

APPENDIX A
CURRICULUM VITAE OF PEER REVIEWERS

CURRICULUM VITAE

Justin D. Congdon, Ph.D.

Savannah River Ecology Laboratory
Drawer E
Aiken, South Carolina 29802
Phone (803) 725-5341
congdon@vtc.net

Birth Date: 5 January 1941

MILITARY

United States Navy, 1959-1962.
Honorable Discharge

EDUCATION

A.A. Victor Valley College, Victorville, California, 1966
B.S. California State Polytechnic University, San Luis Obispo, California, 1969
M.S. California State Polytechnic University, San Luis Obispo, California, 1971
Ph.D. Arizona State University, Tempe, Arizona, 1977
Post-doctoral Scholar. Museum of Zoology, University of Michigan, 1977-1980.
Advisor, Dr. Donald W. Tinkle.
Post-doctoral Scholar. Savannah River Ecology Laboratory, 1980-1984.
Advisor, Dr. J. Whitfield Gibbons.

POSITIONS

Professor Emeritus, University of Georgia, Savannah River Ecology Laboratory, Drawer E, Aiken, South Carolina, 2002 - present.
Senior Research Ecologist, Savannah River Ecology Laboratory, Drawer E, Aiken, South Carolina, 1990 - 2002.
Associate Research Ecologist, Savannah River Ecology Laboratory, Drawer E, Aiken, South Carolina, 1985-1990.
Adjunct Professor, Zoology Department, Arizona State University, Tempe, AZ, 1999 - present.
Adjunct Senior Research Ecologist, Institute of Ecology, University of Georgia, Athens, Georgia, 1985 - present.
Adjunct Research Investigator, Museum of Zoology, University of Michigan, Ann Arbor, Michigan, 1981 - 2007.
Adjunct Professor, Zoology Department, University of Guelph, Guelph, Ontario, Canada, 1998 - 2006.
Adjunct Professor, Department of Biological Sciences, University of South Carolina, Columbia, SC, 1998 - 2004.
Adjunct Senior Research Ecologist, Zoology Department, University of Tennessee, Knoxville, Tennessee. 1984-1990.
Adjunct Professor, Department of Aquaculture, Fisheries and Wildlife, Clemson University, Clemson, South Carolina, 1982-1988.

GRANTS

- NSF Predoctoral Grant for Field Research, 1972. \$3,700.
- NSF Grant, Life History Characteristics of Reptiles: Ecological and Evolutionary Perspectives of Long-Lived Species 1979-1983. \$146,395.
- American Philosophical Society Grant, Analysis of long-term lizard life history studies made by Dr. Donald W. Tinkle, 1981. \$760.
- NSF Grant, Life History Characteristics and Ecology of Turtles: Evolutionary Perspectives on Long-lived Organisms. 1984-1987. \$121,000.
- NSF Grant, Evolution of Delayed Sexual Maturity in Turtles. 1991-1994. \$136,000.
- EPA Grant, Global Change Research Program. 1993-1995. Comparative Risk Assessment of Climate Change and Other Anthropogenic Stresses: Habitat and Biological Diversity on the Savannah River Site, South Carolina, With Dr. Ronald Pullman PI, \$578,818.
- DOE- Environmental Management Science Program. 1996-1999. Determining Significant Endpoints for Ecological Risk Analyses, with Dr. Thomas Hinton (Savannah River Ecology Laboratory), Dr. Chris Rowe (Savannah River Ecology Laboratory), Mr. David Scott (Savannah River Ecology Laboratory), and Dr. Ward Wicker (Colorado State University), and Dr. Joel Bedford (Colorado State University). \$897,666
- NSF Dissertation Improvement Grant 1997-1998. Experimental Tests of the Parental Investment in Care Hypothesis. With Rebecca Yeomans (University of Georgia). \$11,000
- EPA Star Grant. 1999-2000, Coal Combustion Waste: New Perspectives on an Old Problem. \$67,000, with Dr. Christopher Rowe (University of Maryland, Chesapeake Bay Laboratory) and Dr. William Hopkins (Savannah River Ecology Laboratory).
- USFWS. 2002. Demographic characteristics of turtles in relation to harvest. \$70,000, with Dr. Robert Reed and Dr. Whit Gibbons (Savannah River Ecology Laboratory).

HONORS AND AWARDS

1965. Outstanding Scholarship Award, Kiwanis Club, Victor Valley College.
1972. Summer Fellowships for Outstanding Teaching Assistants.
1973. Summer Fellowships for Outstanding Teaching Assistants.
1974. Graduate Fellowship, Arizona State University.
1993. Alumni Hall of Fame, Victor Valley College.
1994. Education Medal of Honor, Student Alumni, San Bernardino County Community College.
1994. Distinguished Alumni, California Community Colleges.
2001. Longevity Award, Foundation IPSEN, France (\$15,000).

TEACHING EXPERIENCE

Undergraduate Classes: General Biology, General Zoology, General Physiology

Graduate Classes: Evolution of Life Histories, Evolutionary Ecology

STUDENTS

Committee Chair or Co-Chair: MS

Julie Wallin	1990	University of Georgia, Athens
Mark Komoroski	1996	University of Georgia, Athens
Roy Nagle	1997	University of South Carolina, Columbia
Owen Kinney	1999	University of Georgia, Athens
Brandon Staub	2000	University of Georgia, Athens
Willy Hollett	2002	University of Guelph, Guelph, Ontario, Canada

Committee Member: MS

Hal Avery	1986	State University of New York, Buffalo
Anita Caudle	1988	University of Georgia, Athens
Matthew Osentoski	1993	East Carolina University, Greenville, NC
Rebecca Yeomans	1993	University of Georgia, Athens
John Lee	1996	University of Georgia, Athens
Jason Samson	2003	University of Guelph, Guelph, Ontario, Canada
Melissa Cameron	2005	University of Guelph, Guelph, Ontario, Canada

Committee Chair or Co-Chair: Ph.D.

Christopher Beck	1998	University of Georgia, Athens
Rebecca Yeomans	1999	University of Georgia, Athens
Miriam Benabib	1990	University of Georgia, Athens
William Hopkins	2001	University of South Carolina, Columbia

Committee Member: Ph.D.

Mary Mendonca	1986	University of California, Berkeley
Scott Eckert	1989	University of Georgia, Athens
Edward Michaud	1989	University of Tennessee, Knoxville
David Galbraith	1989	Queens University, Kingston, Canada
Jeffrey Lovich	1990	University of Georgia, Athens
Mark Belk	1992	University of Georgia, Athens
Peter Niewiarowski	1992	University of Pennsylvania, Philadelphia
Steven Beaupre	1993	University of Pennsylvania, Philadelphia
Robert Fischer	1995	University of South Carolina, Columbia
Vincent Burke	1995	University of Georgia, Athens
John Krenz	1995	University of Georgia, Athens
Willem Roosenburg	1995	University of Pennsylvania, Philadelphia
Michael Angeletta	1998	University of Pennsylvania, Philadelphia
Kurt Buhlmann	1998	University of Georgia, Athens
Christopher Tatara	1999	University of Georgia, Athens
Matthew Osentoski	2001	Florida International University, Miami, FL
Michael Sears	2001	University of Pennsylvania, Philadelphia, PA

Mark Mills	2002	University of Georgia, Athens
Kim Orell	2002	Virginia State Polytechnic University, Blacksburg
William Hopkins	2002	University of South Carolina, Columbia
Jacqueline Litzgus	2003	University of South Carolina, Columbia
James Novak	2003	University of Georgia, Athens
Tracey Tuberville	2006	University of Georgia, Athens
Jeanette McGuire	2011	Michigan State University, East Lansing

Post-doctoral Researchers supervised

Roger Anderson	1989-1991	Michael Dorcas	1995-1997
David Schultz	1990-1992	Christopher Rowe	1995-1997
Peter Niewiarowski	1993-1995		

RESEARCH INTERESTS

My research interests and activities encompass the major areas of : 1) physiology, population biology and evolutionary ecology, and 2) toxicology of heavy metals associated with coal combustion waste products. I am interested in theoretical and conceptual aspects of physiological and ecological processes that combine to shape reproductive, demographic, and life history strategies in natural and contaminated environments. I have conducted field and laboratory investigations of bio-energetics, growth, demography, reproductive biology, and aging of vertebrates.

RESEARCH EXPERIENCE

Principal Investigator, University of Michigan's E. S. George Reserve study of turtle life histories. 1975 - 2007.

Co-Principal Investigator with Michael Pappas on a study of orientation of eight species hatchlings dispersing from nests in the Weaver Dunes area of Minnesota. 2001 - present.

Co-Principal Investigator with Richard van Loben Sels on a study of life history and demography of the Sonoran mud turtle. 1990 - present.

Senior Research Ecologist, Savannah River Ecology Laboratory, Aiken, South Carolina. Physiological Ecology and Toxicology of Coal Ash Basins. 1990- present.

Associate Research Ecologist, Savannah River Ecology Laboratory, Aiken, South Carolina. Thermal biology of vertebrates. 1985-1990.

Post-doctoral Scholar, Savannah River Ecology Laboratory, Aiken, South Carolina. 1980-1984.

Post-doctoral Scholar, Museum of Zoology, University of Michigan, 1976-1979.

Research Assistant, Museum of Zoology, University of Michigan, 1972-1973.

Research Contract, California Fish and Game Department, Endangered Species Status, 1971.

Research Assistant, California Polytechnic University, 1970.

ADMINISTRATIVE EXPERIENCE

Administration of Physiological Ecology Group, Savannah River Ecology Laboratory. (one research coordinator, two full-time and two part-time research assistants, and one post-doc). 1985-2002.

Administration of NSF Grants, (two full-time and four part-time research assistants). 1980-1984, 1984-1986, 1991-1995.

PROFESSIONAL SOCIETIES

AAZPA, Freshwater Turtle Advisory Panel
Chelonian Conservation and Biology Society (**Life Member**)
Herpetologists' League (**Life member**)
IUCN/SSC Tortoise and Freshwater Turtle Specialist Group
Malpai Borderlands Group Science Advisory Board
Sky Island Alliance Science Advisory Board
Society of the Study of Amphibians and Reptiles (**Life Member**)
Society of Sigma Xi
Tucson Herpetological Society (**Life Member**)
Turtle Survival Alliance

APPOINTMENTS IN PROFESSIONAL ORGANIZATIONS

AAZPA, Freshwater Turtle Advisory Panel
Society for the Study of Amphibians and Amphibians, Journal of Herpetology
Editorial Board, 1987- 2002
Chelonian Conservation and Biology, Editorial Board

Reviewer- Grants: DOE, EPA, NSF, Research Council of Canada

Reviewer- papers: American Midland Naturalist, American Naturalist, Animal Conservation, Canadian Journal of Zoology, Canadian Field Naturalist, Chelonian Conservation and Biology, Conservation Biology, Copeia, Ecology, Ecology Letters, Evolution, Functional Ecology, Herpetologica, Herpetological Conservation and Biology, Journal of Herpetology, Journal of Mammalogy, Journal of Toxicology and Chemistry, Oecologia

OAK RIDGE TRAVELING LECTURES

Berry College, Rome, GA
Ohio State University, OH
Purdue University, IN
Southwest Texas University, TX
University of Texas at Arlington, TX

Eastern Carolina University, NC
Oklahoma State University, OK
Randolph Macon College, VA
University of Eastern Tennessee, TN
Washington-Lee University, VA

INVITED SEMINARS

1st Donald W. Tinkle Memorial Lecture, University of Michigan, Ann Arbor, MI
1st World Congress of Herpetology, Canterbury, England (3)
2nd World Congress of Herpetology, Adelaide, Australia
3rd Donald W. Tinkle Memorial Lecture, University of Michigan, Ann Arbor, MI
All Florida Herpetology Conference, Gainesville, FL
Arizona State University, Tempe, AZ (3)
Auburn University, Auburn, AL
Bowling Green University, Ohio
California State Polytechnic University, San Luis Obispo, CA
Clemson University, Clemson, SC
Desert Tortoise Council Meetings (4)
Duke University, NC
Eastern Illinois University, Charleston, IL
Georgia Southern University, Statesboro, GA
Malpai Borderlands Science Meeting, Douglas AZ (2)
Michigan State University, E. Lansing, MI
Midwest PARC Meeting, Lorado Taft Field Campus of Northern Illinois University
North Carolina State University, Raleigh, NC
North Western PARC, 2010 keynote address
Pennsylvania State University, College Park, PA
Powdermill Freshwater Turtle Meetings I, II, III, IV, VI
Queen's University, Kingston, Canada
Sea Turtle Meetings (2)
Sky Island Conference (2)
Savannah River Ecology Laboratory, Aiken, SC
Southwestern Louisiana University
Tennessee State University, Memphis, TN
Texas Tech University, Lubbock, TX
Toronto Zoo Turtle Conservation Workshop (4)
Tucson Herpetological Society (2)
Universidad Nacional Autonoma de Mexico, Mexico City (2)
University of Arizona, Tucson, AZ (2)
University of Florida, Gainesville, FL (3)
University of Georgia, Athens, GA (7)
University of Guelph, Guelph, Canada
University of Kentucky, Lexington, KY
University of Michigan, Ann Arbor, MI (3)
University of Michigan, Dearborn, MI
University of Nebraska, Lincoln, NE
University of North Carolina, Greensboro, NC
University of Ohio, Miami, OH
University of Ohio, Athens, OH
University of Oklahoma, Norman, OK

University of South Florida, Tampa, FL
University of Tennessee, Knoxville, TN (3)
University of Texas at Arlington, Arlington, TX (2)
University of Toledo, Toledo, OH
Utah State University, Provo, UT (2)
Victor Valley College, Victorville, CA
Virginia Polytechnical Institute and State University, Blacksburg, VA (3)
Wilkes College, Wilkes Barre, PA

SYMPOSIA ORGANIZED

1989. Nutrition and Energetics in Desert Tortoises. Desert Tortoise Council Meeting, Mesquite NV. Presentation: "*Why desert tortoises eat dirt*"
1989. Evolution of Life Histories of Turtles,. First World Congress of Herpetology, Canterbury, England. Presentation: "*Life history evolution in turtles*"
1991. Chaired the Third Meeting of the Freshwater Turtle Research Group, Powdermill III. Savannah River Ecology Laboratory. Presentation "*Reproduction and Nesting Ecology of Painted Turtles*"
- 1997 Resource Allocation Processes: the Connection Between Individual and Population Levels of Biological Organization:. Savannah River Ecology Laboratory Symposia Series IV. Presentation: "*Allocation to growth by juveniles: evolution of delayed sexual maturity in painted turtles*"
- 2006 Co-chaired with Dr. Dawn Wilson. Powdermill VI Freshwater Turtle Ecology, Southwestern Research Station, Portal, Arizona. Presentation: *Demographics of age and Aging in long-lived vertebrates (i.e., turtles)*.
2011. Co-chaired with Dr. Richard Vogt and Michael Pappas. Upper Mississippi River Symposium Honoring Dr. John Legler. Joint Meeting of SSAR and Herpetologists League, Minneapolis, Minnesota. Presentation: "*Perceptions of Indeterminate growth and its importance in the evolution of turtle life histories and longevity*".

