

Curriculum Vitae: **Brian I. Crother*****Personal Data:***

Address: Department of Biological Sciences  
Southeastern Louisiana University  
Hammond, LA 70402

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E-mail bcrother@selu.edu

***Education:***

1983: B.S. in Biology, California State University at Dominguez Hills  
1989: Ph.D. in Biological Sciences, The University of Miami (FL).

***Professional Experience:***

## ADMINISTRATIVE POSITIONS:

Assistant Dean, College of Science and Technology, Southeastern, June 2005-August 2011, August 2013 –  
Interim Department Head, Southeastern, August 2011 – 2013

## TEACHING POSITIONS:

Teaching Assistant, University of Miami, 1983-1988: General Biology, Genetics  
Lab Instructor, College of the Bahamas, Spring 1984: General Zoology and Botany  
Lecturer, College of the Bahamas, Summer 1984: Genetics and Evolution  
Lecturer, University of Miami, Summer 1986: Elementary Ecology  
Teaching Assistant, University of Miami, Spring 1987: Tropical Field Biology  
Lecturer, University of Miami, Summer 1988: Genetics  
Lecturer, University of Texas @ Austin, Fall 1989: Evolution, Ecology, and Society  
Lecturer, University of Texas @ Austin, Spring 1990: Human Physiology  
Assistant Professor, Southeastern, Fall 1991 - Spring 1995  
Associate Professor, Southeastern, Spring 1995 - 2001  
Full Professor, Southeastern, Fall 2001- current  
Undergraduate Courses Taught: Genetics, Genetics Laboratory, General Zoology, General Biology, General Biology Laboratory, Evolution, Professional Aspects of Biology, Senior Seminar in Biology, Biogeography, Field Zoology, Tropical Field Ecology.

Graduate Courses: Historical Ecology, Systematic Herpetology, Herpetology, Systematics, Biogeography, Annual Review of Systematics and Ecology Seminar.

POST-DOCTORAL POSITIONS:

Texas Memorial Museum, September 1988 - September 1990

David Hillis, Department of Zoology, University of Texas at Austin, September 1988 - June 1990

CURATORIAL POSITIONS:

Assistant Curator, Division of Herpetology, University of Southern California, Feb.-Aug. 1982

Assistant Curator, CRE collection, University of Miami, 1983-88

Assistant Curator, Texas Natural History Collection, Texas Memorial Museum, University of Texas, Austin, Aug. 1988-Aug. 1989

ADJUNCT POSITIONS:

San Diego Museum of Natural History

Florida State University, Dept. of Biology

University of Oklahoma, Dept. of Biology

OTHER POSITIONS:

Senior Biologist/Environmental Consultant, ERC Environmental and Energy Services Co., San Diego, Ca., July 1990-August 1991

FIELD WORK:

Mexico, Costa Rica, Bahamas, Puerto Rico, Haiti, Dominican Republic, Cuba, Jamaica, US, Guinea

***Honors, Awards, and Grant Support:***

Deans List, CSU Dominguez Hills

Awarded: Tropical Biology Fellowship, Department of Biology and Graduate School, University of Miami, 1984-1986

Awarded: Jessie Smith Noyes Foundation Grant (\$1460.00), 1985

Awarded: Maytag Fellowship, University of Miami, 1986-1987

Awarded: SLU Faculty Development Grant (\$1889.00), Summer 1992-1993

Awarded: LEQSF Research and Development Grant (\$30,000.00), 1992 - 1993

Awarded: NSF RUI Grant (\$170,000.00), 1992 - 1997

Awarded: USFWS Grant (\$1500.00), 1993

Awarded: SLU Faculty Development Grant (\$1687.25), 1993-94

Awarded: NSF REU Grant (\$7200.00), 1994

Awarded: LEQSF Teaching Improvement Grant (\$42,000.00), 1994-1995

Awarded: SLU Faculty Development Grant (\$2000.00), 1994-1995

Awarded: NSF Teaching Improvement Grant (\$15,797.00), 1994-1996

Awarded: NSF ROA Grant (\$12,439.00), 1995

Awarded: USFWS Grant (\$1000.00), 1995

Awarded: Who's Who Among America's Teachers, 1995  
 Awarded: SLU Faculty Development Grant (\$1760.00), 1995-1996  
 Awarded: SLU Faculty Development Grant (\$1760.00), 1996-1997  
 Awarded: SLU Faculty Development Grant (\$1940.00), 1998-1999  
 Awarded: SLU Faculty Development Grant (\$1680.00), 1999-2000  
 Awarded: President's Award for Excellence in Research 1999  
 Awarded: SLU Faculty Development Grant (\$1940.00), 2000-2001  
 Awarded: USFWS Grant (\$5000.00), 2000-2001  
 Awarded: USFWS Grant (\$27,000), 2001-2005  
 Awarded: SLU Faculty Development Grant (\$2000.00), 2001-2002  
 Awarded: EPA (\$95,000) 2002-2005  
 Awarded: SLU Faculty Development Grant (\$2000.00), 2002-2003  
 Awarded: SLU Faculty Development Grant (\$2000.00), 2003-2004  
 Awarded: SLU Faculty Development Grant (\$2000.00), 2004-2005  
 Awarded: SLU Faculty Development Grant (\$2000.00), 2005-2006  
 Awarded: Louisiana BOR Grant (\$47,999), 2006-2007  
 Awarded: Louisiana EPSCOR Pfund (\$10,000), 2008-2009  
 Awarded: COYPU Foundation grant (\$47,972), 2010  
 Awarded: COYPU Foundation grant (\$96,500), 2011  
 Awarded: Duane and Catherine Shafer Professorship 2012-  
 Awarded: LDWF Grant (\$77,317), 2014-2016

### *Administrative Activities*

#### University of Miami (Fl)

BGSA Vice-President, U. of Miami, 1983-1984  
 BGSA President, U. of Miami, 1987-1988

#### Southeastern Louisiana University

University Safety Committee  
 Chair, Seminar Committee  
 Outstanding Biology Student Committee  
 Freshman Biology Committee  
 Turtle Cove Advisory Committee  
 Personnel Committee  
 Graduate Faculty Committee  
 Graduate Admissions Committee  
 Advisory Building Committee - New Sports and Recreation Building  
 Chair, Advisory Building Committee - New Biology Building (Department)  
 Advisory Building Committee - New Biology Building (University)  
 Search Committee, Assistant Director of Sports and Recreation  
 Search Committee, Conservation Biologist  
 Search Committee, Biochemist  
 Search Committee, Immunologist/Virologist  
 Advisor: Biology Graduate Student Organization

Undergraduate Advisor  
 Post-Tenure Review Committee  
 University Excellence in Research Subcommittee  
 Search Committee, Plant Evolutionary Geneticist  
 Chair, Search Committee, Ichthyologist  
 Chair, Department Outside Review Committee  
 Chair, College of S&T Graduate Credentials Committee  
 College of S&T Curriculum Committee  
 Dept. of Computer Science and Industrial Technology Advisory Committee  
 Advisor, ISAT Graduate Faculty Committee  
 Chair, Creative Activities and Research Initiation Program  
 Chair, College of S&T Interdepartmental Seminar Series  
 Search Committee, Engineer of Academic Equipment Services

