

CURRICULUM VITAE C. MORGAN WILSON

February 2009

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EDUCATION

Ph. D., Biology. May 2002

University of Mississippi. University, MS

Dissertation Title: An Endocrine Basis for Trade-offs between Personal Risk and Reproductive Success in Arctic- and Temperate-breeding Yellow Warblers, *Dendroica petechia*

Research Director: Dr. Rebecca L. Holberton

M. S., Biology. July 1996

Virginia Polytechnic Institute and State University. Blacksburg, VA

Thesis Title: Maternal Thyroid Hormones in Japanese Quail Eggs

Research Director: Dr. F. M. Anne McNabb

B. S., Biology. May 1993

Hampden-Sydney College. Hampden-Sydney, VA

Senior Thesis: Gravitational Effects on the Bone Morphology and Histology of Mice

Research Director: Dr. Alexander J. Werth

Summa Cum Laude, Honors in Biology

PROFESSIONAL EXPERIENCE

Associate Professor of Biology, Hollins University (2008 to present); Assistant Professor of Biology, Hollins University (2002 to 2008)

- BIOL 132, Human Biology
- BIOL 220 and 220L, Human Physiology Lecture and Laboratory
- BIOL 250, Birds of Virginia
- BIOL 260, Human Anatomy
- BIOL 313 and 313L, Invertebrate Zoology Lecture and Laboratory
- BIOL 315 and 315L, Comparative Vertebrate Anatomy Lecture and Laboratory
- BIOL 361 and 361L, Physiological Ecology Lecture and Laboratory
- BIOL 471/472, Biology Senior Seminar
- SEM 1004, Physiological Ecology
- SEM 1076, The Art, Literature, and Science of Fly Fishing
- TRIP 1011, Arctic Biology

Instructor of Biology, University of Mississippi (2000-2002)

- BISC 102, Inquiry into Life/Human Biology
- BISC 330 and 330L, Introductory Physiology Lecture and Laboratory

Teaching Assistant, University of Mississippi (1997-2000)

- BISC 330L, Introductory Physiology Laboratory
- BISC 331L, Comparative Vertebrate Anatomy Laboratory

Instructor of Biology, Hampden-Sydney College (1996-1997)

- BIOL 101, Introductory Biology
- BIOL 108, Environmental Biology
- BIOL 151, Introductory Biology Laboratory I
- BIOL 152, Introductory Biology Laboratory II

Teaching Assistant, Virginia Tech (1993-1996)

- BIOL 1015, General Biology Laboratory I
- BIOL 1016, General Biology Laboratory II
- BIOL 1116, Principles of Biology Laboratory I
- BIOL 2414, Human Anatomy and Physiology Laboratory
- BIOL 4404, Ornithology Laboratory

RESEARCH AND PROFESSIONAL ACTIVITIES

Research Experience

- **Ongoing Research**, Department of Biology, Hollins University (August 2002 to present). Avian endocrine response to stress during reproduction (American Goldfinch, Eastern Bluebird)¹; the role of glucocorticoids in migrating waterfowl²; nest box choice in Eastern Bluebirds¹; hatchability of avian eggs exposed to various environmental conditions¹; influence of diet on the responses of eastern garter snakes to oostariophysan alarm substance^{1,3}; responses of eastern garter snakes to conspecific scent gland secretions^{1,3}; Collaborators: ¹Renee D. Godard, Department of Biology; ²Christopher G. Sims, University of Arkansas, Monticello; ³Bonnie B. Bowers, Department of Psychology, Hollins University.
- **Doctoral Dissertation**, Department of Biology, University of Mississippi (August 1997 to May 2002). Title: An endocrine basis for trade-offs between personal risk and reproductive success in Arctic- and temperate-breeding Yellow Warblers, *Dendroica petechia*.
- **Radioimmunoassay Laboratory Supervisor**, Department of Biology, University of Mississippi (August 2000 to May 2002).
- **Research Assistant**, Department of Biology, University of Mississippi (July 1999 to August 2000). Field and laboratory research assistant under a National Science Foundation Grant awarded to Dr. Rebecca L. Holberton. Field responsibilities included capture, banding, and blood sampling of wild birds; laboratory responsibilities included analysis of plasma samples by radioimmunoassay, assistance with laboratory experiments, and care of captive birds.
- **Laboratory Technician**, Department of Biology, Hampden-Sydney College (May to July 1997). Supervisor, Dr. William Shear. Responsible for: 1) processing fossilized arthropod material for analysis and classification, 2) organization of prepared slide collection for the American Museum of Natural History.
- **Master of Science Thesis**, Department of Biology, Virginia Tech (August 1993 to July 1996). Title: Maternal thyroid hormones in Japanese Quail eggs.
- **Field Technician**, Department of Fisheries and Wildlife, Virginia Tech (May to July 1994). Supervisor, Ms. Kelly Harpster. Responsible for recording location, age class, and microhabitat of brook trout found in stream transects; marking location of individual trout; electroshocking sections of stream for collection of marked and unmarked trout and other fishes; assisting in the measurement and identification of collected fishes.
- **Laboratory Technician**, Department of Biology, Virginia Tech (May to August 1993). Supervisor, Dr. F. M. Anne McNabb. Responsible for sampling, preparing, and analyzing avian plasma, tissue, and egg yolk samples by radioimmunoassays; interpreting data; and ordering laboratory supplies.
- **Undergraduate Honors Thesis**, Department of Biology, Hampden-Sydney College (August 1992 to May 1993). Title: Gravitational effects on the bone morphology and histology of mice.

