiquarian Books in modern systematic research. Princeton University, Princeton, NJ.
2005. Phylogeny and biogeography of the *Pachydactylus* group geckos of southern Africa. Cape Town Area Herpetology Group, Jonkershoek, South Africa.
2005. Radiations – adaptive and not: Temporal, spatial and genealogical diversity of geckos. University of Calgary, AB, Canada.
2004. Amphibians and Reptiles as Bioindicators. URS Corporation, Blue Bell, PA.
2003. Studies in Herpetological History: Antiquarian Books in Biological Research in the Age of Information Technology. Falvey Memorial Library Faculty Research Talk, Villanova University, Villanova, PA.
2002. Herpetological explorations in Gondwanaland: the evolution of lizards on southern continents. Moravian College, Bethlehem, PA.
2002. Reptiles of Arid Southern Africa. The Philadelphia Zoo, Philadelphia, PA.
2000. Herpetological Exploration in Africa and the Pacific. Academy of Natural Sciences, Philadelphia, PA.
2000. Herpetological Explorations in Gondwanaland. Falvey Memorial Library Faculty Research Talk, Villanova University, Villanova, PA.
1999. Substrate specificity in the evolution of Southern African gekkonid lizards. University of Richmond, VA.
1998. The evolution of diversity and endemism in African geckos. New York Herpetological Society, New York, NY.
1998. Substrate specificity in the evolution of Southern African gekkonid lizards. Namibia Scientific Society, Windhoek, Namibia.
1998. The evolution of diversity and endemism in African geckos. College of New Jersey, Ewing, NJ.
1998. Substrate specificity and the evolution of diversity and endemism in African geckos. University of Kansas, Lawrence, KS.
1997. Substrate specificity and the evolution of diversity and endemism in African geckos. Academy of Natural Sciences, Philadelphia, PA.
1997. Geckos of the southern hemisphere. Midwest Herpetological Symposium, Shakopee, Minnesota.
1996. The evolutionary, ethological, and ecological aspects of skin failure in gekkonid lizards. Drexel University, Philadelphia, PA.
1996. Weak skin as an evolutionary strategy for predator escape. St. Joseph's University, Philadelphia, PA.
1996. Herpetological explorations in southern Africa. Lehigh Valley Herpetological Society, Allentown, PA.

1996. Skin loss as an escape strategy in geckos: the biomechanics and evolutionary aspects of failure. Richard Stockton College, Pomona, N.J.
1996. Morphological specializations of the integumentary and locomotor systems in southern African geckos of the genus *Pachydactylus*. American Museum of Natural History, New York.
1995. The biology and conservation of the herpetofauna of New Caledonia and New Zealand. Port Elizabeth Herpetological Club, South Africa.
1994. Systematics, conservation and biology of the giant geckos (genus *Rhacodactylus*) of New Caledonia. Louisiana State University, Baton Rouge.
1993. Ecological and evolutionary aspects of skin loss in gekkonid lizards. University of Pennsylvania, Philadelphia.
1993. Herpetology of Australia, New Zealand and New Caledonia. Society for the Study of Amphibians and Reptiles Annual Meeting, Bloomington, Indiana.
1993. Island herpetofaunas of the Indian and Pacific Oceans. Lehigh Valley Herpetological Society, Allentown, Pennsylvania.
1993. Evolution, biomechanics and ecology of skin loss in island geckos. Millersville University, Millersville, Pennsylvania.
1993. Mechanics, morphology and evolutionary ecology of skin loss in lizards. Swarthmore College, Swarthmore, Pennsylvania.
1993. The biology of anuran and caudate amphibians. Hollins College, Roanoke, Virginia.
1992. Morphology, mechanics and evolution of skin loss as an escape strategy in lizards. University of Connecticut, Storrs, Connecticut.
1992. Skin morphology and mechanics of geckos: evolutionary and ecological constraints and significance. University of Stellenbosch, South Africa.
1992. Evolutionary patterns in island geckos. Louisiana State University, Baton Rouge, Louisiana.
1991. Historical patterns in the geckos of southern Africa: phylogeny, biogeography and evolutionary morphology. Louisiana State University, Baton Rouge, Louisiana.
1991. Skin-shedding in island geckos: a unique anti-predator escape strategy. West Chester University, West Chester, Pennsylvania.
1991. Structure, function and phylogeny: evolutionary patterns in reptiles. Wilkes University, Wilkes-Barre, Pennsylvania.
1990. Morphology and mechanics of geckos. Berry College, Rome, Georgia.
1990. Skin-shedding as an antipredator strategy in gekkonid lizards. Sigma Xi, Villanova University, Villanova, Pennsylvania.