***Community (Science Related) Activities:***

- Invited speaker, Ponchatoula Rotary Club (snake biology)
- KSLU, radio interview (snake evolution)
- WHMD, radio interview (creationism and evolution)
- Channel 6 (New Orleans), television interview (creationism and evolution)
- Speaker, Tangipahoa Parish School Board meeting (creationism and evolution)
- Hammond Daily Star, wrote three opinion articles (on creationism and evolution)
- Holy Ghost Elementary School - kindergarten, talked about snakes and lizards
- Holy Ghost Elementary School - first grade, talked about reptiles and amphibians
- Holy Ghost Elementary School – speaker for career day
- St. Thomas Aquinas High School – invited speaker on creationism and evolution
- Boy Scouts of America – Reptile and Amphibian Study Merit Badge Counselor
- Project Cypress – Reptiles and Amphibians
- Holy Ghost Elementary School – 3<sup>rd</sup>-8<sup>th</sup> grades, talked about Louisiana reptiles and amphibians
- Holy Ghost Elementary School – 3<sup>rd</sup> grade, talked about forest and desert reptiles and amphibians
- Cub Scout Nature Day – 14 October 2001. Hosted a reptile booth.
- Holy Ghost Elementary School – Advisory Board 2003-2006
- Lake Castle School – Discussed snake biology to 7<sup>th</sup> grade science classes (March 2004)
- Holy Ghost Elementary School – guest teacher for six 7<sup>th</sup> and 8<sup>th</sup> grade science classes (Nov 2004)
- City Club of Hammond – Executive Board Member, 2006-
- St. Thomas Aquinas High School – career day speaker, biology spring 2008
- Hammond Unitarian Congregation – gave science and religion talk, summer 2008
- City Club of Hammond – President Elect, 2008-2009
- Southeastern Channel – filmed a segment on snakes in Backyard Wonders TV show (debuted Dec 2008)
- Radio Interview (spring 2009)- snakes in film, Monroe, LA
- Christwood Retirement Community lecture (fall 2009) – snakes in movies

- Greenfield Elementary School (spring 2010)– answered questions about snakes for a 3<sup>rd</sup> grad class
- City Club of Hammond – President, 2009-2010
- Christwood Retirement Community lecture (fall 2010) – Identifying snakes in Louisiana
- Radio interview on snake declines, national station: Coast to Coast AM with Linda Moulton Howe (aired 23 June 2010)
- expert on SyFy show *Beast Legends* episode Fire Dragon (aired initially Fall 2010)
- St. Thomas Aquinas High School – invited speaker on evolution
- appeared on Discovery Channel's *Fatal Attractions* show (aired initially Fall 2011)
- St. Thomas Aquinas High School – career day speaker, biologist Fall 2012
- Science on Tap public seminar series (Hammond), Snakes in Film: Farces and Facts, Fall 2013
- St. Thomas Aquinas High School – career day speaker, biologist spring 2014
- St. Thomas Aquinas High School – invited speaker on evolution spring 2014

### ***Professional Societies:***

American Association for the Advancement of Science  
 American Society of Ichthyologists and Herpetologists  
 Herpetologists League  
 International Biogeography Society  
 Louisiana Gulf Coast Herpetological Society (Advisory Board member)  
 Society for the Study of Amphibians and Reptiles  
 Society of Systematic Biologists  
 Willi Hennig Society (Fellow)

### ***Reviewer For:***

3Biotech  
 Academic Press  
 Animals  
 ARKive  
 Biological Conservation  
 Biological Journal of the Linnean Society  
 Biology of the Pitvipers (book chapter)  
 Biotropica  
 BMC Evolutionary Biology  
 Bulletin of the American Museum of Natural History  
 Bulletin of the Museum of Comparative Zoology

Bulletin of the Southern California Academy of Sciences  
Caribbean Journal of Science  
Contemporary Herpetology  
Contributions to West Indian Herpetology (book chapter)  
Copeia  
Evolution  
Frontiers in Ecology and Evolution  
Great Basin Naturalist  
Herpetologica  
Herpetological Monographs  
Herpetological Review  
ISRN Zoology  
Journal of Biogeography  
Journal of Experimental Zoology Part B: Molecular and Developmental Evolution  
Journal of Herpetology  
Journal of Molecular Evolution  
Journal of Zoological Systematics and Evolutionary Research  
Journal Zoology Linnean Society London  
Krieger Publishing Company  
Molecular Ecology Resources  
Molecular Phylogenetics and Evolution  
National Geographic  
National Science Foundation  
Nature Publishing Group  
Nature Education Knowledge Project  
Quarterly Review of Biology  
Proceedings of the Biological Society of Washington  
Regional Patterns of Amphibian Distribution: A Global Perspective (book chapter)  
Revista de Biología Tropical  
Revista Ciencias Marinas y Costeras  
Revista Mexicana de Biodiversidad  
Snake Species of the World (book sections)  
Systematic Biology  
Systematic Zoology  
The Southwestern Naturalist  
University of California Press  
University of Kansas Scientific Publications  
University Press of Florida  
USFWS Endangered Species Petition  
Wetlands  
Zoologica Scripta  
Zoological Studies  
ZooTaxa

***Professional Activities:***

- 1992 Student Paper Judge, American Society of Ichthyologists and Herpetologists, Herpetologists League
- 1992–1997 Research Advisory Board, Audubon Institute/Audubon Zoological Garden New Orleans, LA.
- 1992 – Editorial Board, *Journal of Herpetology*
- 1993–1996 Advisory Planning and Building Committee: Audubon Center for the Research of Endangered Species (ACRES)
- 1995 Symposium Organizer, The American Society of Ichthyologists and Herpetologists and Herpetologists League, Edmonton, Canada (The Phylogeny of Snakes, with J. Slowinski)
- 1995 Workshop/Seminar Organizer, Ecology and Evolutionary Biology Group of Southeast Louisiana, SLU
- 1995 Advisory Panel, Systematic Biology Program, National Science Foundation
- 1996 Resolutions Committee, American Society of Ichthyologists and Herpetologists
- 1996 Local Organizing Committee, American Society of Ichthyologists and Herpetologists - Herpetologists League
- 1996 Herpetologists League Liaison
- 1996 Chair, Session Chair Committee, American Society of Ichthyologists and Herpetologists - Herpetologists League
- 1996 Student Poster Judge, American Society of Ichthyologists and Herpetologists - Herpetologists League
- 1997– Chair, North American Standard English and Scientific Names Committee, American Society of Ichthyologists and Herpetologists - Herpetologists League - Society for the Study of Amphibians and Reptiles
- 1997–2012 Editorial Board, *Contemporary Herpetology*
- 1997–2002 Editor, *Herpetological Monographs*
- 1998 Chair, Storer Award for Best Student Poster, American Society of Ichthyologists and Herpetologists - Herpetologists League
- 1998 Research Advisor, Ronald McNair Graduate Achievement Program
- 1999 Judge, Storer Award for Best Student Poster, American Society of Ichthyologists and Herpetologists
- 1999–2000 Chair, Storer and Stoye Award Committees, American Society of Ichthyologists and Herpetologists
- 1999–2000 Chair, Committee on Electronic Publishing, Herpetologists League
- 2000 Symposium Organizer, The American Society of Ichthyologists and Herpetologists and Herpetologists League: Ecology and Evolution in the Tropics: Essays in Tribute to Jay M. Savage. Co-organized by M. Donnelly (FIU), C. Guyer (Auburn U.), M. White (SLU), M. Wake (UC Berkeley)
- 2001–2002 Chair, Committee on Electronic Publishing, Herpetologists League and Society for the Study of Amphibians and Reptiles