Publications in Peer-reviewed Journals (*denotes Hollins University student co-author)

- Godard, R. D., **Wilson, C. M.**, Frick*, J., P. B. Siegel, and B. B. Bowers. 2007. The effects of environmental exposure and microbial colonization on hatchability of eggs in open-cup and cavity nests. *Journal of Avian Biology* 38:709-716.
- **Wilson, C. M.**, and R. L. Holberton. 2007. Are nestlings the cue for reduction of the adrenocortical response to stress in male Yellow Warblers breeding at high latitude? *Condor* 109:675-679.
- **Wilson, C. M.**, and R. L. Holberton. 2007. Differences in song rate in two populations of Yellow Warblers, (*Dendroica petechia*). *The Wilson Journal of Ornithology* 119(1):132-135.
- Holberton, R. L., **Wilson, C. M.**, Hunter, M. J., Cash, W. B., and C. G. Sims. 2007. The role of corticosterone in supporting migratory lipogenesis in the Dark-eyed Junco, *Junco hyemalis*: A model for central and peripheral regulation. *Physiological and Biochemical Zoology* 80(1):125-137.
- Godard, R. D., Bowers, B. B., and **C. M. Wilson**. 2007. Eastern Bluebirds (*Sialia sialis*) do not avoid nest boxes laced with chemical cues from two common nest predators. *Journal of Avian Biology* 38:128-131.
- Godard, R. D., **Wilson, C. M.**, Cash, W. B., and C. M. Rock*. 2006. *Agkistrodon contortrix* (Copperhead) Diet. *Herpetological Review* 37(4):476.
- **Wilson, C. M.**, and R. L. Holberton. 2004. Individual risk versus immediate reproductive success: a basis for latitudinal differences in the adrenocortical response to stress in Yellow Warblers, *Dendroica petechia*. *Auk* 121(4): 1238-1249 [see also *Auk* 122(1):378, 2005].
- **Wilson, C. M.**, and R. L. Holberton. 2001. An alternative method for delivering adrenocorticotropin hormone in birds. *General and Comparative Endocrinology* 122:349-353.
- **Wilson, C. M.**, and F. M. A. McNabb. 1997. Maternal thyroid hormones in Japanese Quail eggs and their influence on embryonic development. *General and Comparative Endocrinology* 107:153-165.
- McNabb, F. M. A., and **C. M. Wilson**. 1997. Thyroid hormone deposition in avian eggs and effects on embryonic development. *American Zoologist* 37(6):553-560.

Publications in Scientific Texts

- **Wilson, C. M.**, and R. L. Holberton. 2004. High latitude hormones. P. 117 In *Birdlife of the Churchill Region: Status, History, Biology*. J. R. Jehl, Jr. Trafford Publishing, Victoria, B. C.