1990. Oceanic islands as evolutionary laboratories: Darwin to the present. University of the Pacific, Stockton, California.
1990. The herpetofauna of New Zealand. Philadelphia Herpetological Society.
1989. Phylogenetic systematics and biogeography of the gekkonid lizards of southern Africa. University of Stellenbosch (South Africa).
1989. Historical Biogeography of the gekkonid lizards of the Pacific. The University of Puerto Rico, Rio Piedras.
1988. Gekkonid lizards: a case study in the evolutionary approach to vertebrate diversity. Trinity College, Hartford, Connecticut.
1988. Mimicry and allometry in reptiles and amphibians: old misconceptions and new

- perspectives. Savannah River Ecology Laboratory, Aiken, South Carolina.
1987. Systematics and biogeography of the geckos of the southwest Pacific. California Academy of Sciences, San Francisco, California.
1986. The evolution of gekkonid lizards in the South Pacific. University of Nevada at Las Vegas.
1984. Charles Darwin and the Voyage of the Beagle. The Hebrew University of Jerusalem, Israel.
1982. The species concept in the early works of Charles Darwin: 1828-1839. Michigan State University, East Lansing, Michigan.

Papers Presented:

2011. An Analysis of the Herpetofauna from the Pindai Caves of New Caledonia: An Example of Human-Induced Late Quaternary Extinction in the South Pacific? Society for Vertebrate Paleontology Meeting, Las Vegas, Nevada (with A. Kennedy).
2011. Minilizards: A Comparative Analysis of the Skull in Miniaturized Lineages within Squamata. IX. Congresso Latinoamericano de Herpetologia, Curitiba, Brazil (with J. Daza, P.M.S. Nunes, F.F. Curcio, and M. Trefaut Rodrigues).
2011. Phylogenetic relationships of the *Gekko* and *Gehyra* groups of geckos (Squamata: Gekkota: Gekkonidae). Societas Europaea Herpetologica Meeting, Luxembourg (with M. Heinicke and T.R. Jackman).
2011. An amber-embedded sphaerodactyl and the morphological evolution of Sphaerodactylidae. American Society of Ichthyologists and Herpetologists/ Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, Minneapolis, Minnesota (with J.D. Daza).
2011. Phylogenetic Relationships of the "*Gehyra* Group" Geckos. American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, Minneapolis, Minnesota (with T.R. Jackman, M.P. Heinicke, and E. Greenbaum).
2011. Phylogeny and Patterns of Diversification in the *Pachydactylus* Group (Gekkota: Gekkonidae). American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, Minneapolis, Minnesota (with M.P. Heinicke and T.R. Jackman).
2011. Comparative Phylogeography of two Wide-ranging Geckos: Cryptic Species in Southern Africa. American Society of Ichthyologists and Herpetologists/ Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, Minneapolis, Minnesota (with H. Heinz and T.R. Jackman).
2011. Multilocus Systematics and Divergence Times of New Caledonian Diplodactylids. American Society of Ichthyologists and Herpetologists/ Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, Minneapolis, Minnesota (with P. Skipwith and T.R. Jackman).
2011. An Example of Human Associated Faunal Change from a Late Quaternary Fossil Herpetofauna of New Caledonia. American Society of Ichthyologists and Herpetologists/ Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, Minneapolis, Minnesota (with A. Kennedy).
2011. Morphology of the gekkotan nasal region. American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and

- Reptiles Joint Meeting, Minneapolis, Minnesota (with T. Cazzolli).
2011. Recent advances in the systematic of *Pachydactylus* (Squamata: Gekkota). Herpetological Association of Africa Conference, Cape Town, South Africa (with M. Heinicke and T. Jackman).
2011. Phylogeography of a wide-ranging Gecko: cryptic species in the *Chondrodactylus turneri* complex (Squamata: Gekkonidae). Herpetological Association of Africa Conference, Cape Town, South Africa (with H. Heinz and T. Jackman).
2010. The first finds of gekkotan lizards in the Tertiary of the Czech Republic. Slovensko-Polsko-Česká Paleontologická Konference, Prague, Czech Republic (with A. Čerňanský).
2010. The Evolution of Locomotor Diversity in Geckos (Plenary Lecture). XI Congreso Asociación Herpetológica Argentina, Buenos Aires, Argentina.
2010. A Late Quaternary Herpetofauna from the Pindai Caves, New Caledonia: Insights into the Effect of Human Habitation on Insular Biotas. Society for Vertebrate Paleontology Conference, Pittsburgh, Pennsylvania (with A. Kennedy).
2010. The Evolution of the Adhesive Mechanism of Geckos. 49th Annual Meeting of the Herpetological Society of Japan, Yokohama, Japan.