- 2000–2004 Board of Governors, American Society of Ichthyologists and Herpetologists
- 2000–2002 Editorial Board, *Copeia*
- 2001–2004 Book Review Editor, *Cladistics*
- 2002–2008 Meeting Management Committee, Joint Meeting of Ichthyologists and Herpetologists
- 2002–2006 Chair, The Joseph B. Slowinski Award for Excellence in Snake Systematics, CNAH
- 2002–2010 Meeting Planning Committee, Joint Meeting of Ichthyologists and Herpetologists
- 2003 Student Paper Judge, Seibert Award, Joint Meetings ASIH, AES, SSAR, HL
- 2004 Student Paper Judge, Seibert Award, Jaeger Award, Joint Meetings ASIH, AES, SSAR, HL
- 2005–  
2005-06 Board of Advisors, Louisiana Gulf Coast Herpetological Society  
Local Host, 2006 Joint Meeting of Ichthyologists and Herpetologists New Orleans
- 2007-2008 President-Elect, Society for the Study of Amphibians and Reptiles
- 2007-2008 Robert K. Johnson Committee, ASIH
- 2008-  
2008- Executive Committee, World Congress of Herpetology  
National and Regional Societies Committee, World Congress of Herpetology
- 2008-2011 Ad hoc Committee to Formalize JMIH (Joint Meeting Ichthyologists and Herpetologists)
- 2008 Resolutions Committee, ASIH
- 2009 Chair, Robert K. Johnson Committee, ASIH
- 2009-2010 President, Society for the Study of Amphibians and Reptiles
- 2009- Amphibian Ark Cryobanking Advisory Committee
- 2010-2014 Board of Governors, American Society of Ichthyologists and Herpetologists
- 2010 Meritorious Teaching Award in Herpetology review committee, ASIH, HL, SSAR
- 2010-2014 Editorial Board, *ISRN Zoology*
- 2011-2012 Board of Directors, Past President, Society for the Study of Amphibians and Reptiles
- 2011 Nominating Committee, ASIH
- 2011- Editorial Board, *Herpetologica*
- 2011- Ad hoc Long Range Planning Committee, JMIH
- 2012 Chair, Nominating Committee, ASIH
- 2012-2014 Editorial Board, *Dataset Papers in Biology*
- 2012 Chair, Storer Award Committee, ASIH
- 2012 Resolutions Committee, ASIH
- 2013- Review Editor, *Frontiers in Ecology and Evolutionary Biology*
- 2014 Reviewer, E. E. Williams Research Grants, Herpetologists League
- 2014- Advisory Board, Reptile Database



***Graduate Student Direction:***

- J. Scott Thompson. 1994. M.S. Thesis Title: Genetic Variation of the Allopatric Populations of the Florida Green Water Snake (*Nerodia floridana*) Through Allozyme Electrophoresis
- Richard E. Anderson. 1996. M.S. Thesis Title: Biochemical Systematics of *Coluber constrictor*
- Travis W. Taggart. 1998. M.S. Thesis Title: Palm Pitviper (*Bothriechis*) Phylogeny and the Phylogenetic Utility of mtDNA
- Brian R. Warren. 1999. M.S. Thesis Title: Archosaurs and the tetrapod phylogeny problem: new data on the 28s rDNA region of *Alligator mississippiensis* and *Hylocichla mustelina* (wood thrush)
- Lisa Aucoin: 1999–2001 M.S. (Posthumous)
- Eric O’Neill. 2002. M.S. Thesis Title: Ribosomal DNA ITS, Concerted Evolution, and Gopher Frog Systematics
- David Gardner: 2003. M.S. Thesis Title: Molecular Phylogenetics and Divergence among Foxsnakes: *Elaphe gloydi* and *E. vulpina*: A Redefinition of Species Relationships and Geographic Distributions
- Joseph Ramspott: 2001–2004 M.S. (Posthumous)
- Tiffany Schriever: 2007. M.S. Thesis Title: Salinity Influence on Larval *Hyla cinerea* (Green Treefrog) Development and Alteration to Southeastern Louisiana Wetlands and its Effect on the Herpetofauna
- Thomas Eimermacher: 2007. M.S. Phylogenetic Relationships among the Dispholidini based on metric evidence (Serpentes, Colubridae)
- Ryan Chabarría: 2008. M.S. The Phylogenetics and biogeography of *Necturus beyeri* in Southeastern North America
- Rosemary Becker: 2008. M.S. Phylogenetic Utility of Proopiomelanocortin (POMC) in Amniotes
- Chris Murray: 2011. M.S. Effects of stress on the reproductive ecology of the American Alligator (*Alligator mississippiensis*)
- Sarah Green: 2013. M.S. Geometric morphometrics and snakes: Does it work and what can be done with it.

James Stewart: 2013. M.S. Lineage delimitation of Dekay's Brownsnake (*Storeria dekayi*) using ecological niche modeling.

Current Students:

Danielle Wasserman  
Kenzie Bozeman  
Whitney Gentry

Other Graduate Student Dissertation/Thesis Committees:

Robert John Brauman (M.S. 1995), Sean Doody (M.S. 1995), Donald Church (M.S. 1996), Cristi Watkins (M.S. 1996), Kevin McCarthy (M.S. 1996), Jeanne Young (M.S. 1997), Ashleigh Smythe (M.S. 1997), Jeff Demuth (MS 1998), Dorothy Scholl-Meeker (M.S. 1998), Rebecca Souther (M.S. 2000), Kirsten Nicholson (Ph.D. 2000, U. Miami), Melissa Pilgrim (M.S. 2000), Charles Criscione (M.S. 2000), Maria Kelly-Smith (M.S. 2000), Thomas Lorenz (M.S. 2001), Noah Anderson (M.S. 2001), Susanne Hoepfner (M.S. 2001), Stephen Richter (Ph.D. 2004, U. Oklahoma), Marcie Dixson (M.S. 2005, UL Monroe), Nicole Thurgate (Ph.D. 2005, UNO), Matthew Drum (Ph.D. 2006, Florida State U.), Damian Green (M.S. 2007), Ali Rabatsky (Ph.D. 2007, ULL), Angel Reine (M.S. 2007), Devin Bloom (M.S. 2007), Dustin Siegel (M.S. 2007), Mallory Eckstut (M.S. 2008), Susanna Wingard (M.S. 2009), Caleb McMahan (M.S. 2010), Layla Freeborn (M.S. 2010), Carys Kenway (M.S. 2010), Justin Rheubert (M.S. 2011), Elizabeth Marchio (M.S. 2012), David Camak (M.S. 2013), Brett Henry, Virgil Tilman, Jared Vicknair, Mallory Eckstut (Ph.D. 2012, UNLV), Lauren Eserman (M.S. 2012), Malorie Hayes (M.S. 2013), Logan Mcardle (M.S. 2013), Nick Vandenbroek, Luke Bower (M.S. 2013), Laura Jackson (M.S. 2013), Marisa Stachowski (M.S. 2013)