Manuscripts In Preparation (*denotes Hollins University student coauthor)

- **Wilson, C. M.**, Holberton, R.L., and B. B. Bowers. Potential consequences of failing to exhibit an adrenocortical response to stress. *Physiological and Biochemical Zoology*.
- **Wilson, C. M.**, and R. L. Holberton. A comparative study of the nesting biology and parental behavior of subArctic- and temperate-breeding Yellow Warblers. *Journal of Field Ornithology*.
- Wheeler*, C. E., **Wilson, C. M.**, LoBato*, D. N., and R. L. Holberton. Duration of the adrenocortical response to stress in captive House Sparrows, *Passer domesticus*. *General and Comparative Endocrinology*.
- Bowers, B. B., Gounley*, T. M., **Wilson, C. M.**, and R. D. Godard. The influence of diet on the responses of eastern garter snakes to ostariophysan alarm substance.
- **Wilson, C. M.**, Godard, R. D., Westneat, D. F., Beach, R. L., and A. D. Fitzgerald*. An observation of joint nesting and possible helping by three female Eastern Bluebirds (*Sialia sialis*) at a single nest.
- Godard, R. D., and **C. M. Wilson**. Eastern Bluebirds avoid nest boxes with predator guards.
- **Wilson, C. M.**, and R. D. Godard. House Sparrow predation on Eastern Bluebird nests increases with reduced mating success.

Research Presentations (and published abstracts)

- **Wilson, C. M.**, and R. L. Holberton. 2002. Are nestlings acting as a cue for modulating the adrenocortical response to stress? The 120th meeting of the American Ornithologists' Union, New Orleans, LA.
- **Wilson, C. M.**, and R. L. Holberton. 2001. The endocrine basis for trade-offs between immediate survival and reproductive success in Arctic- and temperate-breeding Yellow Warblers. Presented at the 119th meeting of the American Ornithologists' Union, Seattle, WA.
- Holberton, R. L., **Wilson, C. M.**, and M. J. Hunter. 2001. The Blackpoll Warbler: Little bird – big journey. Presented at the 119th meeting of the American Ornithologists' Union, Seattle, WA.
- **Wilson, C. M.**, and R. L. Holberton. 2001. An endocrine basis for trade-offs between immediate survival and reproductive success. Presented as a part of the Symposium on Stress and Adaptation at the Annual Meeting of the Society for Integrative and Comparative Biology, Chicago, IL. Paper received Honorable Mention for the Aubrey Gorbman Award, Division of Comparative Endocrinology.
- Holberton, R. L., **Wilson, C. M.**, and Sims, C. G., and W. B. Cash. 2001. The role of corticosterone and the effects of its inhibition during the development of migratory condition in Dark-eyed Juncos. Presented at the annual meeting for The Society of Integrative and Comparative Biology, Chicago, IL.
- **Wilson, C. M.** 2000. An endocrine basis for trade-offs between immediate survival and reproductive success. Presented at the 16th annual Biological Sciences Graduate Student Forum at the University of Southern Mississippi, Hattiesburg, MS.
- McNabb, F. M. A., and **C. M. Wilson**. 1997. Thyroid hormones in quail eggs and their effect on embryonic development. XIII International Congress of Comparative Endocrinology. Yokohama, Japan.
- **Wilson, C. M.**, and F. M. A. McNabb. 1996. Thyroid hormones in avian eggs: presence, manipulation, and influence on embryonic development. *Va. J. Sci.* 48 (2). Presented at the 74th annual meeting of the Virginia Academy of Science, Richmond, VA.
- McNabb, F. M. A., and **C. M. Wilson**. 1996. Maternal thyroid hormones in eggs and their effects on avian embryonic development. *Amer. Zool.* 36(6) 53A. Presented at the annual meeting of the Society for Integrative and Comparative Biology National Meeting, Washington, D.C.
- **Wilson, C. M.**, and F. M. A. McNabb. 1995. Thyroid hormones in the yolk of Japanese Quail eggs. *Amer. Zool.* 35(5):46A. Presented at the annual meeting of the American Society of Zoologists, Saint Louis, MO.

Professional Poster Presentations (and published abstracts; *denotes Hollins University student coauthor)

- LoBato, D. N.*, **C. M. Wilson**, and R. D. Godard. 2008. Intermittent incubation and microbial growth on eggs of Eastern Bluebirds (*Sialia sialis*). Presented at the annual meeting of the Association of Southeastern Biologists, Greenville/Spartanburg, South Carolina.
- Frost, E. S.*, E. M. Branch*, **C. M. Wilson**, and R. L. Beach. 2008. Teratogenic effects of the pesticide malathion on the development of zebrafish (*Danio rerio*). Presented at the annual meeting of the Association of Southeastern Biologists, Greenville/Spartanburg, South Carolina.
- Godard, R. D., **Wilson, C. M.**, Frick*, J., and P. B. Siegel. 2007. The effects of environmental exposure and microbial colonization on hatchability of eggs in open-cup and cavity nests. Presented at the annual meeting of the Association of Southeastern Biologists, Columbia, SC.