2010. The vocal apparatus of “reptiles”: form and function. International Congress of Vertebrate Morphology, Punta del Este, Uruguay (with A.P. Russell, L. Powell, and M. Leung).
2010. Molecular phylogenetics of New Caledonian diplodactylid geckos. American Society of Ichthyologists and Herpetologists/Herpetologists’ League/Society for the Study of Amphibians and Reptiles Joint Meeting, Providence, Rhode Island (with P.L. Skipwith and T.R. Jackman).
2010. A Late Quaternary fossil herpetofauna from Pindai Caves, New Caledonia: Insights into the effect of human habitation on island herpetofaunas. American Society of Ichthyologists and Herpetologists/Herpetologists’ League/Society for the Study of Amphibians and Reptiles Joint Meeting, Providence, Rhode Island (with A. Kennedy).
2010. Phylogeny and taxonomy of tropical Asian *Hemidactylus* (Squamata: Gekkota: Gekkonidae). American Society of Ichthyologists and Herpetologists/Herpetologists’ League/Society for the Study of Amphibians and Reptiles Joint Meeting, Providence, Rhode Island (with Eli Greenbaum and T.R. Jackman).
2010. Phylogeography of a wide-ranging African gecko: cryptic species in the *Chondrodactylus turneri* complex (Squamata: Gekkonidae). American Society of Ichthyologists and Herpetologists/Herpetologists’ League/Society for the Study of Amphibians and Reptiles Joint Meeting, Providence, Rhode Island (with H. Heinz and T.R. Jackman).
2010. Systematics and Biogeography of the Genus *Cnemaspis* Strauch 1887. American Society of Ichthyologists and Herpetologists/Herpetologists’ League/Society for the Study of Amphibians and Reptiles Joint Meeting, Providence, Rhode Island (with S. Biswas, T.R. Jackman and K. Shanker).
2010. Morphology of the gekkotan nasal region. American Society of Ichthyologists and Herpetologists/Herpetologists’ League/Society for the Study of Amphibians and Reptiles Joint Meeting, Providence, Rhode Island (with T. Cazzolli).
2010. Phylogeography of Peruvian Geckos in the *Phyllodactylus microphyllus* Group. American Society of Ichthyologists and Herpetologists/Herpetologists’

- League/Society for the Study of Amphibians and Reptiles Joint Meeting, Providence, Rhode Island (with F. Valdez, E. Greenbaum, and T. Gamble).
2009. Global Gekkotan Phylogenetics and Geckos as Evolutionary Models. Texas Herpetological Society Symposium, College Station, Texas.
2009. New Perspectives on Gekkotan Systematics: Geckos as a Model Evolutionary Organisms. Societas Europaea Herpetologica Meeting, Kusadasi, Turkey.
2009. Darwin's amphibians and reptiles. American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, Portland, Oregon (with C.J. McCarthy).
2009. Phylogeny and phylogeography of the *Trachylepis varia* and *T. striata* species groups (Squamata: Scincidae). American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, Portland, Oregon (with B. Eck and T.R. Jackman).
2009. Asexuality on the beach: phylogeny, biogeography and the origin of parthenogenesis in *Leiolepis*. American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, Portland, Oregon (with J. Grismer, T. Jackman, K. Thirakhupt, A. Aowphol, L.L. Grismer, K.O. Chan, and P. Wood, Jr.).
2009. Phylogenetic relationships of "the *Gekko* group" geckos. American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, Portland, Oregon (with T.R. Jackman and E. Greenbaum).
2009. Something old in New Zealand: dating suggests possible Gondwanan connections for New Zealand's endemic geckos. American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, Portland, Oregon (with S. Nielsen, T.R. Jackman, and B. Noonan).
2009. Systematics of the genus *Acanthosaura* Gray 1931 (Squamata: Agamidae) inferred from mitochondrial and nuclear genes. American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, Portland, Oregon (with P. Wood, Jr., T.R. Jackman, L. Grismer, K. Thirakhupt, A. Aowphol, J. Grismer, K.O. Chan, and A. Norhayati).
2009. Biology of the New Caledonian skink fauna. Part 1. Why did the *Tropidoscincus* lose its stripes, and other unsolved mysteries. Joint Australasian Herpetological Societies Meeting, Auckland, New Zealand (with Glenn Shea, Hervé Jourdan, and Ross Sadlier)
2008. Phylogenetic affinities of the Namaqua day gecko, *Phelsuma ocellata* revisited ... again. Herpetological Association of Africa Meeting, Sterkfontein Dam, South Africa (with T.R. Jackman and E. Greenbaum).
