

Stephen Burnett
CURRICULUM VITAE
as of January 10, 2007

Discipline: Biology
Department of Natural Sciences
Clayton State University
Morrow, GA 30260

Rank: Associate professor
Tenure status: Tenured (8/2006)
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EDUCATION AND EXPERIENCE

DEGREES

Ph.D. 2001
The Ohio State University
Evolution, Ecology, & Organismal Biology

M.S. 1997
The Ohio State University
Zoology

B.A., *magna cum laude*, 1992
Carleton College
Biology

SPECIAL CERTIFICATIONS AND/OR DESIGNATIONS

Georgia DNR Scientific Collecting Permit

TEACHING EXPERIENCE AT THE UNIVERSITY LEVEL

Academic Positions

2006-Present Associate Professor of Biology, Department of Natural Sciences,
Clayton State University, Morrow, Georgia
2001-2006 Assistant Professor of Biology, Department of Natural Sciences,
Clayton State University, Morrow, Georgia
1995-2001 Graduate teaching and research assistant, Department of Evolution,
Ecology, and Organismal Biology, Ohio State University,
Columbus, Ohio.

Courses Taught

Clayton State University

BIOL1111OL Introductory Biology 1
BIOL1111L Introductory Biology 1 Lab
BIOL1112 Introductory Biology 2

BIOL1107	Principles of Biology 1
BIOL1107L	Principles of Biology Lab 1
BIOL1108	Principles of Biology 2
BIOL1108L	Principles of Biology Lab 2
BIOL1151	Human Anatomy & Physiology 1
BIOL1151L	Human Anatomy & Physiology Lab 1
BIOL1152	Human Anatomy & Physiology 2
BIOL1152L	Human Anatomy & Physiology Lab 2
BIOL3650	Comparative Vertebrate Anatomy
BIOL3650L	Comparative Vertebrate Anatomy Lab
BIOL3380	Evolution and Population Genetics
BIOL4201	Genetics
BIOL4222	Biology Research Practicum
BIOL4500	Biology Seminar
COMM1001	Presentational Speaking

FIELDS OF INTEREST

Bat echolocation, animal behavior, acoustic communication, evolution, psychoacoustics, biology and science education, conservation, biodiversity

INTELLECTUAL CONTRIBUTIONS

REFEREED JOURNAL PUBLICATIONS:

Sawyer, N.T. and Burnett, S.C. In press. Methods to discriminate echolocation calls between male and female big brown bats (*Eptesicus fuscus*). *Georgia Journal of Science*. 64: 163-176

Burnett, S.C. Under review. From the world wide flood to the world wide web. Creationism in the digital age. Submitted to *Reports of the National Center for Science Education* 11/2006

Burnett, S.C. and Masters, M.W. In prep. Computer software for automated analysis of bat echolocation calls. To be submitted to *Acta Chiropterologica*.

Grilliot, M.E. Burnett, S.C, and Mendonça, M.T. In prep. Sex and Seasonal Differences in the Echolocation Signals of the Big Brown Bat, *Eptesicus fuscus*. Submitted to *Animal Behaviour*, 3/2006.

Burnett, S.C., Fenton, M.B., Kazial, K.A., Masters, M.W., and McCracken, G.F. 2004. Variation in Echolocation: Notes from a Workshop. *Bat Research News*. 45: 187-197.

Bergdall, V., Burnett, S., Kazial, K., Mulliken, C., Monahan, C., and Masters, W.M. 2002. Treating mites in a bat colony: a case study. *Lab Animal*. 31: 43-45.

Burnett, S.C. and Masters, W.M. 2001. A laptop computer system for recording and analyzing bat echolocation calls. *Bat Research News*. 42(2): 3-5.

Burnett, S.C., Kazial, K.A., and Masters, W.M. 2001. Discriminating individual big brown bat (*Eptesicus fuscus*) sonar vocalizations in different recording situations. *Bioacoustics*. 11: 189-210.

Kazial, K.A., Burnett, S.C., and Masters, W.M. 2001. Individual and group variation in echolocation calls of big brown bats, *Eptesicus fuscus* (Chiroptera: Vespertilionidae). *Journal of Mammalogy*. 82: 339-351.