***Symposia Organized***

- 2006 A Celebration of the Life of Joe Slowinski: Recent Advances in Herpetology and Evolutionary Biology, JMIH New Orleans
- 2000 Ecology and Evolution in the Tropics: Essays in Tribute to Jay M. Savage, Joint meeting of ASIH, SSAR, HL. La Paz, Mexico
- 1995 Snake Phylogeny Symposium, American Society of Ichthyology and Herpetology and Herpetologists League. Edmonton, Canada

***Invited Symposium Papers***

- 2012 The Bold Hypothesis (es) of Joseph T. Collins. Kansas Herpetological Society, Key Note Speaker.
- 2006 Squamate Phylogeny, JMIH, New Orleans (with F. Burbrink, M. White, A. Pyron)
- 2002 Epigenetic Germ Cell Development in Axolotl Embryos: a Model System for Mice, Royal Society of London, Andrew D. Johnson, Rosemary Bachvarova, Brian Crother, Roger Patient, Matthew Drum, and Thomas Masi
- 2000 Ecology and Evolution in the Tropics: Essays in Tribute to Jay M. Savage, Joint meeting of ASIH, SSAR, HL, "The Phylogeny of Squamates" (with M. E. White)
- 1997 The Louisiana Herpetological Research Group meeting, "The Importance of Phylogeny in Comparative Studies - A Workshop"
- 1995 Mesoamerican Herpetology: Systematics, Natural History and Conservation, Texas Herpetological Society International Symposium - University of Texas - El Paso "The Yucatan Bolide Impact and Caribbean Biogeography"
- 1995 Snake Phylogeny Symposium, American Society of Ichthyology and Herpetology and Herpetologists League, Edmonton, Canada  
"Higher Order Relationships among Snakes: Evidence from Nuclear Ribosomal DNA" (with M.E. White and K.R. Toal)
- 1994 West Indian Herpetology: A Tribute to Albert Schwartz Symposium, Society for the Study of Amphibians and Reptiles, Athens, Georgia  
"Albert Schwartz and the Subspecies Concept"
- 1993 Island Biogeography Symposium, 2nd World Congress of Herpetology, Adelaide, Australia  
"The Yucatan Bolide Impact and Caribbean Biogeography"
- 1992 Latin American Herpetofauna Symposium, American Society of Ichthyology and Herpetology and Herpetologists League, Austin, Texas  
"Biochemical Phylogenetics of Latin American Snakes"
- 1989 Biology of the Pitvipers Symposium, University of Texas - Arlington  
"Biochemical and morphological studies of palm-pitvipers, genus *Bothriechis*"
- 1987 Vicariance Biogeography: Theory, Methods and Applications Symposium, American Museum of Natural History

- “A preliminary report on the historical biogeography of the West Indian xenodontines”
- 1987 Biogeography of the West Indies Symposium, University of Florida  
“Biogeographic patterns of predation in West Indian snakes”
- 1987 “How many kinds of cladists?” Panel Discussion, Willi Hennig Society,  
American Museum of Natural History
- 1984 Biogeography of Mesoamerica Symposium, Merida, Mexico  
“Xantusiidae phylogeny: Biogeographical implications”

***Other Papers/Posters Presented At Scientific Meetings:***

- 2013 Revisiting Incongruence in Squamate Phylogenetics. JMIH, Albuquerque,  
NM (with C. McMahan, L. Freeborn)
- 2012 Primordial germ cell development in amphibians and reptiles: mechanisms  
and evolution. JMIH, World Congress of Herpetology, Vancouver (with  
M. White, A. D. Johnson)
- 2010 Pleistocene Divergence of the Foxsnakes *Pantherophis vulpinus* and *P.*  
*gloydi* Across the Mississippi River. JMIH, Providence, RI. (with M.  
White, J. Savage, M. Eckstut, M. Graham, D. Gardner)
- 2009 Unusual Bullfrog (*Lithobates catesbeianus*) Tadpole Phenotypes. JMIH,  
Portland (with R. Altig, M. White, J. Austin)
- 2009 Phylogenetic Analysis of Sperm Storage in Female Squamates. JMIH,  
Portland (with M. Eckstut, D. Sever, M. White)
- 2008 Phylogeography of *Necturus beyeri* (Amphibia: Proteidae). JMIH,  
Montreal (with R. Chabarria, M. White, H. Bart Jr, K. Tenaglia, C. Guyer)
- 2008 On The SSAR Names List. JMIH, Montreal
- 2008 Scaling in Snakes, and Damuth’s Energetic Equivalence Rule: Snakes  
Don’t Follow it. JMIH, Montreal (with C. Fontenot)
- 2008 Do Snakes Have Predetermined Germ Cells? JMIH, Montreal  
(with M. White)
- 2008 A Re-examination of Relationships Among the Palm Pit Vipers  
(*Bothriechis*). JMIH, Montreal (with M. White, J. Keeling)

- 2007 Phylogenetic forensics and giant Canadian snakes, JMIH, St. Louis (with M. White, J. Warms, D. Gardner)
- 2006 Primordial germ cell determination in fish, JMIH, New Orleans (with M. White, A. Johnson)
- 2006 Phylogenetic relationships of dispholidini (Serpents: Colubridae), JMIH, New Orleans (with T. Eimermacher, D. Broadley)
- 2006 Phylogeny of palm-pitvipers (*Bothriechis*) inferred from nuclear DNA, JMIH, New Orleans (with M. White, D. Green)
- 2006 Can DNA be extracted from preserved specimens? , JMIH, New Orleans (with M. White, R. Chabarria)
- 2006 Effects of salinity on tadpoles of the green treefrog (*Hyla cinerea*) across local habitats, JMIH, New Orleans (with T. Schriever, C. Fontenot)
- 2005 Phylogenetic forensics and Giant Canadian Snakes, JMIH, Tampa, FL (with D. Gardner, M. White, J. Warms)
- 2004 Germ Cell Development and the Divergence of Anurans and Caudates. JMIH, Norman, OK (with M. E. White, A. D. Johnson)
- 2004 Revising the Species Boundaries of the Foxsnakes *Elaphe vulpina* and *E. gloydi*. JMIH, Norman, OK (with M.E. White and D. Gardner)
- 2003 The utility of the gene CHD for phylogenetics among snakes. The American Society of Ichthyologists and Herpetologists, the Herpetologists League, and the Society for the Study of Amphibians and Reptiles, (=JMIH); Manaus, Brazil (with M.E. White)
- 2003 Comparison of a disturbed herpetofauna. The American Society of Ichthyologists and Herpetologists, the Herpetologists League, and the Society for the Study of Amphibians and Reptiles, the Society for the Study of Amphibians and Reptiles; Manaus, Brazil (with J. Ramspott)
- 2001 The Society for the Study of Evolution/ The Society of Systematic Biology/ The American Naturalists Society, Knoxville, TN, "Sister relationships of salamanders and mammals? Functional vs. species phylogenies from germ cell genes" (with M. White, A. Johnson, M. Drum)
- 2001 The Society for the Study of Evolution/ The Society of Systematic Biology/ The American Naturalists Society, Knoxville, TN, "Elucidating squamate relationships with 28S rDNA" (with M. K. Smith and M. White)