SYMPOSIA PARTICIPATION

1982. *Reproductive energetics of painted turtles.*" Reproduction in Reptiles. **Joint meeting of the Society for the Study of Amphibians and Reptiles and the Herpetologists' League. Memphis, TN.**
1987. "*Proximate and evolutionary constraints on energy relations of reptiles*" Bioenergetics of Organisms in Extreme Environments. **American Society of Zoologists Meeting, San Antonio, TX.**
1989. "*Pre-ovulatory parental investment in care by reptiles*" **Egg Tricks. First World Congress of Herpetology. Canterbury, England.**
1989. "*A long-term study of turtles on the E. S. George Reserve in southeastern Michigan*" Long-Term Studies: First World Congress of Herpetology. Canterbury, England.
1989. "*Life history evolution in turtles*" **Evolution of Turtle Life Histories. First World Congress of Herpetology. Canterbury, England.**

1989. "*Demographics of common snapping turtles (Chelydra serpentina): implications for conservation and management of long-lived organisms*" **Long-Term Studies and Conservation biology. American Society of Zoologists Meeting. Vancouver, Canada.**
1992. "*Senescence in turtles: evidence from three decades of study on the E. S. George Reserve*" **Senescence in Organisms in Natural Populations: American Association of Gerontologists. Washington, DC.**
1993. "*Parental investment strategies in reptiles*" **Parental Investment in Reptiles. Second World Congress of Herpetology. Adelaide, Australia.**
1994. "*Consequences of variation in age at sexual maturity to the demographics of painted turtles (Chrysemys picta)*" **Interfaces Between Individuals and Populations: Joint Annual Meeting of the Herpetologists' League and the Society for the Study of Amphibians and Reptiles. Athens, GA.**
1997. "*Applying the concept of 'feasible demography' to conservation and management of endangered species* *Endangered Species of Michigan.* **Michigan Academy of Arts and Sciences. Grand Rapids, MI.**
1997. "*Applying the concept of 'feasible demography' to conservation and management of long-lived organisms*" **Life Histories of Turtles. Joint annual meeting of the Herpetologists League and the Society for the Study of Amphibians and Reptiles. Seattle, WA.**
1997. "*Juvenile and adult survivorship rates of turtles: life history trait values that limit harvest*" **Sustainable Yield and the Conservation of Long-Lived Vertebrates. Joint annual meeting of the Herpetologists League and the Society for the Study of Amphibians and Reptiles. Seattle, WA,**
1997. "*Oviductal Sperm Storage as a Reproductive Tactic of Turtles*" **Reproductive Biology. World Congress of Morphology, London, England..**
1998. "*Evidence for actuarial senescence in turtles*" **Workshop on Organisms with Negligible Senescence II. Ethel Percy Andrus Gerontology Center, University of Southern California.**
1999. "*Evidence for reproductive senescence in turtles*" **Workshop on Organisms with Negligible Senescence III. Ethel Percy Andrus Gerontology Center, University of Souther California.**
1999. "*Resource-allocation based life histories: A conceptual basis for studies of ecological toxicology*" **Bioenergetics and Toxicology. SETAC Meetings, Philadelphia.**
1999. "*Hypotheses of Aging in a Long-lived Vertebrate (Blanding's turtle, Emydoidea blandingii)*" **Symposium on Slowly Aging Organisms. Ethel Percy Andrus Gerontology Center, University of Southern California.**
2000. "*Resource Allocation Based Life-Histories of Reptiles: Concepts for Studies of Sub-Lethal Effects of Contaminants Toxicology of Reptiles*". **Reptile Toxicology, Society of Environmental Toxicologists and Chemists Meetings, Nashville, TN.**
2000. *Living With Uncertainty: Life-History and Demographics of Sonoran Mud Turtles (Kinosternon sonoriense).* **Malpai Borderlands Science Meetings, Douglas, AZ.**
2001. "*Old Blanding's Turtles Never Die, nor do they Fade Away*". **Foundation IPSEN Symposium on Longevity, World Congress of Gerontology, Vancouver, Canada.**
2002. "*A Review of Demography, Longevity and Aging in Blanding's Turtle*". **The Brain and Longevity, Foundation IPSEN, Paris, France.**

2002. *Feasible Demography Approach to the Study of Desert Tortoises*” **Desert Tortoise Research on Ft. Irwin, California, Desert Tortoise Council Meeting, Plam Springs, CA**
2002. *Life history and demographic aspects of aging in a long-lived turtle (Emydoidea blandingii)*. **The Oldest Old. Thirteenth Annual Southeastern Regional Student Convention in Gerontology and Geriatrics. University of Georgia, Athens.**
2004. *The History of Life Histories of Long-Lived Organisms*. Symposium Honoring the Career and Life of Dr. Eric Pianka. **Joint meeting of the Society for the Study of Amphibians and Reptiles and the Herpetologists' League. Norman, OK.**
2004. *Life Histories and Aging in Long-Lived Organisms*. **Demography of Aging in Turtles. Max Plank Institute of Demography, Rostock, Germany**
2008. *The currency of life-history evolution: why older turtles are valuable, and how they got that way*. Is Management of Sustainable Commercial Harvest of Long-Lived Organisms Possible. **Joint Meeting of SSAR and Herpetologists League, Montreal, Canada.**
- 2011.** Upper Mississippi River Symposium Honoring Dr. John Legler. Presentation: “*Perceptions of Indeterminate growth and its importance in the evolution of turtle life histories and longevity*”. **Joint Meeting of SSAR and Herpetologists League, Minneapolis, Minnesota.**

TECHNICAL REPORTS

1971. Congdon, J.D. Population estimate and distribution of the Morro Bay kangaroo rat. **California Department of Fish and Game Wildlife Management. Br. Admin. Rpt. No. 71-11, mimeographed. 16 pp.**
1987. Congdon, J.D., M.V. Plummer, M.E. Seidel, and L.R. Swingland. An assessment of the sufficiency and accuracy of available data regarding the status of the Flattened Musk Turtle (*Sternotherus depressus*). **Report to the director of the U.S. Fish and Wildlife Service, U.S. Department of the Interior. Washington, DC 20240.**
1995. van Loben Sels, R.C., J.D. Congdon and J.T. Austin. Aspects of the life history and ecology of the Sonoran mud turtle (*Kinosternon sonoriense*). p. 262-266. In: **Proceedings of the Biology of the Madrean Archipelago: The Sky Island of Southwestern United States and Mexico. General Technical Report RM-GTR-264. Rocky Mountain Research Station, USDA Forest Service. Tucson, AZ.**
1995. Congdon, J.D., A.E. Dunham and R.C. van Loben Sels. Life histories and demographics of long-lived organisms: implications for management and conservation. p. 624-630. In: **Proceedings of the Biology of the Madrean Archipelago: The Sky Island of Southwestern United States and Mexico. General Technical Report RM-GTR-264. Rocky Mountain Research Station, USDA Forest Service. Tucson, AZ.**
2001. Pappas, M.J., J.D. Congdon, A. Pappas. Weaver Bottoms 2001 Turtle Survey: Management and Conservation Concerns. **Report to the Minnesota Department of Natural Resources and the United States Fish and Wildlife Service.**
2002. Congdon, J. D. and M. J. Pappas. Status of Blanding’s Turtles in Exner Marsh in Lake of the Hills, Illinois. **Report to the Plote Construction Company and Lake of the Hills Community Planning Committee.**

2002. Reed, R.N., J.D. Congdon, and J.W. Gibbons. The Alligator Snapping Turtle [*Macrochelys (Macrochelys) temminckii*]: a review of ecology, life history, and conservation, with demographic analyses of the sustainability of take from wild populations. **Division of Scientific Authority, United States Fish and Wildlife Service**
2003. Pappas, M.J., and J.D. Congdon,. Weaver Bottoms 2002 Turtle Survey: Management and Conservation Concerns. **Report to the Minnesota Department of Natural Resources and the United States Fish and Wildlife Service**
2003. Pappas, M.J., and J.D. Congdon, Removal of sand from Island #42 on the Mississippi River: impact on nesting turtles. **Report to the Minnesota Department of Natural Resources and the United States Fish and Wildlife Service.**

PUBLICATIONS (PUBLISHED PAPERS)

1974. Congdon, J.D., L.J. Vitt and W.W. King. Geckos: adaptive significance and energetics of tail autotomy. **Science** 184:1380-1397.
1974. Congdon, J.D. Effect of habitat quality on distributions of three sympatric species of desert rodents. **Journal of Mammalogy** 55:659-662.
1974. Vitt, L.J., J.D. Congdon, J.E. Platz and A.C. Hulse. Territorial aggressive encounters and tail breaks in the lizard *Sceloporus magister*. **Copeia** 1974:990-993.
1975. Congdon, J.D., L.J. Vitt, J.E. Platz and A.C. Hulse. A portable rapid injector for preserving fish, amphibian and reptile specimens in the field. **Copeia** 1975:183.
1975. Congdon, J.D. and A. Roest. Status of the endangered Morro Bay kangaroo rat. **Journal of Mammalogy** 56:679-683.
1977. Vitt, L.J., J.D. Congdon and N.A. Dickson. Adaptive strategies and energetics of tail autotomy in lizards. **Ecology** 55:326-337.
1978. Congdon, J.D., L.J. Vitt and N.F. Hadley. Parental investment: comparative reproductive energetics in bisexual and unisexual lizards, genus *Cnemidophorus*. **American Naturalist** 12:595-608.
1978. Vitt, L.J. and J.D. Congdon. Body shape, reproductive effort, and relative clutch mass in lizards: resolution of a paradox. **American Naturalist** 112:595-608.
1978. Congdon, J.D., W.W. King and K.A. Nagy. Validation of the HTO-18 method for determination of CO₂ production of lizards (genus *Sceloporus*). **Copeia** 1978:360-361.
1979. Congdon, J.D., R.E. Ballinger and K.A. Nagy. Energetics and water relations of free-roaming winter aggregated lizards (*Sceloporus jarrovi*). **Ecology** 60:3-35.
1980. Ballinger, R.E. and J.D. Congdon. Food resource limitation of body growth rates in *Sceloporus scalaris* (Sauria: Iguanidae). **Copeia** 1980:921-923.
1981. Ballinger, R.E. and J.D. Congdon. Population ecology and life history strategy of a montane lizard (*Sceloporus scalaris*) in southeastern Arizona. **Journal of Natural History** 15:213-222.
1981. Congdon, J.D., L.J. Vitt and N.F. Hadley. Reply to Schall. **American Naturalist** 117:217-222.
1981. Tinkle, D.W., J.D. Congdon and P.C. Rosen. Nesting frequency and success: implications for the demography of painted turtles. **Ecology** 62:1426-1432.

1982. Congdon, J.D. and D.W. Tinkle. Reproductive energetics of the painted turtle (*Chrysemys picta*). **Herpetologica** 37:228-237.
1982. Congdon, J.D., L.J. Vitt, R.C. van Loben Sels and R.D. Ohmart. The ecological significance of water flux rates in arboreal desert lizards of the genus *Urosaurus*. **Physiological Zoology** 55:317-322.
1982. Congdon, J.D. and D.W. Tinkle. Energy expenditure in free-ranging sagebrush lizards (*Sceloporus graciosus*) at high elevations. *Canadian Journal of Zoology* 60:1412-1416.
1983. Congdon, J.D., J.W. Gibbons and J.L. Greene. Parental investment in the chicken turtle (*Deirochelys reticularia*). **Ecology** 64:419-425.
1983. Fiala, K. and J.D. Congdon. Energetic consequences of sexual dimorphism in nestling red-winged blackbirds. **Ecology** 64:642-647.
1983. Congdon, J.D., D.W. Tinkle and P.C. Rosen. Egg components and utilization during development in aquatic turtles. **Copeia** 1983:264-268.
1983. Congdon, J.D. and J.W. Gibbons. Relationships of reproductive characteristics to body size in *Pseudemys scripta*. **Herpetologica** 39:147-151.
1983. Congdon, J.D., D.W. Tinkle, G.L. Breitenbach and R.C. van Loben Sels. Nesting ecology and hatching success in the Blanding's turtle *Emydoidea blandingi*. **Herpetologica** 39:417-429.
1983. Gibbons, J.W., J.L. Greene and J.D. Congdon. Drought-related responses of aquatic turtle populations. **Journal of Herpetology** 17:242-246.
1984. Breitenbach, G.L., J.D. Congdon and R.C. van Loben Sels. Winter temperatures of *Chrysemys picta* nests in Michigan: effects on hatchling survival. **Herpetologica** 40:76-81.
1984. Morreale, S., J.W. Gibbons and J.D. Congdon. Significance of activity and movement in the yellow-bellied slider turtle (*Pseudemys scripta*). **Canadian Journal of Zoology** 62:1038-1042.
1985. Congdon, J.D. and J.W. Gibbons. Egg components and reproductive characteristics of turtles: relationships to body size. **Herpetologica** 41:194-205.
1985. Licht, P., G.L. Breitenbach and J.D. Congdon. Seasonal cycles in testicular activity, gonadotropin and thyroxine in the painted turtle, *Chrysemys picta*, under natural conditions. **General and Comparative Endocrinology** 59:130-139.
1985. Lamb, T. and J.D. Congdon. Ash content: relationships to leathery and brittle egg shell types of turtles. *Journal of Herpetology* 19:527-530.
1986. Congdon, J.D., J.L. Greene and J.W. Gibbons. Biomass of freshwater turtles: a geographic comparison. **American Midland Naturalist** 115:165-173.
1987. Congdon, J.D., G.L. Breitenbach, R.C. van Loben Sels and D.W. Tinkle. Reproduction, nesting ecology, and hatchling success of snapping turtles (*Chelydra serpentina*) in southeastern Michigan. **Herpetologica** 43:39-54.
1987. Congdon, J.D. and J.W. Gibbons. Morphological constraint on egg size: a challenge to optimal egg size theory. **Proceedings of the National Academy of Science** 16:4145-4147.
1988. Congdon, J.D. Toward more conceptual and theoretical issues. Book Review of *New Directions in Ecological Physiology*. **Ecology** 69:1643.
1989. Congdon, J.D. and R.E. Gatten, Jr. Movements and energetics of nesting *Chrysemys picta*. **Herpetologica** 45:94-100.