2008. SARCA: The final countdown. Herpetological Association of Africa Meeting, Sterkfontein Dam, South Africa (with M. de Villiers, G.J. Alexander, M.F. Bates, W.R. Branch, M. Burger, J. Marais, and René Navarro).
2008. A world perspective on collecting reptiles and amphibians — permit issues. Herpetological Association of Africa Meeting, Sterkfontein Dam, South Africa
2008. Phylogenetic relationships of the Italian gekkotan fauna. Societas Herpetologica Italica Conference, Oristano, Italy (with T.R. Jackman, E. Greenbaum and T.

- Gamble).
2008. Plenary lecture: A spatial and temporal history of the geckos of the world. Sixth World Congress of Herpetology, Manaus, Brazil.
2008. Phylogeny of the gekkotan lizards of the world. American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, Montréal, Canada (with T.R. Jackman, E. Greenbaum and T. Gamble).
2008. Into the light: opsin evolution and multiple origins of diurnality in geckos. American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, Montréal, Canada (with T. Gamble and A. Simons).
2008. Phylogenetic affinities of the Namaqua day gecko, *Phelsuma ocellata*. American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, Montréal, Canada (with T.R. Jackman, E. Greenbaum and T. Gamble).
2008. Molecular systematics of the geckos of New Zealand. American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, Montréal, Canada (with S. Nielsen and T.R. Jackman).
2007. Plenary lecture: Phylogeny of the geckos of the world: an Australasian perspective. Australian Society of Herpetologists, Albany, Western Australia.
2007. Phylogeny of the geckos of the world. Societas Europaea Herpetologica, Porto, Portugal (with T.R. Jackman, E. Greenbaum, and T. Gamble).
2007. Linnaeus and pre-Linnaean sources. American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, St. Louis, Missouri.
2007. Phylogenetic relationships of a trans-Atlantic clade of gekkonid lizards. American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, St. Louis, Missouri (with T.R. Jackman, E. Greenbaum and T. Gamble).
2007. The polyphyly of Old world leaf-toed geckos. American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, St. Louis, Missouri (with T.R. Jackman, E. Greenbaum and T. Gamble).
2007. Evidence for Gondwanan vicariance in an ancient clade of gecko lizards. American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, St. Louis, Missouri (with T.R. Jackman, E. Greenbaum and T. Gamble).
2007. Phylogenetic relationships of Australian geckos of the genus *Oedura*. American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, St. Louis, Missouri (with T. Hobbie, T.R. Jackman, and E. Greenbaum).
2007. A temporal and spatial history of the geckos of the world. Evolution 2007 Meeting, Christchurch, New Zealand (with T. Jackman, E. Greenbaum and T. Gamble).
2007. Phylogenetic relationships of the New Zealand gecko genera *Hoplodactylus* and *Naultinus*. Evolution 2007 Meeting, Christchurch, New Zealand (with S. Nielsen, T.

- Jackman and E. Greenbaum).
2007. Systematics and Biogeography of the Geckos of the Mediterranean Ecosystem. First Mediterranean Herpetological Congress, Marrakech, Morocco (with T.R. Jackman and E. Greenbaum).
2006. Lizard systematics and biogeography of southern Africa. Herpetological Association of Africa Conference, Potchefstroom, South Africa.
2006. Phylogenetic relationships of Madagascan *Paroedura* (Sauria: Gekkonidae). Herpetological Association of Africa Conference, Potchefstroom, South Africa (with E. Greenbaum, M. Vences and T. Jackman).
2006. Molecular phylogenetics of *Typhlosaurus* and its relationships to other acontine skinks. Herpetological Association of Africa Conference, Potchefstroom, South Africa (with T. Lamb).
2006. A phylogeny of the enigmatic Madagascan geckos of the genus *Uroplatus*. Herpetological Association of Africa Conference, Potchefstroom, South Africa (with E. Greenbaum, T. Jackman, M. Vences and F. Glaw).
2006. Phylogenetic inferences among Southern African sand lizards, *Pedioplanis* (Sauria: Lacertidae) reveal cryptic diversity. Herpetological Association of Africa Conference, Potchefstroom, South Africa (with J.S. Makokha, W. Mayer and C. Matthee).
2006. Systematics of south Asian *Hemidactylus* (Squamata: Gekkonidae). American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, New Orleans, Louisiana (with T. Jackman, E. Greenbaum, V. Giri and A. De Silva).
2006. Phylogeny of the enigmatic Madagascan geckos of the genus *Uroplatus*. American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, New Orleans, Louisiana (with T. Jackman, E. Greenbaum, M. Vences and F. Glaw).
2006. Phylogenetic relationships of the endemic New Zealand diplodactylid gecko radiation. American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, New Orleans, Louisiana (with T. Jackman, R. Hitchmough and E. Greenbaum).