- 2001 The American Society of Ichthyologists and Herpetologists "Phylogenetic relationships among *Rana areolata*, *Rana capito*, and their subspecies inferred from nuclear ribosomal DNA, Penn State University", (with E. M. O'Neill)
- 2000 8<sup>th</sup> International *Xenopus* Conference "Evolution of vertebrate germ cell determination: evidence that the mechanism in salamanders, not frogs, was retained during the evolution of mammals" (with M. Drum, T. Masi, M. White, A. Johnson)
- 1999 The American Society of Ichthyologists and Herpetologists, the Herpetologists League, and the Society for the Study of Amphibians and Reptiles, the Society for the Study of Amphibians and Reptiles, Penn State University, "The Relationships Between Lizards and Snakes Based Upon Ribosomal DNA" (with M. K. Smith and M. White)
- 1999 The American Society of Ichthyologists and Herpetologists, the Herpetologists League, and the Society for the Study of Amphibians and Reptiles, the Society for the Study of Amphibians and Reptiles, Penn Archosaurs and the tetrapod phylogeny problem: new data and old hypotheses (with B. Warren and M. White)
- 1999 The American Society of Ichthyologists and Herpetologists, the Herpetologists League, and the Society for the Study of Amphibians and Reptiles, Penn State University  
Germ Cell Specific Genes Reflect Mechanisms of Development not Phylogeny in Amphibians (with M. Drum, A. Johnson, and M. White)
- 1998 The American Society of Ichthyologists and Herpetologists, the Herpetologists League, and the Society for the Study of Amphibians and Reptiles, Guelph, CANADA  
"Evolution of germ-cell determining genes in amphibians" (with M. White)
- 1998 The American Society of Ichthyologists and Herpetologists, the Herpetologists League, and the Society for the Study of Amphibians and Reptiles, Guelph, CANADA  
"Palm Pitviper (*Bothriechis*) phylogeny and the phylogenetic utility of mtDNA" (with T. Taggart and M. White)
- 1998 The Society for the Study of Evolution/ The Society of Systematic Biology/ The American Naturalists Society, Vancouver, CANADA  
"Misled by Mitochondria?" (with T. Taggart and M. White)
- 1997 The Society for the Study of Evolution/ The Society of Systematic Biology/ The American Naturalists Society, Boulder, Colorado

- “The behavior of the Permutation Tail Probability (paper; with J. B. Slowinski)
- 1997 The Third World Congress of Herpetology, Prague, CZECH REP.  
“Nuclear ribosomal DNA sequence and higher level snake phylogeny” (paper; with M. E. White)
- 1997 The Third World Congress of Herpetology, Prague, Czech Rep.  
“Biochemical systematics of Coluber constrictor” (poster; with R. E. Anderson)
- 1996 The American Society of Ichthyologists and Herpetologists and the Herpetologists League  
“Ribosomal DNA and Snake Phylogeny” (paper; with M. E. White)
- 1996 The Society for the Study of Evolution/ The Society of Systematic Biology/ American Naturalist Society  
“The phylogenetic position of the intermediate filament nestin” (paper; with M. E. White)
- 1995 Society for the Study of Amphibians and Reptiles  
“Phylogenetics and population genetics of Rana capito: do they warrant federal protection?” (paper; with J. Young)
- 1994 The Society for Molecular Biology and Evolution  
“The evolution of actin genes” (paper; with M. E. White)
- 1994 The Society for the Study of Evolution/ The Society of Systematic Biology/ American Naturalist Society, Athens, Georgia  
“Tetrapods and total evidence: A phylogenetic analysis of 9000 molecular characters” (paper; with K. Toal)
- 1993 The American Society for Cell Biology, New Orleans  
“The evolution of actin genes” (poster; with M.E. White)
- 1989 American Society of Ichthyologists and Herpetologists  
“Molecular phylogenetics of West Indian xenodontine snakes”
- 1989 American Society of Ichthyologists and Herpetologists  
“Historical Biogeography of West Indian snakes”
- 1986 Society for the Study of Reptiles and Amphibians/Herpetologists League  
“The diets of Hispaniolan colubrid snakes: Prey species, prey size, and foraging modes”

- 1984 American Society of Ichthyologists and Herpetologists/ Society for the Study of Reptiles and Amphibians/Herpetologists League  
“A phylogenetic study of the lizard family Xantusiidae”

***Invited Departmental Seminars:***

- 2014 University of Louisiana, Lafayette  
 2013 California State University - Dominguez Hills  
 2013 UNLV  
 2011 Loyola University  
 2010 University of Louisiana, Lafayette  
 2010 Eastern Kentucky University  
 2009 Louisiana State University, Museum of Natural History  
 2009 UL Monroe Natural History Museum  
 2007 Southeastern Louisiana University  
 2006 Southeastern Louisiana University  
 2004 University of Louisiana Monroe  
 2004 University of Oklahoma  
 2004 University of New Orleans  
 2004 Sam Houston State University  
 2004 Southeastern Louisiana University  
 2004 Louisiana State University, Museum of Natural History  
 2004 Southeastern Louisiana University  
 2003 University of Louisiana, Lafayette  
 2003 Xavier University (N.O.)  
 2002 LGCHS  
 2001 University of Miami  
 1998 University of New Orleans  
 1998 University of Oklahoma  
 1998 Louisiana State University  
 1996 Mississippi State University, Department of Biology  
 1996 Tulane University, Department of Ecology and Evolution  
 1994 Louisiana State University, Dept. of Geology and Geophysics  
 1994 Auburn University  
 1994 New Orleans Geological Society  
 1993 University of New Orleans, Department Of Geology  
 1993 Loyola University, N.O., Department of Biology  
 1992 Audubon Institute/Audubon Zoological Garden  
 1991 Louisiana State University, Museum of Natural History  
 1990 California State University - Dominguez Hills  
 1990 California State University - Fullerton  
 1990 American Museum of Natural History  
 1989 University of Miami  
 1988 Central Florida Herpetological Society



***Publications:***BOOKS

- 2012 *Scientific and standard English names of amphibians and reptiles of North America north of Mexico, with comments regarding confidence in our understanding.* 7<sup>th</sup> Edition. SSAR Herpetological Circulars No. 37: 1-94. (I am the chair of a 14 person committee and the editor and an author of the document written by that committee.)
- 2008 *Scientific and standard English names of amphibians and reptiles of North America north of Mexico, with comments regarding confidence in our understanding.* 6<sup>th</sup> Edition. SSAR Herpetological Circulars No. 37: 1-94. (I am the chair of a 14 person committee and the editor and an author of the document written by that committee.)
- 2005 *Ecology and Evolution in the Tropics: A Herpetological Perspective* (co-editors are M. Donnelly, C. Guyer, M. Wake, M. White). University of Chicago Press.
- 2000 *Scientific and standard English names of amphibians and reptiles of North America north of Mexico, with comments regarding confidence in our understanding.* SSAR Herpetological Circulars No. 29: 1-82. (I am the chair of a 14 person committee and the editor and an author of the document written by that committee.)
- 1999 *Caribbean Reptiles and Amphibians* B. I. Crother (editor). Academic Press, San Diego. Pp. i-xxx, 1-495.