1989. Congdon, J.D. Proximate and evolutionary constraints on energy relations of reptiles. **Physiological Zoology** 62:356-373.
1989. Congdon, J.D. and J.W. Gibbons. Biomass production of freshwater turtles: a geographic comparison. Sharitz, R.R. and J.W. Gibbons (eds.) **Freshwater Wetlands and Wildlife Symposium DOE-CONF8603101 Office of Scientific and Technical Information, U.S. Department of Energy, Oak Ridge, TN.**
1989. Congdon, J.D. and R.E. Gatten. Activity of overwintering box turtles, *Terrapene ornata*. **Journal of Herpetology** 23:179-181.
1989. Congdon, J.D. and J.W. Gibbons. Post-hatching yolk reserves in American alligators. **Herpetologica** 45:305-309.
1991. Fischer, R.U., F.J. Mazzotti, J.D. Congdon and R.E. Gatten, Jr. Post-hatching yolk reserves: parental investment in American alligators from Louisiana. **Journal of Herpetology** 25:253-256.
1991. Congdon, J.D. and R.C. van Loben Sels. Growth and body size in the Blanding's turtles (*Emydoidea blandingi*): relationships to reproduction. **Canadian Journal of Zoology** 69:239-245.
1991. Gatten, R.E., Jr., J.D. Congdon, F.J. Mazzotti and R.U. Fischer. Glycolysis and swimming performance in juvenile alligators. **Journal of Herpetology** 25:406-411.
1992. Benabib, M. and J.D. Congdon. Metabolic and water flux rates of free-ranging tropical lizards (*Sceloporus variabilis*). **Physiological Zoology** 65:788-802.
1993. Congdon, J.D. and R.C. van Loben Sels. Reproductive characteristics and body size: relationships with attainment of sexual maturity and age in Blanding's turtles (*Emydoidea blandingi*). **Journal of Evolution and Biology** 6:547-557.
1993. Congdon, J.D., S.W. Gotte and R.W. McDiarmid. Ontogenetic changes in habitat use by juvenile turtles (*Chelydra serpentina* and *Chrysemys picta*). **Canadian Field Naturalist** 6:241-248.
1993. Plummer, M.V. and J.D. Congdon. Life history: *Coluber constrictor* (Black Racer) predation. **Herpetological Review** 23:80-81.
1993. Scribner, K.T., J.D. Congdon, R.K. Chesser and M.H. Smith. Annual difference in female reproductive success affect spatial and cohort-specific genotypic heterogeneity in painted turtles (*Chrysemys picta*). **Evolution** 47:1360-1373.
1993. Burke, V.J., M. Ostentoski, R.D. Nagle and J.D. Congdon. Common snapping turtles associated with ant mounds. **Journal of Herpetology** 27:114-115.
1993. Tinkle, D.W., A.E. Dunham and J.D. Congdon. Life history and demographic variation in *Sceloporus graciosus*: a long-term study. **Ecology** 74:2413-2429.
1993. Congdon, J.D., A.E. Dunham and R.C. van Loben Sels. Delayed sexual maturity and demographics of Blanding's turtles: implications for conservation and management of long-lived organisms. **Journal of Conservation Biology** 7:826-833.
1993. Avery, H.W., J.R. Spotila, J.D. Congdon, R.U. Fischer, E.A. Standora and S.B. Avery. Roles of diet protein and temperature in the growth and nutritional energetics of juvenile slider turtles, *Trachemys scripta*. **Physiological Zoology** 66:902-925.
1994. Fischer, R.U., D.E. Scott, J.D. Congdon and S.A. Busa. Mass dynamics during embryonic development and parental investment in cottonmouth neonates. **Journal of Herpetology** 28:364-369.

1994. Smith, K.T., R.E. Ballinger and J.D. Congdon. Thermal ecology of a montane lizard, *Sceloporus scalaris*. **Canadian Journal of Zoology** 71:2152-2155.
1994. Plummer, M.V. and J.D. Congdon. Radiotelemetric study of activity and movement of racers (*Coluber constrictor*) associated with a Carolina Bay in South Carolina. **Copeia** 1994:20-26.
1994. Congdon, J.D., A.E. Dunham and R.C. van Loben Sels. Demographics of common snapping turtles: Implications for conservation and management of long-lived organisms. **American Zoologist** 34:397-408.
1995. Scott, D.E., R.U. Fischer, J.D. Congdon and S.A. Busa. Whole body lipid dynamics and reproduction in the Eastern cottonmouth, *Agkistrodon piscivorus*. **Herpetologica** 51:472-487.
1995. Congdon, J.D., A.E. Dunham and R.C. van Loben Sels. Management and conservation of desert tortoises: lessons from long-term studies. p. 324-330. In: **Proceedings of the Desert Tortoise Council Symposium**. Tucson, AZ.
1995. Jenssen, T.A., J.D. Congdon, R.U. Fischer, R. Estes, D. Kling, S. Edmands and H. Berna. Morphological characteristics of the lizard, *Anolis carolinensis*, from South Carolina. **Herpetologica** 51:401-411.
1995. Congdon, J.D., R.U. Fischer and R. Gatten, Jr. Effects of incubation temperatures on characteristics of hatchling American alligators. **Herpetologica** 51:497-504.
1996. Jenssen, T.A., J.D. Congdon, R.U. Fischer, R. Estes, D. Kling, S. Edmands and H. Berna. Behavioral, thermal, and metabolic characteristics of a wintering lizard (*Anolis carolinensis*) from South Carolina. **Functional Ecology** 10:201-209..
1996. Plummer, M.V. and J.D. Congdon. Rates of metabolism and water-flux in free-ranging racers (*Coluber constrictor*). **Copeia** 1996:8-14.
1996. Nagle, R.D., R.C. van Loben Sels and J.D. Congdon. Observations of agonistic and mutualistic interactions between birds and non-avian vertebrates on the E. S. George Reserve, Michigan. **Canadian Field-Naturalist** 109:464-466.
1996. Ballinger, R.E. and J.D. Congdon. Status of the bunch grass lizard, *Sceloporus scalaris*, in the Chiricahua Mountains of Southeastern Arizona. **Bulletin of the Maryland Herpetological Society** 32:67-69.
1996. Fischer, R.U., J.D. Congdon and M. Brock. Total body electrical conductivity (TOBEC): a tool to estimate lean mass and non-polar lipids of an aquatic organism. **Copeia** 1996:459-462.
1996. Rowe, C.L., O.M. Kinney, A.P. Fiori, and J.D. Congdon. Oral deformities in tadpoles (*Rana catesbeiana*) associated with coal ash deposition: effects on grazing ability and growth. **Freshwater Biology** 36:723-730.
1997. van Loben Sels, R.C., J.D. Congdon, and J.T. Austin. Life history and ecology of the Sonoran mud turtle (*Kinosternon sonoriense*) in southeast Arizona: a preliminary report. **Chelonian Conservation and Biology** 2:338-344.
1997. Hinton, T. G., P. Fledderman, J. Lovich, J. Congdon, and J. W. Gibbons. Radiographic determination of fecundity: is the technique safe for developing embryos? **Chelonian Conservation and Biology** 2:409-414.
1997. Niewiarowski, P.H., J.D. Congdon, A.E. Dunham, L.J. Vitt and D.W. Tinkle. Tales of lizard tails: effects of tail autonomy on subsequent survival and growth of free-ranging hatchling *Uta stansburiana*. **Canadian Journal of Zoology** 75:542-548.

1997. Gibbons, J. W., V. J. Burke, J. E. Lovich, R. E. Semlitsch, T. D. Tuberville, J. R. Bodie, J. L. Greene, P. H. Niewiarowski, H. H. Whiteman, D. E. Scott, J. H. K. Pechmann, C. R. Harrison, S. H. Bennett, J. D. Krenz, M. S. Mills, K. A. Buhlmann, J. R. Lee, R. A. Seigel, A. D. Tucker, T. M. Mills, T. Lamb, M. E. Dorcas, J. D. Congdon, M. H. Smith, D. H. Nelson, M. B. Dietsch, H. G. Hanlin, J. A. Ott, and D. J. Karapatakis. Perceptions of species abundance, distribution, and diversity: lessons from four decades of sampling on a government-managed reserve. **Environmental Management** 21:259-268.
1998. Hopkins, W.A., M.T. Mendonca, and J.D. Congdon. Increased circulating levels of testosterone and corticosterone in southern toads, *Bufo terrestris* exposed to coal combustion waste. **General and Comparative Endocrinology** 108:237-246.
1998. Gessaman, J.A., R.D. Nagle, and J.D. Congdon. Evaluation of the cyclopropane absorption method of measuring avian body fat. **The Auk** 115:175-181.
1998. Raimondo, S.M., C.L. Rowe, and J.D. Congdon. Exposure to coal ash impacts swimming behavior and predator avoidance in larval bullfrogs (*Rana catesbeiana*) chronically exposed to trace elements derived from coal ash. **Journal of Herpetology** 32:289-292..
1998. Rowe, C.L., O.M. Kinney, R.D. Nagle, and J.D. Congdon. Elevated maintenance costs in an anuran (*Rana catesbeiana*) exposed to a mixture of trace elements during the embryonic and early larval periods. **Physiological Zoology** 71:27-35.
1998. Rowe, C.L., O.M. Kinney, and J.D. Congdon. Oral deformities in tadpoles of the bullfrog (*Rana catesbeiana*) caused by conditions in a polluted habitat. **Copeia** 1998:244-246.
1998. Nagle, R.D., V. Burke, and J.D. Congdon. A comparison of egg and hatchling components of *Kinosternon subrubrum*, *Kinosternon bauri*, *Sternotherus odoratus*, and *Sternotherus minor*. **Comparative Biochemistry and Physiology, 1998B**: 145-152.
1998. Kinney, O.M., R.D. Nagle, and J.D. Congdon. Water transport by nesting painted turtles (*Chrysemys picta marginata*) in Michigan. **Chelonian Conservation and Biology**, 3:71-76
1998. Hinton T.G., J.A. Gessaman, R.D. Nagle, and J.D. Congdon. An evaluation of whole-body potassium-40 content for estimating lean and fat mass in pigeons. **The Condor** 100:579-582.
1998. Hopkins, W.A., M.T. Mendonca, C.L. Rowe, and J.D. Congdon. Elevated trace element concentrations in southern toads, *Bufo terrestris* exposed to coal combustion wastes. **Archives of Environmental Contamination and Toxicology** 35:325-329.
1998. Gist, D.H., and J.D. Congdon. Oviductal sperm storage as a reproductive tactic of turtles. **Journal of Experimental Zoology** 282:526-534.
1998. Komoroski, M.J., R.D. Nagle, and J.D. Congdon. Relationships of lipids to ovum size in amphibians. **Physiological Zoology** 71:633-641.
1999. Fischer, R.U., J. Aho, C. Di Fonzo and J.D. Congdon. Reproduction and whole body lipid cycles of bluegill fish from heated and normothermic habitats. **Thermal Biology** 23(6):359-367.
1999. Hopkins, W.A., C.L. Rowe, and J.D. Congdon. Increased maintenance costs and trace element concentrations in banded water snakes, *Nerodia fasciata*, exposed to coal combustion wastes. **Environmental Toxicology and Chemistry** 18 (6):1258-1263.

1999. Hopkins, W.A., M.T. Mendonça, and J.D. Congdon. 1999. Responsiveness of the hypothalamo-pituitary-interrenal axis in an amphibian (*Bufo terrestris*) exposed to coal combustion wastes. **Comparative Biochemistry and Physiology** 122(2):191-196.
1999. Congdon, J.D., R.D. Nagle, A.E. Dunham, C. Beck, O.M. Kinney, and S.R. Yeomans. An experimental analysis of the relationship between body size and survivorship of hatchling snapping turtles (*Chelydra serpentina*): an evaluation of the "bigger is better" hypothesis. **Oecologia** 121:224-235.
1999. Hopkins, W.A., C.L. Rowe, and J.D. Congdon. Elevated trace element concentrations and standard metabolic rate in banded water snakes, *Nerodia fasciata*, exposed to coal combustion wastes. **Environmental Toxicology and Chemistry** 18:1258-1263.
2000. Hopkins, W.A., J.D. Congdon, and J.K. Ray. Incidence and impact of axial malformations in bullfrog larvae developing in sites impacted by coal combustion byproducts. **Environmental Toxicology and Chemistry**, 19:862-868.
2000. Nagle, R.D., O.M. Kinney, and J.D. Congdon. Sub-zero temperatures and winter survivorship of hatchling painted turtles *Chrysemys picta* in Michigan. **Canadian Journal of Zoology**, 78:226-233.
2000. Ulsh, B.A., M.C. Mühlmann-Díaz, F.W. Whicker, T.G. Hinton, J.D. Congdon, and J.S. Bedford. Chromosome translocations in turtles: A biomarker in a sentinel animal for ecological dosimetry. **Radiation Research** 153, 752-759.
2000. Hopkins, W.A., J.W. Snodgrass, J.H. Roe, B.P. Jackson, J.C. Gariboldi, and J.D. Congdon. Detrimental effects associated with trace element uptake in lake chubsuckers (*Erimyzon sucetta*) exposed to pollutants. **Arch. Environmental Contamination and Toxicology** 39:193-199.
2000. Beck, C.W., and J.D. Congdon. Effects of age and size at metamorphosis on performance and metabolic rates of southern toad, *Bufo terrestris*, metamorphs. **Functional Ecology** 14:32-38.
2000. Gist, D.H., Turner, T.W., and J.D. Congdon. Chemical and thermal effects on the viability and motility of spermatozoa from the turtle epididymis. **Journal of Reproduction and Fertility** 119:271-277.
2000. Beck, C.W., and J.D. Congdon. Effects of individual variation in age and size at metamorphosis on growth and survivorship of southern toad (*Bufo terrestris*) metamorphs. **Canadian Journal of Zoology** 77:944-951.
2000. Congdon, J.D., R.D. Nagle, R.D., O.M. Kinney, M. Osentoski, H. Avery, R.C. van Loben Sels, and D. W. Tinkle. Nesting ecology, and embryo mortality: implications for the demography of Blanding's turtles (*Emydoidea blandingii*). **Chelonian Conservation and Biology** 3:569-579.
2000. Pappas, M J., B.J. Brecke, and J.D. Congdon. The Blanding's turtles (*Emydoidea blandingii*) of Weaver Dunes, Minnesota. **Chelonian Conservation and Biology** 3:557-568.
2001. Congdon, J.D., R.D. Nagle, O.M. Kinney, and R.C. van Loben Sels. Hypotheses of aging in a long-lived vertebrate (Blanding's turtle, *Emydoidea blandingii*). **Experimental Gerontology** 36:813-827.
2001. Nagle, R.D., C.L. Rowe, and J.D. Congdon. Accumulation and selective maternal transfer of contaminants in the turtle *Trachemys scripta* associated with coal ash deposition. **Archives Environmental Contamination and Toxicology** 40:531-536.