Masters, W.M., Raver, K.A.S., Kornacker, K., and Burnett, S.C. 1997. Detection of jitter in intertarget spacing by the big brown bat *Eptesicus fuscus*. *J. Comp. Physiol. A*. 181: 279-290.

PRESENTATIONS AT ACADEMIC CONFERENCES:

*Burnett, S.C., and Masters, W.M. 2006. EARS: Software for automated analysis of broadband digital recordings. Poster presented at the 36th Annual North American Symposium on Bat Research. 18-21 October, Wilmington, North Carolina.

*Masters, W.M. and Burnett, S.C. 2006. Automated extraction of echolocation calls from broadband digital recordings. Poster presented at the 36th Annual North American Symposium on Bat Research. 18-21 October, Wilmington, North Carolina.

*Grilliot, M.E., Burnett, S.C., and Mendonça, M.T. 2006. Do ultrasonic vocalizations of big brown bats (*Eptesicus fuscus*) influence mate selection? Poster presented at the 36th Annual North American Symposium on Bat Research. 18-21 October, Wilmington, North Carolina.

*Kenny, T.L., Kazial, K.A., and , Burnett, S.C. 2006. Is social information conveyed in the sonar calls of the little brown bat, *Myotis lucifugus*? Poster presented at the 36th Annual North American Symposium on Bat Research. 18-21 October, Wilmington, North Carolina.

Burnett, S.C. 2006. Examining acoustic behavior of bats in Georgia. Presentation at Georgia Bat Working Group Meeting. 8 September, Gordon College, Barnesville, Georgia.

*Sawyer, N.T. and Burnett, S.C. 2006. Differences in echolocation calls between male and female big brown bats (*Eptesicus fuscus*). Talk presented at the 16th Colloquium on Conservation of Mammals in the Southeastern United States. 17 February, Chattanooga, Tennessee.

Talk was presented by undergraduate student from Clayton State after performing research as part of BIOL4222.

*Grilliot, M.E., Burnett, S.C., and Mendonça, M.T. 2005. Big Brown Bat Ultrasonic Signals Differ when Used for Echolocation versus Mating. Poster presented at the 35th Annual North American Symposium on Bat Research. 19-22 October, Sacramento, California.

*Grilliot, M.E., Burnett, S.C., and Mendonça, M.T. 2004. Sex and Seasonal Differences in the Echolocation Signals of *Eptesicus fuscus*. Talk presented at the 34th Annual North American Symposium on Bat Research. 27-30 October, Salt Lake City, Utah.

*Grilliot, M.E., Burnett, S.C., and Mendonça, M.T. 2004. Does Reproductive State Affect Echolocation Signals in *Eptesicus fuscus*: A Preliminary Study. Talk presented at the Annual meeting of the Society for Integrative and Comparative Biology. 5-9 January, New Orleans, Louisiana.

Coltrain, P., Parren, R., and *Burnett, S.C. 2003. Local Schools as Partners in Bat Research. Poster presented at the 33rd Annual North American Symposium on Bat Research. 8-11 October, Lincoln, Nebraska.

Lead author of poster Poster was a CSU student who worked with me on a BIOL4222 research project.

*Grilliot, M.E., Burnett, S.C., and Mendonça, M.T. 2003. Does Reproductive State Affect Echolocation Signals in *Eptesicus fuscus*: A Preliminary Study. Talk presented at the 33rd Annual North American Symposium on Bat Research. 8-11 October, Lincoln, Nebraska.

Burnett, S.C. 2003. Computer recording and neural network analysis of bat echolocation calls. Workshop on Variation in Bat Echolocation. 12-13 April, Ohio State University, Columbus, Ohio.

*Burnett, S.C. and Masters, W.M. 2002. Identifying Bats Using Computerized Analysis and Artificial Neural Networks. Talk presented at the 32nd Annual North American Symposium on Bat Research. 6-9 November, Burlington, Vermont.