2006. On the monophyly of *Typhlosaurus* and its phylogenetic status among Africa's acontine skinks. American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, New Orleans, Louisiana (with T. Lamb).
2006. Molecular phylogenetics of sand lizards, *Pedioplanis* (Sauria: Lacertidae). American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, New Orleans, Louisiana (with S.J. Makokha and C. Matthee).
2005. Phylogeny and microendemism of the New Caledonian lizard fauna. *Societas Europaea Herpetologica*, Bonn, Germany.
2005. A new genus and species of gecko in amber from the Early Eocene of Russia. American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, Tampa, Florida.
2005. Footprints in the Sand: convergent evolution of burrowing specializations in the *Pachydactylus* group geckos of southern Africa. Fifth World Congress of

- Herpetology, Stellenbosch, South Africa (with T. Lamb).
2005. Biogeographic and phylogenetic patterns among African gekkonid lizards. Fifth World Congress of Herpetology, Stellenbosch, South Africa.
2004. Molecular phylogenetics of Malagasy “scincine” skinks (Squamata: Scincidae). Herpetological Association of Africa Conference, Port Elizabeth, South Africa (with A. Whiting and J. Sites).
2004. Systematics of the geckos of the *Pachydactylus serval* and *P. weberi* groups. Herpetological Association of Africa Conference, Port Elizabeth, South Africa (with T. Lamb and W.R. Branch).
2004. Molecular phylogenetics of the *Pachydactylus* group of geckos and independent reduction of subdigital lamellae in the Namib-Kalahari ground-dwelling geckos. Herpetological Association of Africa Conference, Port Elizabeth, South Africa (with T. Lamb).
2004. Systematics and biogeography of the *Bavayia cyclura* complex of New Caledonian geckos. American Society of Ichthyologists and Herpetologists/Herpetologists’ League/Society for the Study of Amphibians and Reptiles Joint Meeting, Norman, Oklahoma (with T. Jackman).
2004. Footprints in the sand: independent reduction of subdigital lamellae in the Namib-Kalahari ground-dwelling geckos. American Society of Ichthyologists and Herpetologists/Herpetologists’ League/Society for the Study of Amphibians and Reptiles Joint Meeting, Norman, Oklahoma (with T. Lamb).
2004. Biogeographic patterns in African geckos of the genus *Pachydactylus* (Squamata: Gekkonidae). African Biodiversity — Molecules, Organisms, Ecosystems, Bonn, Germany.
2004. Higher order relationships among gekkotan lizards. Squamate Evolution and Systematics: A Conference honour of Garth Underwood, Linnean Society, London, United Kingdom.
2004. Phylogenetics and the evolutionary morphology of African lizards. Society for Integrative and Comparative Biology, New Orleans, Louisiana.
2003. Molecular systematics of the diplodactylid geckos of New Caledonia. Societas Europaeae Herpetologica, St. Petersburg, Russia (with T. Jackman).
2003. The confiscation and replacement of herpetological collections by France under the First Republic and Empire Societas Europaeae Herpetologica, St. Petersburg, Russia (with P. Daszkiewicz).
2003. Molecular systematics of the New Caledonian geckos *Rhacodactylus* and *Eurydactylodes* (Squamata: Diplodactylidae). Society for Research on Amphibians and Reptiles in New Zealand, Whakatane, New Zealand (with T. Jackman and M. Kiebish).
2003. Molecular systematics of New Caledonia’s endemic skinks. Society for Research on Amphibians and Reptiles in New Zealand, Whakatane, New Zealand (with S.A. Smith and R. Sadlier).
2003. Molecular systematics of the New Caledonian forest geckos (Diplodactylidae: *Bavayia*). Society for Research on Amphibians and Reptiles in New Zealand, Whakatane, New Zealand (with T. Jackman and M. Kiebish).
2002. Molecular systematics of the New Caledonian forest geckos (Diplodactylidae: *Bavayia*). American Society of Ichthyologists and Herpetologists/Herpetologists’

- League/Society for the Study of Amphibians and Reptiles Joint Meeting, Kansas City, Missouri (with T. Jackman and M. Kiebish).
2002. Molecular systematics of the giant New Caledonian geckos (Diplodactylidae: *Rhacodactylus*). American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, Kansas City, Missouri (with T. Jackman and M. Kiebish).
2002. Limb loss in scincid lizards: a comparison of character optimization methods. American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting, Kansas City, Missouri (with A. Whitting and J. Sites).
2002. A composite owl and human midden from a cave near Moindou, New Caledonia: initial results. Pacific Archaeology: Assessments & Prospects, Noumea, New Caledonia (with J.A. Grant-Mackie, B.M. Fitzgerald, and M.J. Tyler). Conférence Internationale pour le Cinquantenaire de la Première Fouille de Lapita (Juillet 1952). Archéologie du Pacifique: Bilans et Perspectives.