- LoBato*, D. N., Wheeler*, C. E., **Wilson, C. M.**, and R. D. Godard. 2007. Determining the duration of the adrenocortical response in the House Sparrow, *Passer domesticus*. Presented at the annual meeting of the Association of Southeastern Biologists, Columbia, SC.
- Fitzgerald*, A., Godard, R. D., **Wilson, C. M.**, and A. Fenster. 2006. Incubation patterns and the microbial colonization and hatchability of eggs of the Gray Catbird (*Dumetella carolinensis*). Presented at the 20th National Conference on Undergraduate Research, Asheville, NC.
- Frick*, J., Godard, R. D., **Wilson, C. M.**, and P. B. Siegel. 2005. The effects of exposure conditions on hatchability of eggs in open and cavity nests. Presented at the 19th National Conference on Undergraduate Research, Lexington, VA.
- Frick*, J., Godard, R. D., **Wilson, C. M.**, and P. B. Siegel. 2004. The effects of exposure conditions and time on hatchability of open nesting and cavity nesting birds. Presented at the 6th Annual Mid-Atlantic Regional Conference of Undergraduate Scholarship, Sweet Briar College, VA.
- **Wilson, C. M.**, and R. L. Holberton. 2004. Potential consequences of failing to show an adrenocortical response to stress. Presented at the 122nd meeting of the American Ornithologists' Union, Université Laval, Québec, QC, Canada.
- Beazlie*, S. L., **Wilson, C. M.**, and A. Fenster. 2004. Hormonal and microbiological investigation of the unbalanced sex ratio of wintering American Goldfinches, *Carduelis tristis*. Presented at the 82nd annual meeting of the Virginia Academy of Science, Virginia Commonwealth University, Richmond, VA.
- Wheeler*, C. E., and **C. M. Wilson**. 2004. Duration of the adrenocortical response to stress in captive House Sparrows, *Passer domesticus*. Presented at the 82nd annual meeting of the Virginia Academy of Science.
- Tucker*, A., Beach, R. L., and **C. M. Wilson**. 2004. Cross-species amplification using microsatellite markers in American Goldfinches (*Carduelis tristis*) and Yellow Warblers (*Dendroica petechia*). Presented at the 82nd annual meeting of the Virginia Academy of Science, Virginia Commonwealth University, Richmond, VA.
- Holberton, R. L., **Wilson, C. M.**, Hunter, M. J., and A. W. Lee. 2001. An endocrine basis for migratory strategies in long- and short-distance Neotropical migrants. Presented at the annual meeting of the Society of Integrative and Comparative Biology, Chicago, IL.
- Holberton, R. L., W. B. Cash, C. G. Sims, and **C. M. Wilson**. 1999. Corticosterone and the development of migratory condition: is corticosterone necessary? Presented at the 116th meeting of the American Ornithologists' Union, Cornell University, Ithaca, NY.
- Holberton, R. L., W. B. Cash, C. G. Sims, and **C. M. Wilson**. 1998. Corticosterone and the development of migratory condition. Presented at the 22nd International Ornithological Congress. Durban, South Africa.
- **Wilson, C. M.**, and F. M. A. McNabb. 1995. Maternal thyroid hormones in quail eggs. *Poult. Avian Rev.* 6(4) 330. Presented at the 6th International Symposium on Avian Endocrinology, Alberta, Canada.
- **Wilson, C. M.** 1995. Thyroid hormones in the yolk of Japanese Quail eggs. *Va. J. Sci.* 46(2):100. Presented at the 73rd annual meeting of the Virginia Academy of Science.