2001. Jenssen, T.A., M.B. Lovern, and J.D. Congdon. Field testing the protandry-based mating system for the Lizard, *Anolis carolinensis*: does the model organism have the right model? **Behavioral Ecology and Sociobiology** 50:162-172.
2001. Ulsh, B.A., J.D. Congdon, F.W. Whicker, T.G. Hinton and J. S. Bedford. Culture methods for turtle lymphocytes. **Methods in Cell Science** 22:285-297.
2001. Congdon, J.D., A.E. Dunham, W.A. Hopkins, C.L. Rowe, and T.G. Hinton. Resource-allocation based life histories: A conceptual basis for studies of ecological toxicology. **Environmental Toxicology and Chemistry** 20:1698-1703.
2001. Hopkins, W.A., J.H. Roe, J.W. Snodgrass, B.P. Jackson, D.E. Kling, C.L. Rowe, and J.D. Congdon.. Nondestructive indices of trace element exposure in squamate reptiles. **Environmental Pollution** 115:1-7.
2001. Komoroski, M.J., and J.D. Congdon. Scaling of nonpolar lipids with ovum size in the mole salamander, *Abystoma talpoideum*. **Journal of Herpetology**, 35:517-521.
2001. Rowe, C.L., W.A. Hopkins, C. Zehnder, and J.D. Congdon. Metabolic costs incurred by crayfish (*Procambarus acutus*) in a trace element-polluted habitat: further evidence of similar responses among diverse taxonomic groups. **Comparative Biochemistry and Physiology (C)** 129:275-283.
2001. Mulhmann-Diaz, M.C., B.A. Ulsh, F.W. Whicker, T.G. Hinton, J.D. Congdon, and J. S. Bedford. Conservation of chromosome-1 in turtles over 66 million years. **Cytogenics and Cell Genetics** 92:285-297.
2001. Ulsh, B.A., F.W. Whicker, T.G. Hinton, J.D. Congdon, and J.S. Bedford. 2001. Chromosome translocations in *T. scripta*: the dose-rate effect and in vivo lymphocyte radiation response. **Radiation Research** 155:63
2001. Gist, D.H., S.M. Dawes, T.W. Turner, S. Sheldon, and J.D. Congdon. Sperm storage in turtles: a male perspective. **Journal of Experimental Zoology**. 292:180-186.
2001. Rowe, C.L., W.A. Hopkins, and J.D. Congdon. How multiple sublethal effects may ultimately reduce amphibian recruitment from a contaminated breeding site. *The Scientific World* 1:703-712.
2002. Hopkins, W.A., J.W. Snodgrass, J.H. Roe, D.E. Kling, B.P. Staub, B.P. Jackson and J.D. Congdon.. Effects of food ration on survival and sublethal responses of lake chubsuckers (*Erimyzon sucetta*) exposed to coal combustion wastes. **Aquatic Toxicology**, 57:191-202.
2002. Congdon, J.D., R.D. Nagle, M.O. Osentoski, O.M. Kinney, and R.C. van Loben Sels. Life history and demographic aspects of aging in a long-lived turtle (*Emydoidea blandingii*). In M. Walker (Ed.) **Thirteenth Annual Southeastern Regional Student Convention in Gerontology and Geriatrics**.
2002. Hopkins, W.A., J.H. Roe, J.W. Snodgrass, B.P. Staub, B.P. Jackson and J.D. Congdon. Trace element accumulation and effects of chronic dietary exposure on banded water snakes (*Nerodia fasciata*). **Environmental Toxicology & Chemistry**. 21(5): 906-913.
2002. Rowe, C.L., W.A. Hopkins, and J.D. Congdon. Ecolotoxicological implications of aquatic disposal of coal combustion residues in the United States: a review. **Environmental Monitoring and Assessment** 80:207-276.
2002. Penick, D. N., J. D. Congdon, J.R. Spotila, and J.B. Williams. 2002. Microclimates and energetics of free-living box turtles, *Terrapene carolina*, in South Carolina. **Physiological and Biochemical Zoology**, 75:57-65.

2003. Congdon, J.D., R.D. Nagle, O.M. Kinney, R.C. van Loben Sels, T. Quinter, and D.W. Tinkle. Testing Hypotheses of aging in long-lived Painted Turtles (*Chrysemys picta*). **Experimental Gerontology** 38:765-772.
2003. Nagle, R.D., M.V. Plummer, Congdon, J.D., and R.U. Fischer. Egg components and mass dynamics during embryonic development in softshell turtles, **Herpetologica** 59:145-154.
2003. Ulsh, B., T.G. Hinton, J.D. Congdon, L.C. Dugan, F.W. Whicker, and J.S. Bedford. Environmental bio-dosimetry: a biologically relevant tool for ecological risk assessment and bio-monitoring. **Journal of Environmental Radioactivity** 66:121-139.
2003. Hopkins, W.A., J.W. Snodgrass, B.P. Staub, B.P. Jackson, and J.D. Congdon. Altered swimming performance of a benthic fish (*Erimyzon sucetta*) exposed to contaminated sediments. **Archives Environmental Contamination and Toxicology** 44:383-389.
2003. Beck, C.W. and J.D. Congdon. Energetics of metamorphic climax in the Southern Toad (*Bufo terrestris*). **Oecologia** 137:344-351.
2003. Gribbens, K. M., D. H. Gist, and J. D. Congdon. 2003. Cytological evaluation of spermatogenesis and organization of the germinal epithelium in the male slider turtle, *Trachemys scripta*. **Journal of Morphology** 255:337-346.
2004. Libants, S., A. Kamarainen, J. D. Congdon, and K.T. Scribner. Polymorphic microsatellites for population analyses of freshwater turtles. **Molecular Ecology Notes**. 4: 300-302.
2004. Staub, B. P., W. A. Hopkins, J. Novak, and J. D. Congdon. 2004. Respiratory and reproductive characteristics of eastern mosquitofish (*Gambusia holbrooki*) inhabiting a coal ash settling basin. **Archives Environmental Contamination and Toxicology**. 46:96-101.
2004. Hinton, T.G., J. S. Bedford, J. D. Congdon, and F. W. Whicker. Effects of radiation on the environment: a need to question old paradigms and enhance collaboration among radiation biologists and radiation ecologists. **Radiation Research** 162:332-338.
2004. Hopkins, W.A., J.H. Roe, T. Philippi, and J.D. Congdon. 2004. Standard and digestive metabolism in the banded water snake, *Nerodia fasciata fasciata*. **Comparative Biochemistry and Physiology (A)** 137:141-149.
2004. Roe, J.H., W.A. Hopkins, J.W. Snodgrass, and J. D. Congdon. 2004. The influence of circadian rhythms on pre- and post-prandial metabolism in the snake *Lamprophis fuliginosus*. **Comparative Biochemistry and Physiology (A)**. 139:159-168.
2004. Orrell, K. S., J. D. Congdon, T. A. Jenssen, R. H. Michener, and T. H. Kuntz. 2004. Intersexual differences in energy expenditure of *Anolis carolinensis* lizards during breeding and postbreeding seasons. **Physiological and Biochemical Zoology**. 77:50-64.
2005. Jenssen, T.A., K.R. DeCourcy, and J.D. Congdon. Assessment in contests of male lizards (*Anolis carolinensis*): how should smaller males respond when size matters? **Animal Behavior**: 69:1325-1336.
2006. Bell, B., J.R. Spotila, and J.D. Congdon. High incidence of deformity in aquatic turtles in the John Heinz National Wildlife Refuge. **Environmental Pollution** 142: 457-465.
2006. Congdon, J.D. and D.A. Keinath. (2006, July 20). Blanding's Turtle (*Emydoidea blandingii*): a technical conservation assessment. [Online]. **USDA Forest Service, Rocky Mountain Region. Available:** <http://www.fs.fed.us/r2/projects/scp/assessments/blandingsturtle.pdf> [date of access].

2007. Gist D.H., J.D. Congdon, R.A. Ness. Estrogen response system in the reproductive tract of the turtle: an immuno-cytochemical study. **General and Comparative Endocrinology**.
- 2007 Gist, D. E., S. Bradshaw, C. M. K. Morrow, J. D. Congdon and R. A. Hess.. Estrogen response system in the reproductive tract of the male turtle: An immunocytochemical study. **General and Comparative Endocrinology** 151(1): 27-33.
- 2008 Congdon, J.D., Graham, T.E., Herman, T.B., Lang, J.W., Pappas, M.J., and Brecke, B.J. 2008. *Emydoidea blandingii* (Holbrook 1838) – Blanding’s turtle. In: Rhodin, A.GJ., Pritchard, P.C.H., van Dijk, P.P. Saumure, R.A Buhlmann, K.A., and Iverson, J.B. (Eds.) Conservation Biology of Freshwater Turtles and Tortoises: A Compilation Project of the IUCN/SSC Tortoise and Freshwater Turtle Specialist Group. Chelonian Research Monographs No. 5, pp. 015.1-015.12, doi:10.3854/crm.5.015.blandingii.v1.2008,http://www.iucn-tftsg.org/cbftt/.
2009. Buhlmann, K.A., J.D. Congdon, J. Whitfield Gibbons, and J.L. Greene. Ecology of chicken turtles (*Deirochelys reticularia*) in a seasonal wetland ecosystem: exploiting resource and refuge environments. *Herpetologica* 65:39-53.
2009. Pappas, M.J., J.D. Congdon, B.J. Brecke, and J.D. Capps. Orientation and dispersal of hatchling Blanding’s turtles (*Emydoidea blandingii*) for experimental nests. 2009. **Canadian Journal of Zoology** 87:755-766.
2011. Congdon, J.D., M.J. Pappas, and B.J. Brecke. Conservation Implications of Initial Orientation of Naïve Hatchling Snapping Turtles (*Chelydra serpentina*) and Painted Turtles (*Chrysemys picta belli*) Dispersing From Experimental Nests, **Chelonian Conservation and Biology** 10:42-53.
2011. McGuire, J.M., J.D. Congdon, K.T. Scribner, and J.D. Capps. Variation in Female Reproductive Quality and Reproductive Success of Male Painted Turtles (*Chrysemys picta marginata*). **Canadian Journal Zoology** 89:1136-1145.
2011. Congdon, J.D., O.M. Kinney, and R.D. Nagle. Spatial Ecology and Core Area Protection of Blanding’s Turtle (*Emydoidea blandingii*). **Canadian Journal Zoology**, 89:1098-1106.
2012. Steen, D.A., Gibbs, J.P., Buhlmann, K.A., Carr, J.L., Compton, B.W., Congdon, J.D., Doody, J.S., Godwin, J.C., Holcomb, K.L., Jackson, D.R., Janzen, F.J., Johnson, G., Jones, M.T., Lamer, J. T., Langen, T.A., Plummer, M.V., Rowe, J.W., Saumure, R.A., Tucker, J.K., and Wilson D.S. Use of Terrestrial Habitat by Nesting Freshwater Turtles. **Biological Conservation** 150: 121-128.
2012. Congdon, J.D., Gibbons, J.W., Brooks, R.J., Rollinson, Njal, and Tsaliagos, R.N. Indeterminate Growth in Long-lived Freshwater Turtles as a Component of Individual Fitness. **Evolutionary Ecology** 26: available on line (page numbers upon publication).
2013. Pappas, M.J., Congdon, J.D., Brecke, B.J., and Freedberg, S. Orientation of Hatchling Blanding’s (*Emydoidea blandingii*) and Snapping Turtles (*Chelydra serpentina*) Dispersing from Experimental Nests in Agricultural Fields. **Herpetological Conservation and Biology**, in press.

PUBLICATIONS (SUBMITTED PAPERS)

McGuire, J.M, K.T. Scribner, and J.D. Congdon. Individual movements, mating patterns, and nest distributions influence gene flow among population subunits of Blanding turtles (*Emydoidea blandingii*).

PUBLICATIONS (IN PREPARATION)

McGuire, J.M, J.D. Congdon, and K.T. Scribner. Female reproductive qualities affect male Painted turtle (*Chrysemys picta marginata*) reproductive success.

Buhlmann, K.A., J.D. Congdon, J.L. Greene, and J.W. Gibbons. Life-history of the short-lived Chicken Turtles (*Deirochelys reticularia*), with comparisons to longer-lived Eastern Mud Turtles, *Kinosternon subrubrum* and Blanding's turtle, *Emydoidea blandingii*.

Congdon, J.D. The influence of growth on life-histories of Painted Turtles (*Chrysemys picta*), Blanding's turtle (*Emydoidea blandingii*), and Snapping Turtles (*Chelydra serpentina*).

Congdon, J.D., Nagle, R.D., Kinney, O.M., Quinter, T., McGuire, J.M., and K.T. Scribner. The influence of growth on life-histories of Painted Turtles (*Chrysemys picta*), Blanding's turtle (*Emydoidea blandingii*), and Snapping Turtles (*Chelydra serpentina*).

PUBLICATIONS (BOOK CHAPTERS)

1976. Congdon, J.D. Effects of habitat quality on the distribution of three sympatric species of desert rodents. p.358. In: *Selected Reading in Mammalogy*. J.K. Knox, S. Anderson, and R.S. Hoffman (eds.). Univ. Kansas Press, Lawrence, KS.

1982. Congdon, J.D., A.E. Dunham and D.W. Tinkle. Energy budgets and life histories of reptiles. p. 233-271. In: *Biology of the Reptilia*. Vol. 13. C. Gans and H. Pough (eds.). Academic Press, London.

1990. Congdon, J.D. and J.W. Gibbons. Turtle eggs: their ecology and evolution. p. 109-123. In: *Life History and Ecology of the Slider Turtle*. J.W. Gibbons (ed.), Smithsonian Institution Press, Washington, D.C.

1990. Congdon, J.D. and J.W. Gibbons. The evolution of turtle life histories. p. 45-54. In: *Life History and Ecology of the Slider Turtle*. J.W. Gibbons (ed.), Smithsonian Institution Press, Washington, D.C.

1990. Gibbons, J.W., J.L. Greene and J.D. Congdon. Temporal and spatial movement patterns of sliders and other turtles. p. 201-215. In: *Life History and Ecology of the Slider Turtle*. J.W. Gibbons (ed.), Smithsonian Institution Press, Washington, D.C.

1993. Congdon, J.D. and A.E. Dunham. Contribution of long-term life history studies to conservation biology. p. 181-182. In: *Principles of Conservation Biology*. G. Meffe and R. Carroll (eds.). Sinauer Associates. New York.

1995. Congdon, J.D., A.E. Dunham, and R.C. van Loben Sels. Delayed sexual maturity and demographics of Blanding's turtles: implications for conservation and management of

- long-lived organisms. p. 104-111. In: *Readings from Conservation Biology: Genes, Populations and Species*. D. Ehrenfeld (ed.).
1995. Congdon, J.D., A.E. Dunham, and R.C. van Loben Sels. Delayed sexual maturity and demographics of Blanding's turtles: implications for conservation and management of long-lived organisms. p. 187-194. In: *Readings from Conservation Biology: To Preserve Biodiversity - An Overview*. D. Ehrenfeld (ed.).
1996. Congdon, J.D. and J.W. Gibbons. Structure and dynamics of a turtle community over two decades. pp. 137-159. In: *Long-Term Studies of Vertebrate Communities*. Eds. Martin C. Cody and Jeffrey Smallwood. Academic Press, Inc.
1999. Congdon, J.D., and Dunham, A.E. Defining the beginning: the importance of research design. In: *Research and Management Techniques for the Conservation of Sea Turtles*. K. L. Eckert, K. A. Bjorndal, F. A. Abreu-Grobois, M. Donnelly (Editors). IUCN/SSC Marine Turtle Specialist Group Publication No. 4, 1999
2002. Life history and demographic aspects of aging in a long-lived turtle (*Emydoidea blandingii*). Congdon, J. D., R. D. Nagle, M. O. Osentoski, O. M. Kinney, and R. C. van Loben Sels. In C. E. Finch, J-M Robine, and Y Christen (Eds.). *The Brain and Longevity*, Springer Verlag, Paris, 15-31.
2008. Congdon, J. D., Graham, T. E., Herman, T. B., Lang, J. W., Pappas, M.J., and Brecke, B.J. 2008. *Emydoidea blandingii* (Holbrook 1838) – Blanding's turtle. In: Rhodin, A.G.J., Pritchard, P.C.H., van Dijk, P.P., Saumure, R.A., Buhlmann, K.A., and Iverson, J.B. (Eds.). *Conservation Biology of Freshwater Turtles and Tortoises: A Compilation Project of the IUCN/SSC Tortoise and Freshwater Turtle Specialist Group*. Chelonian Research Monographs No. 5, pp. 015.1-015.12, doi:10.3854/crm.5.015.blandingii.v1.2008, <http://www.iucn-tftsg.org/cbftt/>.
2008. Congdon, J.D., Greene, J. L. and Brooks, R.J. 2008. Reproductive and nesting ecology of female snapping turtles. In: *Biology of the Snapping Turtle (Chelydra serpentina)*. A. C. Steyermark, Finkler, M. S., and Brooks, R. J. (Eds.). Johns Hopkins University Press, Baltimore. pp. 123-134.