JOURNAL ARTICLES, BOOK CHAPTERS

- Submitted Entities on a temporal scale. Cladistics (with C. Murray)
- Submitted Diversification and germ-line determination revisited with speculation on determination modes in theropods and sauropods. Paleobiology (with M. White, A. Johnson)
- Submitted A checklist of North American amphibians and reptiles, the United States and Canada. 7<sup>th</sup> Edition. Volume 1. M.J. Foquette, Jr. and Alain Dubois. Quarterly Review of Biology.
- 2014 The bold taxonomic hypotheses of Collins (1991): 23 years later. Herpetol. Rev. 45: 268-272.

- 2014 Anole Classification: A response to Poe. *Zootaxa* 3814: 109-120. (with K. E. Nicholson, C. Guyer, J. M. Savage)
- In press Cryptic diversity and conservation of gopher frogs, *Lithobates capito*, across the southeastern United States. *Copeia* 2014 (2): (with S. Richter, E. O'Neill, S. Nunziata, A. Rumments, E. Gustin, J. Young)
- 2014 PAE under the AEI thesis: a response. *Cladistics* 30: 234-235. (with C. Murray)
- 2013 Can Reproductive Allometry Assess Population Marginality in Crocodylians? A Comparative Analysis of Gulf Coast American Alligator (*Alligator mississippiensis*) Populations. *Copeia*, 2013(2): 268-276. (with C. M. Murray, M. Merchant, A. Cooper, M. Easter)
- (90) 2013 Parsimony analysis of endemism (PAE) under the “Areas of Endemism as Individuals” (AEI) thesis. *Cladistics* 2013: 571-573. (with C. Murray)
- 2013 Best practices: In the 21<sup>st</sup> Century, taxonomic decisions in herpetology are acceptable only when they are supported by a body of evidence and published via peer-review. *Herp. Rev.* 44: 8-23. (with H. Kaiser, C. Kelly, L. Luiselli, M. O’Shea, H. Ota, P. Passos, W. Schleip, W. Wüster)
- 2013 The conservation status of the world’s reptiles. *Biological Conservation* 157: 372-385. (with 238 authors).
- 2012 It is time for a new classification of *Anolis* (Squamata: Dactyloidae) *Zootaxa* 3477: 1-108. (with K. E. Nicholson, C. Guyer, J. M. Savage)
- 2012 Comment on the proposed conservation of *Crotalinus catenatus* Rafinesque, 1818 (currently *Sistrurus catenatus*) and *Crotalus tergeminus* (currently *Sistrurus tergeminus*; Reptilia, Serpentes) by designation of neotypes for both species (**Case 3571: see BZN 68: 271–274**). *Bulletin of Zoological Nomenclature* 69(1). (with J. M. Savage and A. Holycross).
- 2011 *Crotalinus catenatus* Rafinesque, 1818 (Reptilia: Serpentes) and *Crotalus tergeminus* Say, 1822: proposed conservation of usage by designation of neotypes for *Crotalinus catenatus* and *Crotalus*

- tergeminus*. Bulletin of Zoological Nomenclature 68: 271-274. (with J. M. Savage and A. Holycross).
- 2011 Approximate Bayesian computation reveals the origins of genetic diversity and population structure of foxsnakes. J. Evolutionary Biology 24: 2364–2377. (with J. Row, R. Brooks, C Mackinnon, A. Lawson, M. White, S. Loughheed)
- 2011 A reevaluation of the Status of the Foxsnakes *Pantherophis gloydi* and *P. vulpinus*. ISRN Zoology doi:10.5402/2011/436049 (with M. White, J. Savage, D. Gardner, M. Ekstut, M. Graham)
- 2011 Evolution of the Germ Line-Soma Relationship in Vertebrate Embryos. Reproduction 141:291-300. (with A. D. Johnson, E Richardson, R. F. Bachvarova)
- (80) 2011 Ontology of Areas of Endemism. J. Biogeography 38:1009-1015. (with C. Murray)
- 2011 Proopiomelanocortin (POMC) and Testing the Phylogenetic Position of Turtles (Testudines). J. of Zoological Systematics and Evolutionary Research 49(2):148-159. (with R. Becker, R. Valverde)
- 2011 PACT in Practice: Comparative Historical Biogeographic Patterns and Species Area Relationships of the Greater Antillean and Windward Hawaiian Island Terrestrial Biotas. Global Ecology and Biogeography 20: 545-557. (with M. Eckstut, D. Brooks, C. MacMahan, D. McLennan, J. Ancheta)
- 2011 Evolution and Taxonomy of Snakes. Pp. 19-53. In R.D. Aldridge and D. M. Sever (eds), *Reproductive biology and phylogeny of snakes*. Volume 9, Reproductive Biology and Phylogeny series, B. G. M. Jamieson (ed). CRC Press, Boca Raton, Florida. (with F. Burbrink).
- 2011 Ernest Anthony Liner 1925-2010. Herpetological Review 42:11-18. (with B. Moon and R. Thomas).
- 2010 The State of SSAR. J. Herpetology 44(4):1.
- 2009 Genetic Consequences of Population Reduction and Geographic Isolation in the Critically Endangered Frog. Copeia 2009(4): 801-808. (with S. Richter, R. Broughton).

- 2009 Giant Canadian snakes and forensic phylogenetics. *Contemporary Herpetology* 2009(2): 1-4. (with M. White, J. Warms, D. Gardner)
- 2009 Evolution of Germ Cell Development in Tetrapods: Comparison of Urodeles and Amniotes. *Evolution and Development* 11(5): 602-608. (with R. F. Bachvarova, A. D. Johnson)
- 2009 Expression of *Dazl* and *Vasa* in Turtle Embryos and Ovaries: Evidence for Inductive Specification of Germ Cells. *Evolution and Development* 11(5): 524-533. (with R. F. Bachvarova, K. Manova, J. Chatfield, C.M. Shoemaker, D. P. Crews, A. D. Johnson)
- 2009 Are standard names lists taxonomic straightjackets? *Herpetologica* 65(2): 129-135.
- (70) 2009 Considerations and Recommendations for Raising Live Amphibians in Classrooms. *Herpetological Review* 40(2): 142–144. (with J. Mendelson, A. Pessier, C. Bevier, R. Gagliardo, K. Zippel, M. Preest, J. Pramuk, B. Rothermel)
- 2009 Phylogenetic Analysis of Sperm Storage in Female Squamates Pp. 185-218 IN Lucas T. Dahnof (ed.), *Animal Reproduction: New Research Developments*, NOVA Science Publishers, Inc. (with M. E. Eckstut, D. M. Sever, M. E. White).
- 2009 Bitten. In *Courting the Wild*, J. Mitchell (ed.). Ecos Systems Institute. Pp. 43-48.
- 2009 Considerations and Recommendations for Raising Live Amphibians in Classrooms. *Science and Children* April/May: 8. (with J. Mendelson, A. Pessier, C. Bevier, R. Gagliardo, K. Zippel, M. Preest, J. Pramuk, B. Rothermel)
- 2009 Effects of Hurricanes Ivan, Katrina, and Rita, on a Southeastern Louisiana Herpetofauna. *Wetlands* 29: 112-122. (with T. Schriever, J. Ramspott, C. Fontenot).
- 2009 Dictionary of Herpetology. 2008. Krieger Publishing, Florida. 376 p. Book Review. *Quarterly Review of Biology*.
- 2008 Squamata – Snakes. IN B.I. Crother (ed.) *Scientific and standard English names of amphibians and reptiles of North America north of Mexico, with comments regarding confidence in our understanding*. 6<sup>th</sup> Edition. SSAR Herpetological Circulars No. 37: 1-94. (with J. Boundy, F. Burbrink, J. Campbell)