2001. Phylogeny of the *Pachydactylus* group geckos of southern Africa. Herpetological Association of Africa Symposium, Stellenbosch, South Africa (with T. Lamb).
2001. Diversity and Conservation of New Caledonian lizards. Herpetological Association of Africa Symposium, Stellenbosch, South Africa (with R.A. Sadlier).
2001. Phylogenetic relationships of *Scelotes* (Scincidae) based on molecular data. Herpetological Association of Africa Symposium, Stellenbosch, South Africa (with A. Whitting and J. Sites).
2001. On the systematic status of the desert plated lizard (*Angolosaurus skoogi*): a molecular phylogenetic approach. Herpetological Association of Africa Symposium, Stellenbosch, South Africa (with T. Lamb, W.R. Branch, and A. Meeker).
2001. Phylogenetic systematics of *Gerrhosaurus* Wiegmann (Squamata: Gerrhosauridae) based on morphological data. Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting., Indianapolis, Indiana (with S.M. Locketto).
2001. On the systematic status of the desert plated lizard (*Angolosaurus skoogi*): a molecular phylogenetic approach. Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting., Indianapolis, Indiana (with T. Lamb, A. Meeker, and W.R. Branch).
2001. Does *Hypsilurus godeffroyi* really occur at its type locality?. Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting., Indianapolis, Indiana (with G.J. Watkins-Colwell).
2001. The evolution of reptile diversity and endemism in New Caledonia. Societas Europaea Herpetologica 11th Ordinary general Meeting, Zalec, Slovenia.
2001. The relationship of leaf anatomy and biomechanical properties to drought tolerance in *Caeanothus megacarpus* and *C. spinosis*. Linnaean Society, London, England (with R.A. Balsamo, S.D. Davis, and C.S. Giardino).
2000. The systematics, biogeography, and ecology of the reptiles of New Caledonia. Fourth Asian Herpetological Conference, Chengdu, China.
2000. New and rediscovered geckos from Peninsular India: implications for biogeography. Fourth Asian Herpetological Conference, Chengdu, China (with I. Das).
2000. Systematics of the *Pachydactylus rugosus* group of southern African geckos

- (Reptilia: Gekkonidae). American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting., La Paz, Mexico (with T. Lamb).
2000. On the dating and correct citation of A.F.A. Wiegmann's "Amphibien" section of Meyen's *Reise um die Erde*. American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting.
1999. The thick-toed geckos, *Pachydactylus*, of southern Africa. International Herpetological Symposium, San Diego, California.
1999. Phylogeny of the the large-bodied *Pachydactylus* (Squamata: Gekkonidae). American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting. State College, Pennsylvania (with T. Lamb).
1999. Systematics of the New Caledonian gecko genus *Bavayia* (Squamata: Diplodactylidae). American Society of Ichthyologists and Herpetologists/Herpetologists' League/Society for the Study of Amphibians and Reptiles Joint Meeting. State College, Pennsylvania (with J. Wright and T. Lamb).
1998. The terrestrial reptiles of New Caledonia: the evolution of a highly endemic island herpetofauna. Kansas Herpetological Society Meeting, Lawrence, Kansas.
1998. Phylogenetic systematics of the large-bodied members of the genus *Pachydactylus* (Reptilia: Gekkonidae). 5th Herpetological Association of Africa Symposium, Stellenbosch, South Africa.
1998. The use of unconventional integumentary characters in the reconstruction of squamate phylogeny. 3rd Asian Herpetological Conference, Almaty, Kazakhstan.
1998. Geckos of the Southern Hemisphere, or why rocks are better than trees. International Herpetological Symposium, Cincinnati, Ohio.
1998. The terrestrial reptiles of New Caledonia: the origin of a diverse and highly endemic island herpetofauna. Symposium on Diversity of Reptiles, Amphibians and Other Terrestrial Animals on Tropical Islands: Origin, Current Status and Conservation, Nishihara, Okinawa, Japan.
1997. Early herpetological collections from Southern Africa in the Zoological Museum of Berlin. III World Congress of Herpetology, Prague, Czech Republic.
1997. Systematics, biogeography and conservation of the African Gekkonoidea. III World Congress of Herpetology, Prague, Czech Republic.
1997. The taxonomy of the southern African leaf-toed geckos. III World Congress of Herpetology, Prague, Czech Republic. (with W.R. Branch and D.A. Good).
1997. The larynx and trachea of the barking gecko *Ptenopus garrulus maculatus* in relation to vocalization. III World Congress of Herpetology, Prague, Czech Republic. (with A.P. Russell and D. Rittenhouse).