REFERENCES

Dr. J. Whitfield Gibbons
Savannah River Ecology
Laboratory
Drawer E
Aiken, SC 29802
(803) 725-2472

Dr. Arthur Dunham
Biology Department
University of Pennsylvania
Philadelphia, PA 19104
(215) 898-4117

Dr. Laurie Vitt
Oklahoma Museum of
Natural History
University of Oklahoma
Norman, OK 73019
(405) 325-5002

INFORMATIONS PERSONNELLES – PERSONAL DATA

Gabriel Blouin-Demers, PhD
Département de Biologie - Department of Biology
Université d'Ottawa - University of Ottawa
30 Marie-Curie
Ottawa (Ontario) K1N 6N5

T: (613) 562-5800 6749
F: (613) 562-5486
C: (819) 329-4080
gblouin@uottawa.ca
www.science.uottawa.ca/gblouin

Citoyenneté - Citizenship: Canada
Né - Born: 16/08/1974, Québec, Canada
Statut - Status: Marié, deux enfants - Married, two children
Langues - Languages: Français, English, Español

TITRES UNIVERSITAIRES – ACADEMIC TITLES

- 1996 – 2001 PhD Biology – Carleton University. Thesis: Thermoregulation and habitat use by black rat snakes (*Elaphe obsoleta obsoleta*) at the northern extreme of their distribution. Supervisor: PJ Weatherhead
- 1993 – 1996 BSc Environmental Biology – McGill University. Thesis: Evaluation of a community-oriented wildlife management marsh. Supervisor: JR Bider

EXPÉRIENCE PROFESSIONNELLE – PROFESSIONAL EXPERIENCE

- 2011 – ... Full Professor, Department of Biology, University of Ottawa
- 2006 – 2011 Associate Professor, Department of Biology, University of Ottawa
- 2002 – 2006 Assistant Professor, Department of Biology, University of Ottawa
- 2002 – ... Member, Faculty of Graduate and Postdoctoral Studies, University of Ottawa
- 2004 – 2008 Special Member, Faculty of Graduate Studies, University of Guelph
- 2004 – ... Research Associate, Arizona-Sonora Desert Museum
- 2001 – 2002 Postdoctoral Fellow, Department of EEOB, The Ohio State University
- 2000 – 2001 Sessional Lecturer, Department of Biology, Carleton University

DISTINCTIONS - AWARDS

- 2012 Nominé de la Faculté des Sciences pour le prix d'excellence en enseignement de l'Université d'Ottawa - Faculty of Science nominee for the University of Ottawa Award for Excellence in Teaching
- 2010 Prix d'excellence en éducation de l'Université d'Ottawa - University of Ottawa Prize for Excellence in Education (\$10,000)
- 2008 Prix de la Faculté des Sciences pour l'excellence en enseignement - Faculty of Science Award for Excellence in Teaching (\$1000)
- 2002 – 2003 Natural Sciences and Engineering Research Council of Canada, Postdoctoral Fellowship (\$70,000)
- 2001 – 2002 The Ohio State University, University Postdoctoral Fellowship (\$US24,000)
- 1998 – 2000 Natural Sciences and Engineering Research Council of Canada, Postgraduate Scholarship B (\$39,000)
- 1998 Fonds pour la Formation de Chercheurs et l'Aide à la Recherche, Postgraduate Scholarship B2 (\$35,000 declined)
- 1996 – 1998 Natural Sciences and Engineering Research Council of Canada, Postgraduate Scholarship A (\$39,000)
- 1996 – 2001 Carleton Scholarship, Carleton University (\$30,000)
- 1996 Fonds pour la Formation de Chercheurs et l'Aide à la Recherche, Postgraduate Scholarship B1 (\$35,000 declined)
- 1995 Stewart Brown Scholarship, McGill University (\$1,500)
- 1994 McConnell Award, McGill University (\$1,500)
- 1993 – 1996 Dean's Honour List, McGill University (\$3,000)
- 1993 – 1996 Eliza M. Jones Scholarship, McGill University (\$5,000)

SERVICE UNIVERSITAIRE - ACADEMIC SERVICE

- 2012 – ... Associate Editor for Amphibia-Reptilia
- 2011 – ... Elected member of the Faculty of Science Teaching Personnel Committee
- 2011 Chair, hiring committee for 2 regular faculty positions, Department of Biology, University of Ottawa
- 2009 – ... Director, Environmental Science program, Faculty of Science, University of Ottawa
- 2009 – ... Elected member of the Amphibians and Reptiles subcommittee of the Committee on the Status of Endangered Wildlife in Canada (COSEWIC)

- 2008 Member, hiring committee for 2 regular faculty positions, Department of Biology, University of Ottawa
- 2008 – 2010 Faculty of Science representative on the University Animal Care Committee and member of the ACC Protocol Review Committee
- 2008 – 2010 Évaluateur pour les concours de bourses B1/B2 du comité 02C (Biologie Animale et Médecine vétérinaire) du Fonds Québécois de la Recherche sur la Nature et les Technologies
- 2006 – 2009 Assistant Director, Environmental Science program, Faculty of Science, University of Ottawa
- 2006 – 2008 Member of the Committee on Academic Standing, Faculty of Science, University of Ottawa
- 2005 – 2008 Member, Animal Care and Veterinary Services Advisory Committee, University of Ottawa
- 2005 – ... Associate Editor for *Écoscience* - Rédacteur adjoint pour *Écoscience*
- 2005 Member, hiring committee for 4 regular faculty positions, Department of Biology, University of Ottawa
- 2004 – 2010 Chair, University of Ottawa Day Committee, Department of Biology, University of Ottawa
- 2003 – 2005 Member, Graduate Studies Committee, Department of Biology, University of Ottawa
- 2003 – ... Member, Faculty of Science Council, University of Ottawa
- 2003 – 2008 Member, Committee for the Administration of NSERC Funds for the Indirect Costs of Research, Department of Biology, University of Ottawa
- 2002 – 2005 Executive Member, Snake and Lizard Advisory Group, Ontario Ministry of Natural Resources
- 1999 – 2005 Secretary, Black Ratsnake Recovery Team, COSEWIC

1999 – ... Referee for peer-reviewed journals: American Midland Naturalist, American Naturalist, Behavioral Ecology and Sociobiology, Biological Conservation, Biological Journal of the Linnean Society, Biology Letters, Canadian Field-Naturalist, Canadian Journal of Zoology, Conservation Biology, Conservation Ecology, Copeia, Ecography, Ecology, Écoscience, Ethology, Evolutionary Ecology, Herpetologica, Herpetological Review, Integrative and Comparative Biology, Journal of Applied Ecology, Journal of Animal Ecology, Journal of Avian Biology, Journal of Evolutionary Biology, Journal of Experimental Biology, Journal of Herpetology, Journal of Tropical Ecology, Landscape Ecology, Molecular Ecology, Oecologia, Oikos, Physiological and Biochemical Zoology, Southwestern Naturalist

Referee for funding agencies: NSERC, NSF

External thesis examiner: Brock University (MSc 2007), Carleton University (MSc 2005), Carleton University (PhD 2008), University of Otago (PhD 2009), University of Sydney (PhD 2010), Université Laval (PhD 2010), Nelson Mandela National University (PhD 2010)

Graduate program review: Laurentian University (MSc 2010)

Tenure & promotion evaluation: Université du Québec à Montréal (promotion 2011), Ohio University (promotion 2011)

ÉTUDIANTS EN SPÉCIALISATION ET DIPLÔMÉS - HONOURS AND GRADUATE STUDENTS

- 2012 – ... Halliday W. BSc (Lakehead), MSc (Lakehead). PhD working title: fitness consequences of habitat selection.
- 2012 – ... Slevan-Tremblay. BSc (Ottawa). BSc working title: Parasitism and mercury load in turtles.
- 2011 – 2012 Lacroix M. BSc (Ottawa). BSc: Do Blanding's turtles in poor quality habitats experience reduced immunocompetence and increased parasitaemia?
- 2011 – 2012 Proulx C. BSc (Ottawa). BSc: Are roads a barrier to movement in Blanding's turtles (*Emydoidea blandingii*)?
- 2011 – ... Cairns N. BSc (Brandon). MSc working title: Population effects of fisheries bycatch on freshwater turtles. (co-supervised by S Cooke, Carleton). Scholarship holder.
- 2011 – ... Stoot L. BSc (Lakehead). MSc working title: Individual effects of fisheries bycatch on freshwater turtles. (co-supervised by S Cooke, Carleton).
- 2011 – ... Châteauvert J. BSc (McGill). MSc working title: Mercury accumulation in freshwater turtles.

- 2010 – 2011 Hanna D. BSc (Ottawa). BSc: Singing higher to be heard: the effect of anthropogenic noise on red-winged blackbird song. Scholarship holder.
- 2010 – 2012 Thomasson V. BSc (McGill). MSc: Habitat suitability modelling for the eastern hog-nosed snake, *Heterodon platirhinos*, in Ontario.
- 2010 – 2012 Fortin G. BSc (Laval). MSc: Can landscape composition predict movement patterns and site occupancy by Blanding's turtles? A multiple scale study in Québec, Canada. Scholarship holder.
- 2010 – 2012 El Balaa R. BSc (Ottawa). MSc: Effect of predator diet on predator-induced changes in life history and performance of anuran larvae. Scholarship holder.
- 2010 – 2012 Banger N. BSc (Queen's). MSc: Consequences of multiple paternity for female fitness in an Ontario population of northern map turtles, *Graptemys geographica*. (co-supervised by S Loughheed, Queen's). Scholarship holder.
- 2009 – 2011 Larocque S. BSc (Guelph). MSc: Occurrence and mitigation of freshwater turtle bycatch and mortality associated with inland commercial hoop net fisheries. (co-supervised by S Cooke, Carleton). Scholarship holder.
- 2009 – 2011 Robson L. BSc (Western). MSc: The spatial ecology of eastern hognose snakes (*Heterodon platirhinos*): habitat selection, home range size, and the effects of roads on movement patterns.
- 2009 – 2010 Peet-Paré C. BSc (Ottawa). BSc: Nest-site selection in eastern hognose snakes (*Heterodon platirhinos*). Scholarship holder.
- 2009 – 2010 Reilly S. BSc (Ottawa). BSc: Painted turtles (*Chrysemys picta*) may not flee earlier when chronically stressed.
- 2009 – 2010 Graham J. BSc (Ottawa). BSc: Thermal ecology of Blanding's Turtles (*Emydoidea blandingii*) on Grenadier Island: the influence of thermal quality of the environment on habitat selection.
- 2009 – 2010 Campeau-Devlin J. BSc (Ottawa). BSc: Le comportement d'alimentation des chauves-souris n'est pas sensible au risque de prédation.
- 2009 – 2010 Ceillier I. BSc (Ottawa). BSc: Is emergence after hibernation of the black ratsnake (*Elaphe obsoleta*) triggered by a thermal gradient reversal?.
- 2008 – 2009 El Balaa R. BSc (Ottawa). BSc: Anti-predatory behaviour of wild vs. captive freshwater angelfish, *Pterophyllum scalare*. Scholarship holder.
- 2008 – 2009 Reshke N. BSc (Ottawa). BSc: Factors affecting leech parasitism on four turtle species in St. Lawrence Islands National Park.
- 2008 – 2009 Marcil Ferland D. BSc (Ottawa). BSc: Geometric morphometrics offer insight on the intersexual differences in allometric coefficients of bite force in the northern map turtle (*Graptemys geographica*).
- 2008 – ... Juneau V. BSc (Ottawa). PhD working title: Effect of stress on condition and parasitism in painted turtles. Scholarship holder.

- 2008 – 2010 Millar C. BSc (Ottawa). MSc: Spatial ecology and movement patterns of Blanding's turtles in St. Lawrence Islands National Park. Scholarship holder.
- 2007 – 2008 Picard G. BSc (Ottawa). BSc: Does thermal quality of the environment affect habitat selection by musk turtles (*Sternotherus odoratus*)?
- 2007 – 2011 Row JR. BSc (Queen's). MSc (Ottawa). PhD: Origins of genetic variation and population structure of foxsnakes across spatial and temporal scales. (co-supervised by S Loughheed, Queen's). Scholarship holder.
- 2006 – 2010 Lelièvre H. Master et DÉs (Paris 6). PhD: Stratégies de thermorégulation chez deux colubridés sympatriques: la couleuvre verte et jaune *Hierophis viridiflavus* et la couleuvre d'esculape *Zamenis longissimus*; une approche intégrée de la physiologie à la démographie. (co-dirigé par O Lourdaï, CNRS CÉBC).
- 2006 – 2009 Plummer A. BSc (Queen's). MSc: Thermal preference and the effects of food availability on components of fitness in the bearded dragon, *Pogona vitticeps*.
- 2006 – 2007 Elgee KE. BSc (Ottawa). BSc: Sexual size dimorphism in garter snakes (*Thamnophis sirtalis*), water snakes (*Nerodia sipedon*), and black ratsnakes (*Elaphe obsoleta*).
- 2006 – 2007 Patterson LD. BSc (Ottawa). BSc: The effect of constant vs. fluctuating incubation temperatures on the phenotype and fitness of black rat snake (*Elaphe obsoleta*) hatchlings. Scholarship holder.
- 2005 – 2006 Verly C. BSc (Ottawa). BSc: Does multiple paternity increase with female body size in the common map turtle (*Graptemys geographica*)?
- 2005 – 2006 Ben-Ezra E. BSc (Ottawa). BSc: A test of the thermal coadaptation hypothesis in the common map turtle (*Graptemys geographica*). Scholarship holder.
- 2005 – 2006 Gravel MA. BSc (Ottawa). BSc: Sexual size dimorphism and diet specialization in the common map turtle (*Graptemys geographica*).
- 2005 – 2008 Belleau P. BSc (Sherbrooke). MSc: Habitat selection, movement patterns, and demography of common musk turtles (*Sternotherus odoratus*) in southwestern Québec. (co-supervised by R Titman, McGill).
- 2005 – 2007 Carrière MA. BSc (Guelph). MSc: Movement patterns and habitat selection of common map turtles (*Graptemys geographica*) in St. Lawrence Islands National Park, Ontario, Canada.
- 2004 – 2009 Bulté G. BSc (UQTR). PhD: Sexual dimorphism in northern map turtles (*Graptemys geographica*): Ecological causes and consequences. Scholarship holder.
- 2003 – 2005 Bjorgan L. BSc (McMaster). MSc: Habitat use and movements of juvenile black ratsnakes (*Elaphe obsoleta*) and their conservation implications.
- 2003 – 2005 Row JR. BSc (Queen's). MSc: Thermal quality influences thermoregulation, behaviour, and habitat selection at multiple spatial scales in eastern milkshakes (*Lampropeltis triangulum*).
- 2003 – 2005 Edwards A. BSc (McGill). MSc: Using painted turtles (*Chrysemys picta*) to test the cost-benefit model of thermoregulation.