- 2007            Inferring Developmental Constraint and Constraint Release: Primordial Germ Cell Determination Mechanisms as Examples. *J. Theoretical Biology* 248:322-330. (with M. White, A. Johnson).
- 2007            The Destabilization of North American Colubroid Snake Taxonomy. *Herpetological Review* 38:273-278. (with F. Burbrink and R. Lawson).
- 2007            *Pituophis catenifer* (Bullsnake). Maximum Length. *Herp. Rev.*, 38(2):209-210. (with T. Devitt, A. Meier, F. Burbrink, and J. Boundy).
- (60) 2007            Standard Language (insert language of choice) Names versus Common Names. *Herpetological Review*. 38:143.
- 2006            Comments on the Evolution of Three Deviations From the Typical Anuran Life Cycle. *Herpetological Review* 37:321-325 (with Ronn Altig)
- 2005            Amphibians and Reptiles of New Mexico. 1996. University of New Mexico Press, Albuquerque. 430p. Book Review. *Environmental Conservation* 32:371.
- 2005            Phylogeny of the Colubroidea (Serpentes): New Evidence from Mitochondrial and Nuclear Genes. *Molecular Phylogenetics and Evolution* 37:581-601. (with R. Lawson, F. Burbrink, J. Slowinski)
- 2005            Higher level snake phylogeny as inferred from 28S ribosomal DNA and morphology. Pp. 156-173 IN *Ecology and Evolution in the Tropics: A Herpetological Perspective* (eds., B. Crother, M. Donnelly, C. Guyer, M. Wake, M. White), University of Chicago Press (with M. White, M. Kelly-Smith)
- 2004            True Vipers: Natural history and Toxinology of Old World Vipers. 2003. Krieger Publishing, Florida. 359 p. Book Review. *Quarterly Review of Biology* 79 (1):85-86.
- 2003            Scientific and Standard English Names of Amphibians and Reptiles of North America North of Mexico: Update. *Herp. Rev.* 34: 196-203. (I am the chair of a 14 person committee and the editor and an author of the document written by that committee.)
- 2003            Regulative Germ Cell Specification in Axolotl Embryos: A Primitive Trait Conserved in the Mammalian Lineage. (with Andrew D. Johnson, Matthew Drum, Rosemary F. Bachvarova, Thomas Masi, Roger Patient, Mary E. White) *Phil. Trans. Royal Society of London*, 358: 1371-1379.

- 2003 Evolution of Predetermined Germ Cells in Vertebrate Embryos: Implications for Macroevolution (with Andrew D. Johnson, Matthew Drum, Rosemary F. Bachvarova, Thomas Masi, Mary E. White). *Evolution and Development* 5(4): 414-431
- 2003 Man of the Yard. IN *Islands and the Sea: Essays on Herpetological Exploration in the West Indies*. R. W. Henderson and R. Powell (eds.). Society for the Study of Amphibians and Reptiles, Ithaca. Pp.109-111.
- (50) 2002 Comments on *Euphryne obesus* Baird, 1859 (Reptilia, Squamata): proposed precedence of the specific name over that of *Sauromalus ater* Duméril, 1856. (Case 3143, BZN 58:37-40). *Bulletin of Zoological Nomenclature*, 59: 45-48. (with Kevin de Quieroz, Roy McDiarmid, George Zug, Darrel Frost, Lee Grismer, Jim McGuire)
- 2002 O Patterns! Wherefore art thou patterns? (Apologies to Shakespeare), *Journal of Biogeography* 29:1263-1265
- 2002 Is Karl Popper's philosophy of science all things to all people? *Cladistics* 18:445
- 2002 The Snakes of Trinidad & Tobago. Hans E. A. Boos. 2001. Texas A & M University Press, College Station, Texas. 270 p. Book Review. *Copeia* 2002:538-539
- 2001 Scientific and Standard English Names of Amphibians and Reptiles of North America North of Mexico: Errata. *Herpetological Review* 32:152-153. (with Jeff Boundy, Kevin de Quieroz, Darrel Frost)
- 2001 Palm-pitviper (*Bothriechis*) phylogeny, mtDNA and consilience. *Cladistics* 17(4):355-370. (with T. Taggart and M. White)
- 2001 Cloning, nucleotide sequencing and characterization of a polyurethanase gene (*pue B*) from *Pseudomonas chlororaphis*. *International Journal of Biodeterioration and Biodegradation* 47:141-149. (with G. Howard and J. Vicknair)
- 2001 Métodos en biogeografía cladística: el ejemplo del Caribe IN pp. 233-243 *Introducción a la Biogeografía en Latinoamérica: Teroías, Concepts, Métodos, y Aplicaciones* edited by Jorge Llorente Bousquets and Juan J. Morrone. Las Pensas de Ciencias, UNAM. (with Brian Warren)