Burnett, S.C. 2002. Bioacoustics and bat echolocation. Presentation at Georgia Bat Working Group Workshop on Bat Monitoring. 19-20 July, Joseph W. Jones Ecological Research Center, Newton, Georgia.

*Masters, W.M., Miracle, G.E., Burnett, S.C., and Kazial, K.A. 2001. How the sonar calls of big brown bats change as call duration changes. Poster presented at the 31st Annual North American Symposium on Bat Research. 24-27 October, Victoria, British Columbia.

*Burnett, S.C. and Masters, W.M. 2000. A computer-based system for recording

and analysis of bat echolocation calls. Poster presented at the 30th Annual North American Symposium on Bat Research. 27-30 September, Miami, Florida.

*Burnett, S.C. and Masters W.M. 1999. The Use of Neural Networks to Classify Echolocation Calls of Bats. Talk presented at the 138th meeting of the Acoustical Society of America. 1-5 November, Columbus, Ohio.

Nelson, D.A., Gaunt, S.L.L., *Beeman, K, Bronson, C.L., Burnett, S.C., and Hough, G.E. 1999. The digital archiving project at the Borror Laboratory of Bioacoustics. Talk presented at the 138th meeting of the Acoustical Society of America. 1-5 November, Columbus, Ohio.

*Burnett, S.C. and Masters, W.M. 1999. The Use of Neural Networks to Classify Echolocation Calls of Big Brown Bats. Talk presented at the 29th Annual North American Symposium on Bat Research. 27-30 October, Madison, Wisconsin.

*Burnett, S.C. and Masters W.M. 1999. Censusing of Big Brown Bats by Examining Echolocation Calls with Artificial Neural Networks. Talk presented at the 36th Annual Meeting, Animal Behavior Society. 26-30 June, Bucknell, Pennsylvania.

*Burnett, S.C., Kazial, K.A. and Masters, W.M. 1998. Differentiating sonar calls of handheld & flying big brown bats (*Eptesicus fuscus*). Poster presented at the 28th Annual North American Symposium on Bat Research. 28-31 October, Hot Springs, Arkansas.

*Burnett, S.C., Kazial, K.A. and Masters, W.M. 1998. Discriminability of big brown bat echolocation calls by age, sex and individual. Poster presented at the 35th Annual Meeting, Animal Behavior Society. 18-22 July, Carbondale, Illinois.

*Burnett, S.C., Kazial, K.A. and Masters, W.M. 1998. Echolocation call descriptors that differentiate calls of handheld and flying big brown bats (*Eptesicus fuscus*). Poster presented at the 78th Annual Meeting, American Society of Mammalogists. 6-10 June, Blacksburg, Virginia.

*Burnett, S.C., *Kazial, K.A. and Masters, W.M. 1997. Echolocation call variability in the big brown bat (*Eptesicus fuscus*) associated with different recording methods. Poster presented at the Midwest Regional Animal Behavior Society Conference. 26-28 September, Columbus, Ohio.

*Halkin, S.L., Weaver, M., and Burnett, S.C. 1993. Are complex songs more stimulating to northern cardinals than simple songs? Talk presented at the American Ornithologists' Union annual meeting. Fairbanks, Alaska.

OTHER PRESENTATIONS:

Burnett, S.C. 2006. Bats and Echolocation in the Classroom. Talk presented at

the Teacher's Workshop held at the 36th Annual North American Symposium on Bat Research. 18-21 October, Wilmington, North Carolina.

Burnett, S.C. 2005. Echolocation in the Classroom. Talk presented at the Teacher's Workshop held at the 35th Annual North American Symposium on Bat Research. 19-22 October, Sacramento, California.

Burnett, S.C. 2004. Bats and Echolocation in the Classroom. Talk presented at the Teacher's Workshop held at the 34th Annual North American Symposium on Bat Research. 27-30 October, Salt Lake City, Utah.

Burnett, S.C. 2002. Bioacoustics and bat echolocation. Presentation at Georgia Bat Working Group Workshop on Bat Monitoring. 19-20 July, Joseph W. Jones Ecological Research Center, Newton, Georgia.