2003 – 2004 Nadeau P. BSc (Ottawa). BSc: The cost-benefit model of thermoregulation does not predict the thermoregulatory behaviour of lizards.

COURS SUPÉRIEURS - GRADUATE COURSES

Recent Advances in Biology
Advanced Field Behavioural Ecology

COURS DE BACCALAURÉAT - UNDERGRADUATE COURSES

Ecology of Amphibians and Reptiles
Applied Wildlife Ecology
Introduction to Tropical Ecosystems
Animaux: formes et fonctions
Biologie de la conservation des espèces
Comportement animal
Animal Behaviour
EVS seminar
University of Ottawa Coordinator, Ontario Universities Program in Field Biology

SUBVENTIONS DE RECHERCHE - RESEARCH GRANTS

2012	6 500 \$	Canadian Wildlife Federation: Sub-lethal consequences of freshwater turtle interactions with commercial fishing gear. Co-PI: S Cooke (Carleton)
2011 – 2013	65,000 \$	Parks Canada Species at Risk: Fate of mercury in the Rideau Canal and its uptake by turtles. Co-PIs: L Campbell (Queen's) and G Bulté (Carleton)
2011 – 2013	50,000 \$	Ontario Ministry of Natural Resources Species at Risk: Reducing bycatch of at risk turtles in freshwater commercial fisheries. Co-PI: S Cooke (Carleton)
2011	23,000 \$	Canadian Wildlife Federation: Reducing bycatch of at risk turtles in freshwater commercial fisheries. Co-PI: S Cooke (Carleton)
2010	2000 \$	Community Fisheries and Wildlife Involvement Program: Construction of basking traps for monitoring threatened turtles in Lake Opinicon.
2010	29,500 \$	NSERC Research Tools and Instruments: Field vehicle
2010	16,000 \$	Canadian Wildlife Federation: Habitat selection in hognose snakes.

2010	14,000 \$	Canadian Wildlife Federation: Reducing bycatch of at risk turtles in freshwater commercial fisheries. Co-PI: S Cooke (Carleton)
2009	21,200 \$	Habitat Stewardship Program: A model approach to habitat restoration and protection: Essex County & Chatham-Kent foxsnakes. Co-PIs: S Lougheed & J Row (Queen's)
2009	2700 \$	Community Fisheries and Wildlife Involvement Program: Construction of basking traps for monitoring threatened turtles in Lake Opinicon.
2009	30,000 \$	WWF Species at Risk Research Fund for Ontario: Evaluation of at risk turtle bycatch associated with inland commercial fisheries in eastern Ontario. Co-PI: S Cooke (Carleton)
2009	26,000 \$	WWF Species at Risk Research Fund for Ontario: Habitat suitability, critical habitat, and demography of eastern Hog-nosed Snakes (<i>Heterodon platirhinos</i>) in Ontario.
2009 – 2012	65,000 \$	Parks Canada Species at Risk: Habitat suitability, critical habitat, and demography of eastern Hog-nosed Snakes (<i>Heterodon platirhinos</i>) in Ontario.
2008 – 2012	147,750 \$	NSERC Discovery Grant: Behavioural and physiological ecology of reptiles.
2007 – 2009	195,000 €	Agence Nationale de la Recherche (France): Impact of climate change on terrestrial ectotherms. Co-PI: O Lourdais (CNRS)
2006 – 2008	284,400 \$	NSERC Major Facilities Access Grant: Queen's University Biological Station. PI: B Tuft (Queen's)
2006 – 2007	12,000 \$	Ontario Ministry of Natural Resources Species at Risk: Movement patterns and habitat use in stinkpot and map turtles.
2005	17,000 \$	Habitat Stewardship Program: Cottage lot securement for the protection of a black ratsnake hibernaculum.
2005 – 2006	36,000 \$	WWF Endangered Species Recovery Fund: Repatriation of massasaugas in the Ojibway Prairie Provincial Nature Reserve. (declined)
2005	1,600 \$	Canadian Wildlife Federation: Quantification of predation on zebra mussels by map turtles with stable isotopes.
2004	350,383 \$	Canada Foundation for Innovation / Ontario Innovation Trust: Thermal ecology field and laboratory facility.
2004 – 2005	41,000 \$	Interdepartmental Recovery Fund: Eastern ratsnake demographic modelling and critical habitat identification.
2004 – 2007	181,000 \$	Parks Canada Species at Risk: Stinkpot and map turtle critical habitat identification.
2003 – 2005	242,100 \$	NSERC Major Facilities Access Grant: Queen's University Biological Station. PI: R Robertson (Queen's)

2003 – 2007	125,000 \$	NSERC Discovery Grant: Thermal ecology of reptiles.
2003 – 2007	14,300 \$	Community Fisheries and Wildlife Involvement Program: Construction of perimeter fences around communal hibernacula for population monitoring of the threatened black ratsnake.
2002	80,000 \$	University of Ottawa: Start-up Funds
2002 – 2003	32,000 \$	WWF Endangered Species Recovery Fund: Artificial nests designed to enhance nesting success of black rat snakes. Co-PI: P Weatherhead (Illinois)
2001 – 2007	62,500 \$	Parks Canada Species at Risk: Long-term monitoring of black rat snakes.
2001 – 2005	29,500 \$	Ontario Ministry of Natural Resources Species at Risk: Long-term monitoring of black rat snakes.
1998	5,000 \$	Canadian Wildlife Federation: Movement patterns and habitat use in black rat snakes.

ARTICLES - PUBLICATIONS

1. Colotelo AH, Raby GD, Hasler CT, Haxton TJ, Smokorowski KE, **Blouin-Demers G** & Cooke SJ. 2013. Northern pike bycatch in an inland commercial hoop net fishery: effects of water temperature and net tending frequency on injury, physiology, and survival. Fisheries Research, in press.
2. Robson LE & **Blouin-Demers G**. 2013. Does the eastern hognose snake (*Heterodon platirhinos*) avoid crossing roads? Copeia, in press.
3. Bulté G, Germain RR, O'Connor CM & **Blouin-Demers G**. 2013. Sexual dichromatism in the northern map turtle. Chelonian Conservation and Biology, in press.
4. LeDain MRK, Larocque SM, Stoot L, Cairns N, **Blouin-Demers G** & Cooke SJ. 2013. An assessment of strategies for facilitating recovery of freshwater turtles exhausted from submergence in fishing nets using blood physiology and reflex impairment. Chelonian Conservation and Biology, in press.
5. Fortin G, **Blouin-Demers G** & Dubois Y. 2012. Landscape composition weakly affects home range size in Blanding's turtles (*Emydoidea blandingii*). Écoscience, in press.
6. Lelièvre H, Moreau C, **Blouin-Demers G**, Bonnet X & Lourdais O. 2012. Two syntopic colubrid snakes differ in their energetic requirements and in their use of space. Herpetologica 68: 358-364.
7. Peet-Paré, CA & **Blouin-Demers G**. 2012. Female eastern hog-nosed snakes (*Heterodon platirhinos*) choose nest sites that produce offspring with phenotypes likely to improve fitness. Canadian Journal of Zoology 90: 1215-1220.
8. Millar CS, Graham JP & **Blouin-Demers G**. 2012. The effects of sex and season on patterns of thermoregulation in Blanding's turtles (*Emydoidea blandingii*) in Ontario, Canada. Chelonian Conservation and Biology 11: 24-32.
9. Lelièvre H, Legagneux P, **Blouin-Demers G**, Bonnet X & Lourdais O. 2012. Trophic niche overlap in two syntopic colubrid snakes (*Hierophis viridiflavus* and *Zamenis longissimus*) with contrasted lifestyles. Amphibia-Reptilia 33: 37-44.

10. Larocque SM, Cooke SJ & **Blouin-Demers G**. 2012. Mitigating bycatch of freshwater turtles in passively-fished fyke nets through the use of exclusion and escape modifications. Fisheries Research 125-126: 149-155.
11. Larocque SM, Watson P, Cooke SJ & **Blouin-Demers G**. 2012. Accidental bait: do deceased fish increase freshwater turtle bycatch in commercial fyke nets? Environmental Management 50: 31-38.
12. Weatherhead PJ, **Blouin-Demers G** & Sperry JH. 2012. Mortality patterns and the cost of reproduction in a northern population of ratsnakes, *Elaphe obsoleta*. Journal of Herpetology 46: 100-103.
13. Row JR, **Blouin-Demers G** & Loughheed SC. 2012. Movements and habitat use of eastern foxsnakes (*Pantherophis gloydi*) in two areas varying in size and fragmentation. Journal of Herpetology 46: 94-99.
14. Weatherhead PJ, Sperry JH, Carfagno GLF & **Blouin-Demers G**. 2012. Latitudinal variation in thermal ecology of North American ratsnakes and its implications for the effect of climate warming on snakes. Journal of Thermal Biology 37: 273-281.
15. Larocque SM, Cooke SJ & **Blouin-Demers G**. 2012. A breath of fresh air: avoiding anoxia and mortality of freshwater turtles in fyke nets by the use of floats. Aquatic Conservation: Marine and Freshwater Ecosystems 22: 198-205.
16. Millar CS & **Blouin-Demers G**. 2012. Habitat suitability modelling for species at risk is sensitive to algorithm and scale: a case study of Blanding's turtle, *Emydoidea blandingii*, in Ontario, Canada. Journal for Nature Conservation 20: 18-29.
17. Larocque SM, Colotelo AH, Cooke SJ, **Blouin-Demers G**, Haxton T & Smokorowski KE. 2012. Seasonal patterns in bycatch composition and mortality associated with a freshwater hoop net fishery. Animal Conservation, 15: 53-60.
18. Hanna D, **Blouin-Demers G**, Wilson DR & Mennill DJ. 2011. Anthropogenic noise affects song structure in red-winged blackbirds (*Agelaius phoeniceus*). Journal of Experimental Biology 214: 3549-3556.
19. Elgee K & **Blouin-Demers G**. 2011. Eastern garter snakes (*Thamnophis sirtalis*) with proportionally larger heads are in better condition. Amphibia-Reptilia 32: 424-427.
20. El Balaa R & **Blouin-Demers G**. 2011. Unpalatability of northern leopard frog *Lithobates pipiens* Schreber, 1782 tadpoles. Herpetology Notes 4: 159.
21. El Balaa R & **Blouin-Demers G**. 2011. Anti-predatory behaviour of wild-caught vs. captive-bred freshwater angelfish, *Pterophyllum scalare*. Journal of Applied Ichthyology 27: 1052-1056.
22. Lelièvre H, **Blouin-Demers G**, Pinaud D, Lisse H, Bonnet X & Lourdais O. 2011. Contrasted thermal preferences translated into divergences in habitat use and realized performance in two sympatric snakes. Journal of Zoology 284: 265-275.
23. Millar CS & **Blouin-Demers G**. 2011. Spatial ecology and seasonal activity of Blanding's turtles (*Emydoidea blandingii*) in Ontario, Canada. Journal of Herpetology 45: 370-378.
24. Raby GD, Colotelo AH, **Blouin-Demers G** & Cooke SJ. 2011. Freshwater commercial bycatch: an understated conservation problem. BioScience 61: 271-280.
25. Picard G, Carrière MA & **Blouin-Demers G**. 2011. Common musk turtles (*Sternotherus odoratus*) select habitats of high thermal quality at the northern extreme of their range. Amphibia-Reptilia 32: 83-92.

26. Row JR, **Blouin-Demers G** & Loughheed SC. 2010. Habitat distribution influences dispersal and fine-scale genetic population structure of eastern foxsnakes (*Mintonius gloydi*) across a fragmented landscape. Molecular Ecology 19: 5157-5171.
27. Bulté G & **Blouin-Demers G**. 2010. Estimating the energetic significance of basking behaviour in a temperate-zone turtle. Ecoscience 17: 1-17.
28. Lelièvre H, **Blouin-Demers G**, Bonnet X & Lourdais O. 2010. Thermal benefits of artificial shelters in snakes: a radiotelemetric study of two sympatric colubrids. Journal of Thermal Biology 35: 324-331.
29. Carrière MA & **Blouin-Demers G**. 2010. Habitat selection at multiple spatial scales in northern map turtles (*Graptemys geographica*). Canadian Journal of Zoology 88: 846-854.
30. Sperry JH, **Blouin-Demers G**, Carfagno GLF & Weatherhead PJ. 2010. Latitudinal variation in seasonal activity and mortality in ratsnakes (*Elaphe obsoleta*). Ecology 91: 1860-1866.
31. Lelièvre H, Le Hénanff M, **Blouin-Demers G**, Naulleau G & Lourdais O. 2010. Thermal strategies and energetics in two sympatric colubrid snakes with contrasted exposure. Journal of Comparative Physiology B 180: 415-425.
32. Bulté G & **Blouin-Demers G**. 2010. Implications of extreme sexual size dimorphism for thermoregulation in a freshwater turtle. Oecologia 162: 313-322.
33. Bulté G, Carrière MA & **Blouin-Demers G**. 2010. Impact of recreational power boating on two populations of northern map turtles (*Graptemys geographica*). Aquatic Conservation: Marine and Freshwater Ecosystems 20: 31-38.
34. Carrière MA, Bulté G & **Blouin-Demers G**. 2009. Spatial ecology of northern map turtles (*Graptemys geographica*) in a lotic and a lentic habitat. Journal of Herpetology 43: 597-604.
35. Bulté G & **Blouin-Demers G**. 2009. Does sexual bimaturation affect the cost of growth and the operational sex ratio in an extremely size dimorphic reptile? Ecoscience 16: 175-182.
36. Dubois Y, **Blouin-Demers G**, Shipley B & Thomas DW. 2009. Thermoregulation and habitat selection in wood turtles (*Glyptemys insculpta*): chasing the sun slowly. Journal of Animal Ecology 78: 1023-1032.
37. Bulté G, Plummer AC, Thibaudeau A & **Blouin-Demers G**. 2009. Infection of Yarrow's spiny lizards (*Sceloporus jarrovi*) by chigger mites and malaria in the Chiricahua Mountains of Arizona. Southwestern Naturalist 54: 204-207.
38. Bulté G, Gravel MA & **Blouin-Demers G**. 2008. Sexual dimorphism and intersexual niche divergence in northern map turtles (*Graptemys geographica*): the roles of diet and habitat use. Canadian Journal of Zoology 86: 1235-1243.
39. Bulté G & **Blouin-Demers G**. 2008. Northern map turtles (*Graptemys geographica*) derive energy from the pelagic pathway through predation on zebra mussels (*Dreissena polymorpha*). Freshwater Biology 53: 497-508.
40. Ben-Ezra E, Bulté G & **Blouin-Demers G**. 2008. Are locomotor performances co-adapted to preferred basking temperature in the northern map turtle (*Graptemys geographica*)? Journal of Herpetology 42: 322-331.
41. Dubois Y, **Blouin-Demers G** & Thomas DW. 2008. Temperature selection in wood turtles (*Glyptemys insculpta*) and its implications for energetics. Ecoscience 15: 398-406.