1997. Cladogenesis in the leaf-toed geckos (Squamata: Gekkonidae: *Phyllodactylus*) of the Cape Fold Mountains of South Africa. II Southern Connection Congress, Valdivia, Chile.
1997. Allozyme evidence for the phylogeny of the giant New Caledonian geckos (Squamata: Diplodactylidae: *Rhacodactylus*), with comments on intraspecific variation. Society for Research on Amphibians and Reptiles in New Zealand, Kaikoura, New Zealand. (with D.A. Good and R.A. Sadlier).

1996. Allozyme evidence for the phylogeny of the New Caledonian giant geckos (*Rhacodactylus*). Society for the Study of Amphibians and Reptiles, Lawrence, Kansas. (with D.A. Good and R.A. Sadlier).
1995. New species of geckos allied to *Pachydactylus namaquensis*. Herpetological Association of Africa Symposium, St. Lucia, South Africa. (with W.R. Branch and D.A. Good).
1995. Phylogenetic relationships of the Namib day geckos of the genus *Rhoptropus*. Herpetological Association of Africa Symposium, St. Lucia, South Africa. (with W.R. Branch and D.A. Good).
1995. A revision of the *Phyllodactylus lineatus* complex of geckos. Herpetological Association of Africa Symposium, St. Lucia, South Africa. (with W.R. Branch and D.A. Good).
1995. New gekkonid lizards from the Cape Provinces of South Africa. Societas Europaea Herpetologica Meeting, Bonn, Germany. (with D.A. Good and W.R. Branch).
1995. Cryptic species of South African geckos. Society for the Study of Amphibians and Reptiles Meeting, Boone, North Carolina. (with D.A. Good and W.R. Branch).
1995. Phylogenetic relationships of the Namib day geckos, genus *Rhoptropus* (Reptilia: Gekkonidae). American Society of Ichthyologists and Herpetologists/ Herpetologists' League Meeting, Edmonton, Canada. (with D.A. Good).
1995. The gekkonine geckos of southwestern Africa. International Gecko Society Symposium, Palm Springs, California.
1995. A GIS-based analysis of reptile distribution in New Caledonia. Pacific Science Congress, Beijing, China. (with R.A. Sadlier and J. Kluber).
1994. Biology and conservation of the giant New Caledonian geckos of the genus *Rhacodactylus*. International Herpetological Symposium, New Orleans, Louisiana.
1994. An overview of 20th Century amphibian and reptile discoveries. International Society of Cryptozoology Meeting, Normal, Illinois.
1994. Phylogenetic and ecological correlates of skink- and gecko-dominated herpetofaunas of the Old World. International Symposium on Systematics and Biodiversity in Tropical Ecosystems, Bonn, Germany.
1994. Functional, ontogenetic and phylogenetic constraints in the digital morphology of gekkonid lizards. Second World Congress of Herpetology, Adelaide, Australia. (with A.P. Russell).
1994. Regional integumentary loss as an antipredator strategy in lizards. Second World Congress of Herpetology, Adelaide, Australia. (with A.P. Russell).
1994. The herpetological contributions of Wilhelm Peters (1815-1883) and the role of the Zoologisches Museum (Berlin) in the herpetological community of his era. Second World Congress of Herpetology, Adelaide, Australia. (with R. Günther).
1993. Patterns of endemism in New Caledonia and the Isle of Pines. Second World Congress of Herpetology, Adelaide, Australia.
1993. Phylogenetic relationships of lizard families. Third Symposium on African Herpetology, Pretoria, South Africa.
1993. Review of the systematics and biology of southern African *Phyllodactylus*. Third Symposium on African Herpetology, Pretoria, South Africa. (with W.R. Branch).
1993. Patterns of phylogenetic relationship of the carphodactyline geckos of New Caledonia. Societas Europaea Herpetologica Meeting, Barcelona, Spain. (with D.A.

- Good).
1993. Recent advances and events in Old World cryptoherpetology. International Society of Cryptozoology Meeting, Villanova, Pennsylvania.
1993. Rediscovery, systematics, and natural history of the South African gecko, *Phyllodactylus peringueyi*. American Society of Ichthyologists and Herpetologists/Herpetologists' League Meeting, Austin, Texas. (with W.R. Branch).
1993. A molecular analysis of phylogenetic relationships in the genus *Rhacodactylus* (Reptilia: Gekkonidae). American Society of Ichthyologists and Herpetologists/Herpetologists' League Meeting, Austin, Texas. (with D.A. Good).