Invited Presentations

- November 6, 2007. Avian reproduction: questions of an ecological physiologist. Department of Biology, Hampden-Sydney College.
- March 19, 2005. Do animals get 'stressed'? Presentation to student participants at the Southwestern Virginia Regional Science Fair, Hollins University.
- January 26, 2005. Do birds of a feather respond to stress together? Ongoing studies of Yellow Warblers and American Goldfinches. Department of Biology, Randolph Macon Woman's College.
- October 20, 2003. Do birds of a feather respond to stress together? Studies of Yellow Warblers and American Goldfinches. Department of Biology, Hampden-Sydney College.
- April 10, 2003. An endocrine basis for trade-offs between immediate survival and reproductive success in Yellow Warblers. Department of Biology, Virginia Tech.
- June 24, 2003. Trade-offs between immediate survival and reproductive success in Arctic- and temperate-breeding Yellow Warblers. Churchill Northern Studies Centre summer research symposium series, Churchill, Manitoba, Canada.
- September 18, 2000. An endocrine basis for trade-offs between immediate survival and reproductive success. Department of Biology, University of Memphis.
- July 17, 2000. Breeding in the Arctic: trade-offs between immediate survival and reproductive success. Arctic ecosystems course at the Churchill Northern Studies Centre, Department of Biology, University of Toronto.
- April 20, 2000. Doctoral research: An endocrine basis for trade-offs between immediate survival and reproductive success. Department of Biology, Hampden-Sydney College.
- April 11, 1999. A summer in Churchill, Manitoba. Memphis Chapter, Tennessee Ornithological Society.
- Fall 1997. Maternal thyroid hormones in Japanese Quail eggs. Department of Biology, Hampden-Sydney College.

Presentations at Hollins University

- Godard, R. D., and C. M. Wilson. Spring 2007. Sigma Xi Research Forum presentation. Eggs, germs, and progeny: a look at summer reproductive patterns on the Hollins campus.
- Godard, R. D., and C. M. Wilson. Spring 2005. Faculty Lunch presentation. Eggs, germs, and progeny: a look at summer reproductive patterns on the Hollins campus.
- Wilson, C. M. Fall 2003. Faculty Lunch presentation. Do birds of a feather respond to stress together? Studies of Yellow Warblers and American Goldfinches.
- Wilson, C. M. Spring 2003. Faculty Lunch presentation. Travel to the edge of the Arctic.
- Wilson, C. M., and R. L. Holberton. Spring 2003. Personal risk versus immediate reproductive success: a basis for latitudinal differences in the adrenocortical response to stress in Yellow Warblers, *Dendroica petechia*. Poster presented at the Division III symposium, Founder's Day/Presidential Inauguration.

Undergraduate Research/Honors Thesis Advising

- Denae LoBato, '08. Senior Thesis. The role of incubation on microbial colonization of eggs in Eastern Bluebirds.
- Denae LoBato, '08. Independent Study: Re-evaluation of the duration of the adrenocortical response to stress in captive House Sparrows, *Passer domesticus*.
- Shawn Whiteman, '07. The effects of banner-tailed kangaroo rat (*Dipodomys spectabilis*) mound occupancy on reptile populations.
- Ashley Fitzgerald, '06. Honor's Thesis Research: Incubation patterns, microbial colonization, and hatchability of eggs of the Gray Catbird (*Dumetella carolinensis*).
- Anne Fisher, '06. Honor's Thesis Research: Examining microbial and incubation patterns of Eastern Bluebirds (*Sialia sialis*).
- Lindsay Lucas, '06. Honor's Thesis Research: Genetic patterns in a population of Northern Mockingbirds (*Mimus polyglottos*) on the Hollins University campus.
- Jessica Frick, '05. Honor's Thesis Research: The effects of exposure conditions and time on hatchability of the eggs of open nesting and cavity nesting birds.
- Sally Beazlie, '04. Honor's Thesis Research: Hormonal and microbiological investigation of the unbalanced sex ratio of wintering American Goldfinches, *Carduelis tristis*.
- Christina Wheeler, '04. Honor's Thesis Research: Duration of the adrenocortical response to stress in captive House Sparrows, *Passer domesticus*.
- Sally Beazlie, '04. Independent Study: Corticosterone analysis of avian plasma by radioimmunoassay and enzyme-linked immunosorbant assay.
- Christina Wheeler, '04. Independent Study: Sex steroid analysis of avian plasma by radioimmunoassay and enzyme-linked immunosorbant assay.