- 2001 Allozyme evidence for the separation of *Rana areolata* and *R. capito* and for the resurrection of *Rana sevosa*. *Copeia* 2001:382-388. (with Jeanne E. Young)
- 2001 Squamata—Snakes. Pp. 56-74 in B. I. Crother (ed.), *Scientific and standard English names of amphibians and reptiles of North America north of Mexico, with comments regarding confidence in our understanding*. Society for the Study of Amphibians and Reptiles, *Herpetological Circular* 29. (with J. Boundy, J. Campbell, T. Taggart)
- (40) 2000 Gene conversions may obscure actin gene family evolutionary relationships. *J. Molec. Evol.* 50:170-174. (with M. E. White)
- 1999 Diagnostic amino acids in actin genes: An idea whose time has gone. *Molecular Biology and Evolution* 16: 876-879. (with Mary E. White)
- 1999 Phylogeny of some Middle American Pitvipers based on a Cladistic Analysis of Mitochondrial 12S and 16S DNA Sequence Information. *Contemporary Herpetology* 1999 (2).  
<http://dataserver.calacademy.org/herpetology/herpdocs/index.html>  
(with S. Werman and M. White)
- 1999 Phylogenetic relationships among West Indian Xenodontine snakes (Serpentes: Colubridae) with comments on the phylogeny of some mainland xenodontines. *Contemporary Herpetology* 1999 (2)  
<http://dataserver.calacademy.org/herpetology/herpdocs/index.html>
- 1999 Ecological and Historical Biogeography of the Caribbean, IN pp 335-356 *Caribbean Reptiles and Amphibians* edited by B. I. Crother. Academic Press, San Diego. (with Gregory K. Pregill)
- 1999 Evolutionary History, IN pp 269-334 *Caribbean Reptiles and Amphibians* edited by B. I. Crother. Academic Press, San Diego.
- 1999 The Systematic Value of Creatine Kinase Expression in Reptiles. *Biochem. Syst. Ecol.* 27:147-156. (with D.G. Buth and M. Tennant).
- 1998 Redescription and validation of *Bothriechis supraciliaris* (Serpentes:Viperidae). *Revista Biologia Tropical* 2453-462. (with A. Solorzano, L. Gomez)
- 1998 Is the PTP Useful? *Cladistics* 14:297-302. (with Joseph B. Slowinski)

- 1998 Biochemical genetics of the disjunct populations of *Nerodia floridana* (Colubridae: Serpentes) Copeia 1998:715-719. (with J. Scott Thompson)
- (30) 1998 Venomous Snakes: Ecology, Evolution, and Snakebite. R. S. Thorpe, W. Wüster, A. Malhotra (eds.). 1997. Clarendon Press, xix + 276 pp. Book review. Quart. Rev. Biol. 73:82-83.
- 1998 *Cnemidophorus hyperythrus*. Cat. Amer. Rept. and Amph. 655.1-655.6 (with J.S. Thompson and A. Price)
- 1997 Contributions to West Indian Herpetology: A Tribute to Albert Schwartz (R. Powell and R. Henderson, eds.) Herp. Rev. 28:54-55.
- 1996 Additional comments on the origin of the West Indian Herpetofauna (with C. Guyer). Herpetologica 52:620-622.
- 1996 Caribbean Historical Biogeography: Was the Dispersal-Vicariance Debate Eliminated by an Extraterrestrial Bolide? Herpetologica 52(3):440-465. (with Craig Guyer).
- 1995 Nuclear Ribosomal DNA Restriction Sites, Phylogenetic Information, and the Phylogeny of Some Xenodontine (Colubridae) Snakes. J. Herp. 29(2):316-320. (with D. M. Hillis)
- 1994 Xantusiid lizards, concern for analysis, and the search for a best estimate of phylogeny: further comments. Mol. Phylogenetics Evol. 3(3):272-275. (with W. Presch)
- 1994 New Directions in Biogeography? Trends in Ecology and Evolution. 9(10):403-406 (with D. Haydon and E. Pianka).
- 1992 The Phylogeny of Xantusiid Lizards: The Concern for Analysis in the Search for a Best Estimate of Phylogeny. Mol. Phylogen. Evol. 1(4):289-294. (with W.F. Presch).
- 1992 Genetic Characters, Species Concepts, and Conservation Biology. Conservation Biology, Vol. 6(3):314.
- (20) 1992 Phylogeny and historical biogeography of the palm pitvipers, genus *Bothriechis*: Biochemical and morphological evidence. pp. 1-19 in J.A. Campbell and E.D. Brodie, Jr. eds., The Biology of the Pitvipers,



- Selva, Tyler, TX. (with J.A. Campbell and D.M. Hillis).
- 1991 Phylogeny, Ecology, and Behavior. A Research Program in Comparative Biology. D.R. Brooks and D.A. McLennan. 1991. The University of Chicago Press, xii + 434 pp. Book review. *Copeia* 1991(4):1151-1154.
- 1991 Musings On and Around the Endangered Species Act. Association of Environmental Professionals Environmentor, CA. May.
- 1990 The Venomous Reptiles of Latin America. J. A. Campbell and W. W. Lamar. 1989. Cornell University Press, xiii + 425 pp. Book review. *Quart. Rev. Biol.* 65 (4):516-517.
- 1990 A morphological, allozymic, and karyotypic assessment of the phylogeny of some lower termites (Isoptera:Kalotermitidae). *Proceedings of the Entomological Society of Washington*, 92:385-399. (with P. Luykx and D.A. Nickle).
- 1990 Is 'some better than none' or do allele frequencies contain phylogenetically useful information. *Cladistics* 6(2):277-281.
- 1989 Biogeographic patterns of predation in West Indian colubrid snakes. *in* C.A. Woods, ed., *Biogeography of the West Indies Past, Present, and Future*. Sandhill Crane Press, Inc., Gainesville, FL., pp. 479-518. (with R.W. Henderson).
- 1989 The status of *Pliocercus* and *Urotheca* (Serpentes: Colubridae), with a review of coral snake mimics. *Zool. J. Linnean Soc. London*, 95:335-362.(with J.M. Savage).
- 1989 Elevational patterns of species richness, evenness, and abundance of the Costa Rican leaf-litter herpetofauna. *Biotropica* 21(2):178-185. (with J.E. Fauth and J.B. Slowinski).
- 1989 A redescription of the hemipenis of *Hydromorphus concolor* (Colubridae) with comments on its tribal allocation. *Copeia*, 1989(1):227-229.
- (10) 1988 *Cricosaura typica*: Catalogue Account. *Catalogue Amer. Amph. and Reptiles*, 443:1-3.
- 1988 The Diets of Hispaniolan Colubrid Snakes II. Prey Species, Prey Size, and Foraging Strategies. *Herpetologica*, 44 (1):55-70 (with R.W. Henderson, T.A. Noeske-Hallin, A. Schwartz).

- 1987      Diel Differences in Leaf Litter Herpetofaunal Abundances in an abandoned cacao grove in Costa Rica. *Rev. Biol. Trop.* 35(2):349-350.(with J.B. Slowinski, J.E. Fauth).
- 1987      A New Distribution Record for *Alsophis vudii* in the Bahamas. *Herp. Rev.* 18(1):20 (with J.B. Slowinski).
- 1987      A New Distribution Record for *Typhlops biminiensis* in the Bahamas, *Herp. Rev.* 18(1):21 (with J.B. Slowinski).
- 1987      The Diet of the Hispaniolan Snake *Antillophis parvifrons* (Colubridae), *J. Herpetol.* 21(4):330-333 (with R.W. Henderson, T.A. Noeske-Hallin, A.Schwartz, C.R. Dethloff).
- 1986      Phylogeny and Biogeography of the Lizard Family Xantusiidae. *Syst. Zool.*, 35(1):37-45 (with M.M. Miyamoto and W.F. Presch).
- 1986      *Alsophis cantherigerus* (Cuban racer). *Diet. Herp. Rev.*, 17(2):47.
- 1986      A New Distribution Record for *Arrhyton taeniatum* in Cuba, *Herp Rev.*, 17(1):27.
- 1986      A New Distribution Record for *Gastrophryne carolinensis* in the Bahamas, *Herp. Rev.* 16(4):114.