1992. Morphological correlates of the secondarily symmetrical pes of the tokay gecko (Reptilia: Gekkonidae). American Society of Zoologists Meeting, Vancouver, British Columbia. (with A.P. Russell and R. Laroiya).
1992. Caudal morphology and caudal autotomy in prehensile-tailed carphodactyline geckos. American Society of Zoologists Meeting, Vancouver, British Columbia. (with A.P. Russell).
1992. Skin morphology and mechanics of African gekkonine geckos. New England Regional Meeting of the Division of Vertebrate Morphology, American Society of Zoologists, Yale University, New Haven, Connecticut.
1992. Phylogenetic systematics of carphodactyline geckos and the contribution of the Squamata to the cladistic biogeography of New Caledonia. Willi Hennig Society Meeting, Paris, France.
1992. Skin mechanics and morphology in southern African *Pachydactylus* geckos. Zoological Society of Southern Africa Meeting, Kimberley, South Africa. (with A.P. Russell and R.E. Shadwick).
1992. Tail break frequencies in gekkonid lizards: a test of the hypothesis of reduced autotomic frequency in "functionally active" tails. Canadian Society of Zoologists Meeting, Antigonish, Nova Scotia. (with A.P. Russell).
1991. Regional integumentary loss as an escape strategy in island gekkonid lizards. Societas Europaea Herpetologica Meeting, Budapest, Hungary. (with A.P. Russell).
1991. The terrestrial reptiles of New Caledonia: Conservation of a highly endemic insular herpetofauna. American Society of Ichthyologists and Herpetologists Meeting, New York, New York.
1991. Phylogenetic systematics and biogeography of the carphodactyline geckos of New Caledonia. Pacific Science Congress, Honolulu, Hawaii.
1991. Herpetofaunal patterns in Kamanjab and adjacent Damaraland, Namibia. Second African Herpetological Congress, Bloemfontein, South Africa.
1991. The status of *Phyllodactylus peringueyi* (Reptilia: Gekkonidae), Second African Herpetological Congress, Bloemfontein, South Africa. (with W.R. Branch).
1990. Mechanics and morphology of fragile skin in the gecko *Sphaerodactylus roosevelti*. American Society of Zoologists Meeting, San Antonio, Texas. (with A.P. Russell and R.E. Shadwick).
1990. Structure of the vocal apparatus of the tokay (*Gekko gekko*). American Society of Zoologists Meeting, San Antonio, Texas. (with A.P. Russell).
1990. African-South American relationships: a perspective from the Reptilia. 37th Systematics Symposium, Missouri Botanical Garden, St. Louis.
1990. The locomotor function of the m. caudofemoralis as a constraint on tail autotomy

- in lizards. Herpetologists' League/Society for the Study of Amphibians and Reptiles Meeting, New Orleans, Louisiana. (with A.P. Russell).
1990. A SEM, TEM, and LM study of kinetoplastid flagellates from the intestine of *Bradypodion*. Herpetologists' League/Society for the Study of Amphibians and Reptiles Meeting, New Orleans, Louisiana. (with N.R. Dollahon, M. McCusker and L. DiCola).
1990. The connection between cryptozoology and folklore: case histories from the Maori and Basotho peoples. International Society for Cryptozoology/The Folklore Society Joint Meeting, Guildford, United Kingdom. (with A.P. Russell).
1990. Pedal morphology of dune-dwelling gekkonid lizards. Canadian Society of Zoologists Meeting, Burnaby, British Columbia. (with A.P. Russell).
1990. The m. caudofemoralis and its relationship to locomotion and caudal autotomy in lizards. Canadian Society of Zoologists Meeting, Burnaby, British Columbia. (with A.P. Russell).
1989. Phylogenetic patterns and morphological convergence of the insular gekkonid faunas of the Pacific and Indian Oceans. First World Congress of Herpetology, Canterbury, United Kingdom.
1989. Pedal specializations for dune-dwelling in geckos, with special reference to *Palmatogecko rangei*. Dunes '89 Symposium, Swakopmund, Namibia (with A. P. Russell).
1989. Phylogeny and biogeography of the geckos of southern Africa and the Indian Ocean. Symposium on Vertebrate Biogeography and Systematics in the Tropics, Bonn, Federal Republic of Germany.
1989. Hypertrophied phalangeal chondroepiphyses in the gekkonid lizard genus *Phelsuma*. Fourth International Vertebrate Morphology Congress, Antwerp, Belgium (with A. P. Russell).
1989. The mechanics of fragile lizard skin. Organismal Biology Symposium, Villanova University.
1988. Morphological and mechanical aspects of integumentary autotomy in the gecko *Ailuroonyx*. American Society of Zoologists Meeting, San Francisco, California (with A. P. Russell and R. E. Shadwick).
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