Grant Awards

- Mednick Fellowship Grant, Virginia Foundation for Independent Colleges: 2008, \$2000
- Faculty Development Research Grant, Hollins University: 2008, \$850; 2007, \$850; 2006, \$850; 2005, \$750; 2004, \$700; 2003, \$1200; 2002, \$690
- Faculty Development Travel Grant, Hollins University: 2008, \$1000; 2007, \$1000; 2006, \$1000; 2005, \$750; 2004, \$463; 2002, \$100
- Teaching Innovations and Curriculum Development Fund, Hollins University: 2006, \$2300
- Academic Enhancement Initiative, Faculty/Student Research Fund, Hollins University: 2005, \$4650
- Academic Enhancement Initiative, Faculty Research Fund, Hollins University: 2005, \$1150
- Collaborative Faculty/Student Research Grant, Hollins University: 2004, \$4000
- American Ornithologists' Union Research Award, 2001, \$986
- Graduate Student Council Research Fund Award, University of Mississippi, 2001, \$250
- Frank M. Chapman Memorial Fund, American Museum of Natural History, 2000, \$750
- Animal Behavior Society Student Research Grant, 2000, \$1000
- Churchill Northern Studies Centre Northern Research Fund Grant: 2000, \$2,775; 1999, \$2,512; 1998, \$2,242
- Sigma Xi Grants-In-Aid of Research: 1996, \$500; 1994, \$600

Features in the Media

- "Fishing Expedition." Hollins University Alumnae Magazine. Spring 2008.
- "Trout growing with I-CARE project." Roanoke Times, October 2, 2007.
- "Trout Unlimited campaign goal is to restore trout streams in the I-81 corridor." Fincastle Herald, October 3, 2007.
- "Sparks and Margins. Fly-fishing, ecotones, edgeplaces, and tippets-and what they have to do with creativity at Hollins." Thorpe Moeckel and Morgan Wilson. Hollins University Alumnae Magazine. Spring 2007.
- "J-Term 2007." Hollins University Alumnae Magazine. Spring 2007.

- “Learning on the Fly.” The Roanoke Times. January 26, 2007.
- “The Edge of the Arctic.” Hollins University Alumnae Magazine. Spring 2006.
- “University Credit Course Updater.” *Birdfish*, Newsletter of the Churchill Northern Studies Centre. Fall 2005.
- “Hollins expert studying goldfinch behavior” The Roanoke Times. February 20, 2004
- “Welcome Back!! – The Lure of Frigid Days in the North brings Dr. Morgan Wilson Back to the CNSC.” *Birdfish*, Newsletter of the Churchill Northern Studies Centre. Fall 2003.
- “The Froggers – Amphibian Research.” *Birdfish*, Newsletter of the Churchill Northern Studies Centre. Fall 2003.
- “How Do Blackpoll Warblers ‘Know’ When to Fatten?” *Birdfish*, Newsletter of the Churchill Northern Studies Centre. Fall 2003.

HONORS AND AWARDS

- Honorable Mention, 2001 Aubrey Gorbman Award, Division of Comparative Endocrinology. Society for Integrative and Comparative Biology
- Sigma Xi Master’s Degree Candidate Research Award, Virginia Tech, 1997
- Phi Beta Kappa (National Honor Society)
- Phi Kappa Phi (National Honor Society)
- Omicron Delta Kappa (National Leadership Honor Society)
- Chi Beta Phi (National Natural Science Honor Society)
- Phi Sigma (National Biological Science Honor Society)

SERVICE

University and Departmental Appointments

- Member, University Registrar Search Committee, Spring 2009
- Member, Plant Biologist Search Committee, Fall 2008
- Member, Student Life Council, 2006-2009 (Chair, 2007-2008)
- Member, Physicist Search Committee, 2007-2008
- Faculty Advisor, Hollins University Chapter of Omicron Delta Kappa, Fall 2007-present
- Member, Jack Kent Cooke Foundation Scholarship review committee, 2006-2007 academic year
- Member, Academic Policy Committee, 2003-2006 (Chair, 2005-2006)
- Faculty Lunch coordinator, 2003-2004 academic year
- Faculty representative, Alumnae Board, 2004-2005 academic year
- Departmental representative, Judith Gregory Smith Award Committee, 2004-2005 and 2005-2006 academic years
- Member, Plant Biologist Search Committee, Fall 2002
- Member, Biology Technician Search Committee, Summer 2002

Reviewer of Manuscripts and Grant Applications

- Journal of Ornithology, 2004, 2006
- Journal of Field Ornithology, 2005
- Guest Editor, Northeastern Naturalist, 2004-2005
- National Science Foundation, 2001
- The American Midland Naturalist, 1998
- Comparative Biochemistry and Physiology, 1997

Membership in Professional and Conservation Organizations

- American Ornithologists’ Union, 1996 to present
- Cooper Ornithological Society, 1998 to present
- Sigma Xi, 1996 to present (Hollins University chapter: vice president 2005-2006, president 2006-2007)
- Trout Unlimited, Roanoke Valley Chapter

REFERENCES

Available upon request