42. **Blouin-Demers G** & Weatherhead PJ. 2008. Habitat use is linked to components of fitness through the temperature-dependence of performance in ratsnakes (*Elaphe obsoleta*). Israel Journal of Ecology & Evolution 54: 361-372.
43. Bulté G, Irschick DJ & **Blouin-Demers G**. 2008. The reproductive role hypothesis explains trophic morphology dimorphism in the northern map turtle. Functional Ecology 22: 824-830.
44. Patterson LD & **Blouin-Demers G**. 2008. The effect of constant and fluctuating incubation temperatures on the phenotype of black ratsnakes (*Elaphe obsoleta*). Canadian Journal of Zoology 86: 882-889.
45. Row JR, **Blouin-Demers G** & Weatherhead PJ. 2007. Demographic effects of road mortality in black ratsnakes (*Elaphe obsoleta*). Biological Conservation 137: 117-124.
46. Edwards AL & **Blouin-Demers G**. 2007. Thermoregulation as a function of thermal quality in a northern population of painted turtles, *Chrysemys picta*. Canadian Journal of Zoology 85: 526-535.
47. **Blouin-Demers G** & Weatherhead PJ. 2007. Allocation of offspring size and sex by female black ratsnakes. Oikos 116: 1759-1767.
48. **Blouin-Demers G**, Bjorgan LP & Weatherhead PJ. 2007. Changes in habitat use and movement patterns with body size in black ratsnakes (*Elaphe obsoleta*). Herpetologica 63: 421-429.
49. Row JR & **Blouin-Demers G**. 2006. Thermal quality influences effectiveness of thermoregulation, habitat use, and behaviour in milk snakes. Oecologia 148: 1-11.
50. Row JR & **Blouin-Demers G**. 2006. An effective and durable funnel trap for sampling terrestrial herpetofauna. Herpetological Review 37: 183-185.
51. Bulté G & **Blouin-Demers G**. 2006. Cautionary notes on the descriptive analysis of performance curves in reptiles. Journal of Thermal Biology 31: 287-291.
52. **Blouin-Demers G**. 2006. Vive la différence: behavioural ecology French style. Review of *Écologie Comportementale* by Danchin, Giraldeau & Cézilly. Ethology 112: 308-309.
53. Row JR & **Blouin-Demers G**. 2006. Thermal quality influences habitat selection at multiple spatial scales in milksnakes. Ecoscience 13: 443-450.
54. Row JR & **Blouin-Demers G**. 2006. Kernels are not accurate estimators of home-range size for herpetofauna. Copeia 2006: 797-802.
55. Bulté G, Verly C & **Blouin-Demers G**. 2006. An improved blood sampling technique for hatchling emydid turtles. Herpetological Review 37: 318-319.
56. Quirt KC, **Blouin-Demers G**, Howes BJ & Loughheed SC. 2006. Microhabitat selection of five-line skinks in northern peripheral populations. Journal of Herpetology 40: 335-342.
57. Gibbs HL, Corey SJ, **Blouin-Demers G**, Prior KA & Weatherhead PJ. 2006. Hybridization between mtDNA-defined phylogeographic lineages of black ratsnakes (*Pantherophis* sp.). Molecular Ecology 15: 3755-3767.
58. **Blouin-Demers G** & Nadeau P. 2005. The cost-benefit model of thermoregulation does not predict lizard thermoregulatory behavior. Ecology 86: 560-566.
59. **Blouin-Demers G**, Gibbs HL & Weatherhead PJ. 2005. Genetic evidence for sexual selection in black ratsnakes (*Elaphe obsoleta*). Animal Behaviour 69: 225-234.
60. **Blouin-Demers G**, Weatherhead PJ & Row JR. 2004. Phenotypic consequences of nest site selection in black rat snakes (*Elaphe obsoleta*). Canadian Journal of Zoology 82: 449-456.

61. Weatherhead PJ & **Blouin-Demers G**. 2004. Long-term effects of radiotelemetry on black ratsnakes. Wildlife Society Bulletin 32: 900-906.
62. Weatherhead PJ & **Blouin-Demers G**. 2004. Understanding avian nest predation: why ornithologists should study snakes. Journal of Avian Biology 35: 185-190.
63. **Blouin-Demers G**. 2003. Precision and accuracy of body size measurements in a constricting, large-bodied snake (*Elaphe obsoleta*). Herpetological Review 34: 320-323.
64. **Blouin-Demers G** & Gibbs HL. 2003. Isolation and characterisation of microsatellite loci in the black rat snake (*Elaphe obsoleta*). Molecular Ecology Notes 3: 98-99.
65. **Blouin-Demers G**, Weatherhead PJ & McCracken HA. 2003. A test of the thermal coadaptation hypothesis with black rat snakes (*Elaphe obsoleta*) and northern water snakes (*Nerodia sipedon*). Journal of Thermal Biology 28: 331-340.
66. Weatherhead PJ, **Blouin-Demers G** & Cavey KM. 2003. Seasonal and prey-size dietary patterns of black ratsnakes (*Elaphe obsoleta obsoleta*). American Midland Naturalist 150: 275-281.
67. **Blouin-Demers G**, Prior KA & Weatherhead PJ. 2002. Comparative demography of black rat snakes (*Elaphe obsoleta*) in Ontario and Maryland. Journal of Zoology 256: 1-10.
68. **Blouin-Demers G** & Weatherhead PJ. 2002. Habitat-specific behavioural thermoregulation by black rat snakes (*Elaphe o. obsoleta*). Oikos 97: 59-68.
69. **Blouin-Demers G** & Weatherhead PJ. 2002. Implications of spatial and movement patterns for gene flow in black rat snakes (*Elaphe obsoleta*). Canadian Journal of Zoology 80: 1162-1172.
70. Weatherhead PJ, **Blouin-Demers G** & Prior KA. 2002. Synchronous variation and long-term trends in two populations of black rat snakes. Conservation Biology 16: 1602-1608.
71. **Blouin-Demers G** & Weatherhead PJ. 2001. Habitat use by black rat snakes (*Elaphe obsoleta obsoleta*) in fragmented forests. Ecology 82: 2882-2896.
72. **Blouin-Demers G** & Weatherhead PJ. 2001. Thermal ecology of black rat snakes (*Elaphe obsoleta*) in a thermally challenging environment. Ecology 82: 3025-3043.
73. **Blouin-Demers G** & Weatherhead PJ. 2001. An experimental test of the link between foraging, habitat selection and thermoregulation in black rat snakes (*Elaphe obsoleta obsoleta*). Journal of Animal Ecology 70: 1006-1013.
74. Prior KA, **Blouin-Demers G** & Weatherhead PJ. 2001. Sampling biases in demographic analyses of black rat snakes (*Elaphe obsoleta*). Herpetologica 57: 460-469.
75. **Blouin-Demers G**, Prior KA & Weatherhead PJ. 2000. Patterns of variation in spring emergence by black rat snakes (*Elaphe obsoleta obsoleta*). Herpetologica 56: 175-188.
76. **Blouin-Demers G**, Kissner KJ & Weatherhead PJ. 2000. Plasticity in preferred body temperature of young snakes in response to temperature during development. Copeia 2000: 841-845.
77. **Blouin-Demers G** & Weatherhead PJ. 2000. A novel association between a beetle and a snake: parasitism of *Elaphe obsoleta* by *Nicrophorus pustulatus*. Ecoscience 7: 395-397.
78. Kissner KJ, **Blouin-Demers G** & Weatherhead PJ. 2000. Sexual dimorphism in malodorousness of musk secretions of snakes. Journal of Herpetology 34: 491-493.
79. **Blouin-Demers G**, Weatherhead PJ, Shilton CM, Parent CE & Brown GP. 2000. Use of inhalant anesthetics in three snake species. Contemporary Herpetology 2000: 4.

ARTICLES PRÉSENTÉS - PAPERS PRESENTED

1. **Blouin-Demers G**, Banger N & Bulté G. 2012. Why are female map turtles so much larger than males? Joint Congress on Evolutionary Biology, University of Ottawa.
2. Cairns N, **Blouin-Demers G** & Cooke SJ. 2012. Reduction of turtle bycatch by means of gear modification in a small-scale inland commercial fishery. World Congress of Herpetology, University of British Columbia.
3. Stoot L, **Blouin-Demers G** & Cooke SJ. 2012. Consequences of incidental capture of freshwater turtles in commercial fisheries. World Congress of Herpetology, University of British Columbia.
4. Juneau V & **Blouin-Demers G**. Cocoa butter injections, but not silastic implants, of corticosterone can be used to mimic chronic stress in a free-living ectotherm, the painted turtle. World Congress of Herpetology, University of British Columbia.
5. **Blouin-Demers G**, Larocque SM & Cooke SJ. 2012. Reducing bycatch of freshwater turtles in hoop nets used in Ontario commercial fishing. Turtle Survival Alliance Conference, Tucson.
6. Banger N & **Blouin-Demers G**. 2011. Big love: the promiscuous lives of female map turtles. Congrès de la Société Québécoise pour l'Étude Biologique du Comportement, Université de Sherbrooke.
7. El Balaa R & **Blouin-Demers G**. 2011. What's for dinner? Predator diet induces changes in life history and performance of anuran larvae. Congrès de la Société Québécoise pour l'Étude Biologique du Comportement, Université de Sherbrooke.
8. Hanna D & **Blouin-Demers G**. 2011. Anthropogenic noise affects song structure in red-winged blackbirds. Congrès de la Société Québécoise pour l'Étude Biologique du Comportement, Université de Sherbrooke.
9. Juneau V & **Blouin-Demers G**. 2011. Les «turtles» au chocolat sont de retour : l'injection de beurre de cacao, mais non d'implant silastic, peut être utilisée pour imiter le stress chronique chez un ectotherme en milieu naturel, la tortue peinte. Congrès de la Société Québécoise pour l'Étude Biologique du Comportement, Université de Sherbrooke.
10. Fortin G & **Blouin-Demers G**. 2011. Influence de la composition du paysage sur la taille des domaines vitaux de la tortue mouchetée (*Emydoidea blandingii*). Congrès de la Société Québécoise pour l'Étude Biologique du Comportement, Université de Sherbrooke.
11. Thomasson V & **Blouin-Demers G**. 2011. Modélisation d'habitat pour la couleuvre à nez plat, *Heterodon platirhinos*. Congrès de la Société Québécoise pour l'Étude Biologique du Comportement, Université de Sherbrooke.
12. Larocque SM, Cooke SJ & **Blouin-Demers G**. 2011. Bycatch of freshwater turtles in hoop nets used in commercial fishing. Canadian Amphibian and Reptile Conservation Network Conference, Lakehead University.
13. Juneau V & **Blouin-Demers G**. 2011. Can Silastic implants be used to mimic chronic stress? Insights from the painted turtle. Meeting of the Canadian Society of Zoologists, University of Ottawa.
14. El Balaa R & **Blouin-Demers G**. 2011. Effect of predator diet on predator-induced changes in life history and performance of anuran larvae. Meeting of the Canadian Society of Zoologists, University of Ottawa.

15. Larocque SM , Cooke SJ & **Blouin-Demers G**. 2011. Can strategies to reduce sea turtle bycatch in marine fisheries reduce bycatch of at-risk turtles in freshwater fisheries? Meeting of the American Fisheries Society, Seattle.
16. Millar CS & **Blouin-Demers G**. 2010. Oh where, oh where could the Blanding's turtles be? Congrès de la Société Québécoise pour l'Étude Biologique du Comportement, McGill University.
17. El Balaa R & **Blouin-Demers G**. 2010. Effect of predator diet on predator-induced changes in life history and performance of anuran larvae. Congrès de la Société Québécoise pour l'Étude Biologique du Comportement, McGill University.
18. Robson L & **Blouin-Demers G**. 2010. Habitat use and home range size of eastern hognose snakes (*Heterodon platyrhinos*) in the Long Point region of southwestern Ontario. Congrès de la Société Québécoise pour l'Étude Biologique du Comportement, McGill University.
19. Larocque SM , Cooke SJ & **Blouin-Demers G**. 2010. Occurrence and mitigation of freshwater turtle bycatch in inland commercial hoop net fisheries. Canadian Conference For Fisheries Research, Toronto.
20. Larocque SM, Colotelo AH, Cooke SJ, **Blouin-Demers G**. 2010. Bycatch issues associated with inland commercial fisheries of southeastern Ontario. Meeting of the American Fisheries Society Ontario Chapter, Orillia.
21. Larocque SM, Colotelo AH, Cooke SJ & **Blouin-Demers G**. 2010. Bycatch issues associated with inland commercial fisheries of southeastern Ontario. Meeting of the Society for Conservation Biology, Edmonton.
22. Colotelo AH, Cooke SJ, **Blouin-Demers G**, Haxton T & Smokorowski KE. 2010. Bycatch in the inland commercial hoop net fishery in southeastern Ontario: characteristics of bycatch and an evaluation of the lethal and sublethal consequences of incidental capture. Meeting of the American Fisheries Society, Pittsburg.
23. Juneau V & **Blouin-Demers G**. 2009. Comment le stress chronique affecte-t-il le parasitisme et la réponse au stress chez la tortue peinte en milieu naturel? Congrès de la Société Québécoise pour l'Étude Biologique du Comportement, Université du Québec à Trois-Rivières.
24. Dubois Y, **Blouin-Demers G**, Shipley B & Thomas DW. 2009. Thermorégulation et sélection d'habitats chez la tortue des bois: lente course après le soleil. Congrès de la Société Québécoise pour l'Étude Biologique du Comportement, Université du Québec à Trois-Rivières.
25. Bulté G & **Blouin-Demers G**. 2009. Conséquences thermiques et énergétiques du comportement de lézardage (basking) chez la tortue géographique. Congrès de la Société Québécoise pour l'Étude Biologique du Comportement, Université du Québec à Trois-Rivières.
26. **Blouin-Demers G**. 2009. Aller au-delà des études descriptives de sélection d'habitat: faire le lien avec l'aptitude. Congrès de la Société Québécoise pour l'Étude Biologique du Comportement, Université du Québec à Trois-Rivières.
27. Millar C & **Blouin-Demers G**. 2009. Modélisation de la sélection d'habitat à l'échelle du paysage chez la tortue mouchetée. Congrès de la Société Québécoise pour l'Étude Biologique du Comportement, Université du Québec à Trois-Rivières.
28. Colotelo AH, Cooke SJ, Smokorowski KE, **Blouin-Demers G** & Haxton T. 2009. Bycatch issues in inland commercial fisheries. Meeting of the American Fisheries Society, Nashville.

29. Dubois Y, Thomas DW, **Blouin-Demers G** & Shipley B. Thermoregulation and habitat selection in wood turtles (*Glyptemys insculpta*): chasing the sun slowly. Joint Meeting of Ichthyologists and Herpetologists, McGill University.
30. Bulté G & **Blouin-Demers G**. 2007. Can bite size increase fertility? Testing the reproductive role hypothesis of trophic morphology dimorphism in the northern map turtle. Congrès de la Société Québécoise pour l'Étude Biologique du Comportement, Université Laval.
31. Bulté G & **Blouin-Demers G**. 2007. Competition or reproduction? Evaluating the ecological role of trophic morphology dimorphism in the common map turtle. Canadian Amphibian and Reptile Conservation Network Conference, Queen's University.
32. Picard G & **Blouin-Demers G**. 2007. Thermal ecology of the stinkpot turtle (*Sternotherus odoratus*) at the northern extreme of its distribution. Canadian Amphibian and Reptile Conservation Network Conference, Queen's University.
33. Carrière MA & **Blouin-Demers G**. 2007. Spatial ecology of the common map turtle (*Graptemys geographica*) in St. Lawrence Islands National Park. Canadian Amphibian and Reptile Conservation Network Conference, Queen's University.
34. Plummer AC & **Blouin-Demers G**. 2007. Do different methods of determining thermal preference change interpretations of thermoregulatory strategies. Canadian Amphibian and Reptile Conservation Network Conference, Queen's University.
35. **Blouin-Demers G** & Weatherhead PJ. 2007. Allocation of offspring size and sex by female black ratsnakes. Canadian Amphibian and Reptile Conservation Network Conference, Queen's University.
36. Bulté G & **Blouin-Demers G**. 2007. How important are zebra mussels in the diet of northern map turtles: insights from bioenergetics and stable isotopes. Canadian Amphibian and Reptile Conservation Network Conference, Queen's University.
37. Ben-Ezra E, Bulté G & **Blouin-Demers G**. 2005. A test of the thermal coadaptation hypothesis in the common map turtle (*Graptemys geographica*). Meeting of the Canadian Society for Ecology and Evolution, Université du Québec à Montréal.
38. Verly C, Bulté G & **Blouin-Demers G**. 2005. Est-ce que la paternité multiple augmente avec la taille de la femelle chez la tortue géographique (*Graptemys geographica*). Congrès de la Société Québécoise pour l'Étude Biologique du Comportement, Concordia University.
39. Gravel MA, Bulté G & **Blouin-Demers G**. 2005. Le dimorphisme sexuel extrême et ses effets sur la diète chez la tortue géographique (*Graptemys geographica*). Congrès de la Société Québécoise pour l'Étude Biologique du Comportement, Concordia University.
40. Ben-Ezra E, Bulté G & **Blouin-Demers G**. 2005. A test of the thermal coadaptation hypothesis in the common map turtle (*Graptemys geographica*). Congrès de la Société Québécoise pour l'Étude Biologique du Comportement, Concordia University.
41. Ben-Ezra E, Bulté G & **Blouin-Demers G**. 2005. A comparison of preferred and optimal temperatures in the common map turtle (*Graptemys geographica*). Canadian Amphibian and Reptile Conservation Network Conference, Canadian Wildlife Service Ottawa.
42. Bulté G & **Blouin-Demers G**. 2005. Quantifying age and sex specific zebra mussels predation by the common map turtle (*Graptemys geographica*) using stable carbon isotopes: Preliminary results. Canadian Amphibian and Reptile Conservation Network Conference, Canadian Wildlife Service Ottawa.

43. Carrière MA & **Blouin-Demers G**. 2005. Effects of commercial fishing traps on a map turtle (*Graptemys geographica*) population in Thompson's Bay, St-Lawrence River. Canadian Amphibian and Reptile Conservation Network Conference, Canadian Wildlife Service Ottawa.
44. Verly C, Bulté G & **Blouin-Demers G**. 2005. Does multiple paternity increase with female size in the common map turtle (*Graptemys geographica*)?: a work in progress. Canadian Amphibian and Reptile Conservation Network Conference, Canadian Wildlife Service Ottawa.
45. Gravel MA, Bulté G & **Blouin-Demers G**. 2005. Effects of sexual size dimorphism on diet specialization in the common map turtle (*Graptemys geographica*). Canadian Amphibian and Reptile Conservation Network Conference, Canadian Wildlife Service Ottawa.
46. Row JR & **Blouin-Demers G**. 2005. Thermal quality influences investment in thermoregulation, habitat use, and behaviour in milksnakes. Joint Meeting of Ichthyologists and Herpetologists, University of Florida.
47. Bulté G & **Blouin-Demers G**. 2005. Trophic ecology of the common map turtle (*Graptemys geographica*): an isotopic investigation. Joint Meeting of Ichthyologists and Herpetologists, University of Florida.
48. Edwards A & **Blouin-Demers G**. 2005. Using *Chrysemys picta* as a test of the cost-benefit model of thermoregulation. Ontario Ecology & Evolution Colloquium, Carleton University.
49. Row JR & **Blouin-Demers G**. 2005. Thermal quality influences investment in thermoregulation, habitat use, and behaviour in milksnakes. Ontario Ecology & Evolution Colloquium, Carleton University.
50. **Blouin-Demers G** & Weatherhead PJ. 2003. Effects of radiotelemetry on black ratsnakes. Canadian Amphibian and Reptile Conservation Network Conference, Pelee Island.
51. Bulté G, **Blouin-Demers G** & Weatherhead PJ. 2003. Predation on snake eggs by *Nicrophorus pustulatus*. Canadian Amphibian and Reptile Conservation Network Conference, Pelee Island.
52. Bjorgan L, **Blouin-Demers G** & Weatherhead PJ. 2003. Habitat use differences between adult and juvenile black ratsnakes. Canadian Amphibian and Reptile Conservation Network Conference, Pelee Island.
53. Row JR & **Blouin-Demers G**. 2003. Thermal effects on habitat use of milksnakes. Canadian Amphibian and Reptile Conservation Network Conference, Pelee Island.
54. **Blouin-Demers G** & Weatherhead PJ. 2002. An experimental test of the link between habitat use, foraging, and thermoregulation in black rat snakes. Meeting of the International Society for Behavioural Ecology, Université du Québec à Montréal.
55. **Blouin-Demers G** & Weatherhead PJ. 2002. Contributions of movement patterns to gene flow in black rat snakes. Meeting of the Ecological Society of America, University of Arizona.
56. Weatherhead PJ, **Blouin-Demers G** & Prior KA. 2000. Synchrony and population trends in black rat snakes. Snake Ecology Group Conference, University of Arkansas.
57. Prior KA, **Blouin-Demers G** & Weatherhead PJ. 1999. Sampling biases in black rat snake populations. Canadian Amphibian and Reptile Conservation Network Conference, Canadian Wildlife Service.
58. **Blouin-Demers G**, Prior KA & Weatherhead PJ. 1999. Démographie comparée de la couleuvre obscure. Congrès de la Société Québécoise pour l'Étude Biologique du Comportement, Université Laval.

59. **Blouin-Demers G**, Prior KA & Weatherhead PJ. 1998. Variation et patrons d'émergence chez la couleuvre obscure. Congrès de la Société Québécoise pour l'Étude Biologique du Comportement, Concordia University.
60. **Blouin-Demers G**, Prior KA & Weatherhead PJ. 1998. Variation in spring emergence by black rat snakes. Joint Meeting of Ichthyologists and Herpetologists, University of Guelph.
61. **Blouin-Demers G**. 1997. Patterns of habitat use and movement in relation to thermoregulatory requirements in the black rat snake (*Elaphe obsoleta*). Snake Ecology Group Conference, University of Texas at Tyler.

CONFÉRENCES INVITÉES - INVITED SEMINARS

1. **Blouin-Demers G.** 2012. Going beyond descriptive habitat selection studies: making the link with fitness is paramount in a conservation context. Invited symposium presentation for the World Congress of Herpetology, University of British Columbia.
2. **Blouin-Demers G.** 2010. Thermorégulation, utilisation de l'habitat et conservation chez les reptiles. Conférences de Biologie, Université Laval.
3. **Blouin-Demers G.** 2009. Conserving freshwater turtles in the St. Lawrence ecosystem. Seminar Series, St. Lawrence River Institute of Environmental Sciences.
4. **Blouin-Demers G.** 2009. Fitness consequences of habitat selection in reptiles and their implications for conservation. Biology Seminar Series, State University of New York at Potsdam.
5. **Blouin-Demers G.** 2008. Habitat use is linked to components of fitness through the temperature-dependence of performance in reptiles. Head Office Seminar Series, Parks Canada.
6. **Blouin-Demers G.** 2008. Écologie fonctionnelle et dimorphisme sexuel. Centre National de la Recherche Scientifique, Centre d'Études Biologiques de Chizé, France.
7. **Blouin-Demers G.** 2008. Habitat use is linked to components of fitness through the temperature-dependence of performance in ratsnakes and map turtles. Invited symposium presentation for the Joint Meeting of Ichthyologists and Herpetologists, McGill University.
8. **Blouin-Demers G.** 2008. Physiological ecology of reptiles. Biology Seminar Series, Western Kentucky University.
9. **Blouin-Demers G.** 2006. Les reptiles démythifiés / The fascinating world of reptiles. Holiday Lecture Series, Faculty of Science, University of Ottawa.
10. **Blouin-Demers G.** 2006. The sexual serpent and other scaly things. Pub talk for the Ottawa-Carleton Institute of Biology Research Days, University of Ottawa.
11. **Blouin-Demers G.** 2005. Thermorégulation, utilisation de l'habitat et aptitude chez les reptiles. Conférences de Biologie, Université de Sherbrooke.
12. **Blouin-Demers G.** 2005. Écologie thermique des reptiles. Conférences de Biologie, Université du Québec à Montréal.
13. **Blouin-Demers G.** 2005. Thermoregulation, habitat use, and fitness in reptiles. Plenary address for the Canadian Amphibian and Reptile Conservation Network Conference, Canadian Wildlife Service Ottawa.
14. **Blouin-Demers G & Weatherhead PJ.** 2005. From thermoregulation-driven habitat selection to fitness in black ratsnakes. Invited symposium presentation for the Wildlife Society Conference, University of Wisconsin.
15. **Blouin-Demers G.** 2004. Nest selection and sexual selection in ratsnakes. Biology Seminar Series, Carleton University.
16. **Blouin-Demers G.** 2004. Nest selection and sexual selection in ratsnakes. Biology Seminar Series, Laurentian University.
17. **Blouin-Demers G.** 2003. Reproductive ecology of the black ratsnake. Ecology, Evolution, and Behaviour Seminar Series, Queen's University.

18. **Blouin-Demers G.** 2003. Écologie de la reproduction chez la couleuvre obscure. Conférences de Biologie, Université du Québec à Trois-Rivières.
19. **Blouin-Demers G & Weatherhead PJ.** 2003. Insights from 25 years of research on black ratsnakes in eastern Ontario. Invited symposium presentation for the Snake Ecology Group Conference, University of Southern Illinois.
20. **Blouin-Demers G.** 2003. Écologie de la reproduction chez la couleuvre obscure. Conférences de Biologie, Université de Sherbrooke.
21. **Blouin-Demers G.** 2002. Living on the edge is hot: thermoregulation and habitat use by snakes. Biology Seminar Series, University of Indiana – Purdue University.
22. **Blouin-Demers G.** 2001. Habitat use and its links to thermoregulation in black ratsnakes. Biology Seminar Series, University of Toronto at Scarborough.
23. **Blouin-Demers G.** 2001. Sélection d'habitat et ses liens à la thermorégulation chez la couleuvre obscure. Conférences de Biologie, Université du Québec à Montréal.
24. **Blouin-Demers G.** 2001. Habitat use and its links to thermoregulation in snakes. Keynote address for the Meeting of the St. Lawrence Valley Natural History Society, McGill University.
25. **Blouin-Demers G.** 2001. Habitat use and thermal ecology of black rat snakes at the northern extreme of their distribution. Biology Seminar Series, McMaster University.
26. **Blouin-Demers G.** 2001. Living on the edge is hot: thermoregulation and habitat use by black rat snakes. Program in Ecology & Evolutionary Biology Seminar Series, University of Illinois.
27. **Blouin-Demers G.** 2001. Population biology of black rat snakes: sampling biases, comparative demography, population trends & synchrony. Eco-Lunch Seminar Series, University of Illinois.
28. **Blouin-Demers G.** 2000. Habitat use and thermal ecology of black rat snakes in a thermally challenging environment. Biology Seminar Series, Carleton University.
29. **Blouin-Demers G.** 2000. Population biology of black rat snakes. Ecology, Evolution, and Behaviour Seminar Series, Queen's University.
30. **Blouin-Demers G.** 1997. Thermal ecology of the black rat snake in eastern Ontario: a test of the co-adaptation hypothesis. Ecology, Evolution, and Behaviour Seminar Series, Queen's University.

QUALIFICATIONS PARTICULIÈRES - SPECIAL QUALIFICATIONS

- ❖ Certification de plongeur élémentaire de la fédération québécoise des activités subaquatiques (1993)
- ❖ Permis de conduire pour minibus de 24 passagers (SAAQ classe 4B) / 24-passenger mini-bus driver's license (1995)
- ❖ Permis d'armes à feu possession et acquisition / Firearms Licence Possession and Acquisition (1995, 2000, 2007)
- ❖ Second Degree Black Belt from the International Taekwon-Do Federation (1997)
- ❖ Ontario Professional Chainsaw Operator (2001)
- ❖ Carte de conducteur d'embarcation de plaisance / Pleasure Craft Operator Card (2003)
- ❖ Cours de sécurité de base des petits bâtiments autres que les embarcations de plaisance (FUM A3) / Small Non-Pleasure Vessel Basic Safety course (MED A3) (2004)
- ❖ Secourisme avancé en régions isolées Sirius / Sirius Advanced Wilderness First-Aid (2006, 2008, 2010)
- ❖ Introduction pour entraîneur de sport communautaire par le Programme national de certification des entraîneurs pour le ski de fond / Introduction to Community Coaching by the National Coaching Certification Program for cross-country skiing (2009)
- ❖ Entraîneur de sport communautaire par le Programme national de certification des entraîneurs pour le ski de fond / Community Coaching by the National Coaching Certification Program for cross-country skiing (2010 #1199310)
- ❖ Introduction pour entraîneur de compétition (terrain sec & neige) par le Programme national de certification des entraîneurs pour le ski de fond / Introduction to Competition Coaching (dryland and on-snow) by the National Coaching Certification Program for cross-country skiing (2012)

AUTRES ACTIVITÉS - OTHER ACTIVITIES

Mountaineering, ice and rock climbing, mountain and road biking, cross-country skiing, trail running, scuba diving, wood working.