Burnett, S.C. 2002. Studies on Bat Echolocation. Presentation to the lab of Dr. Mary Mendonca, 5 April, Auburn University, Auburn, Alabama.

Burnett, S.C. 2001. Bat echolocation in the field and the laboratory. Seminar presented at Knox College, 13 February, Galesburg, Illinois.

Burnett, S.C. 2001. Bat echolocation in the field and the laboratory. Seminar presented at Rhodes University, 31 January, Memphis, Tennessee.

Burnett, S.C. 2001. Who am I? Bat echolocation in the field and the laboratory. Seminar presented at Wittenberg University, 9 January, Springfield, Ohio.

CONTRACTS AND GRANTS

NSF CCLI grant entitled "IBEAM: Integrative Biology Experimental Activity Modules". Co-PI with Drs. John Pratte, Tatiana Krivosheev, and Scott Reese. Awarded 1/30/06, \$84,810.

Applied for 2004 Teacher Improvement Grants with Dr. Chris Kodani through the University of Georgia – not awarded.

Applied for 2003 Teacher Improvement Grants with Dr. Chris Kodani through the University of Georgia – not awarded.

AWARDS AND SPECIAL RECOGNITIONS

Nominated for Clayton State's Alice Smith Faculty Award, 2006

Ohio State Preparing Future Faculty Fellow, 1999-2000

Nominated for EEOB Departmental Graduate Student Teaching Award, 1999

Election to Sigma Xi, the scientific research society, 1997

Ohio State University Fellowship, 1994-1995

PROFESSIONAL DEVELOPMENT

MEMBERSHIPS IN ACADEMIC AND PROFESSIONAL ORGANIZATIONS

Acoustical Society of America – 1997-present.
 American Association for the Advancement of Science – 1997-present.
 American Society of Mammalogists – 1997-present.
 Animal Behavior Society - 1997-present.
 Basically Bats (BBI) Wildlife Conservation Society – 2001-present.
 Board of directors of BBI – 2002- present
 (vice-president position, March 2003-present)
 Georgia Academy of Sciences – 2003-present.
 Georgia Bat Working Group – 2001-present.
 International Society for Behavioral Ecology – 1997-present.
 National Association of Biology Teachers – 2000-present.
 National Science Teachers Association – 2000-present.
 National Center for Science Education – 1998-present.
 North American Symposium on Bat Research – 1997-Present.
 Northeastern Bat Working Group – 1997-2001.
 Sigma Xi – 1997-present.
 Southeastern Bat Diversity Network – 2002-present.

ATTENDANCE AT ACADEMIC AND PROFESSIONAL MEETINGS (Does not include conferences listed under Intellectual Contributions.)

State of the Art in Biology (SOTAB) Conference. 27-28 January, 2006.
 University of Georgia, Athens, Georgia.

Strategies for Success Workshop. 12 November, 2005. Auburn, AL.

Training on the use of TurnItIn.com to prevent plagiarism on student assignments.
 4 May 2005. Training provided by the Center for Instructional Development at Clayton State University.

Connecting Through Creativity: Inspiring First-Year Students with your Student Development Course. 18 February, 2005, Workshop held at Clayton State University.

Strategies for Success Workshop. 5 February, 2005. Chattanooga, TN.

Using MATLAB in the life sciences. 6 April, 2004. Emory University, Atlanta, Georgia.

Ninth annual Southeastern Bat Diversity Network Meeting. 12-13 February, 2004. Unicoi State Park, Helen, Georgia.

State of the Art in Biology (SOTAB) Conference. 23-24 January, 2004.
University of Georgia, Athens, Georgia.

Pre-Health Advisors Conference. 25 September, 2003. Medical College of
Georgia, Augusta, Georgia.

NSF Outreach Conference. 13 February 2003. Columbus State University,
Columbus, Georgia.

State of the Art in Biology (SOTAB) Conference. 24-25 January, 2003.
University of Georgia, Athens, Georgia.

Pre-Health Advisors Conference. 27 September, 2002. Medical College of
Georgia, Augusta, Georgia.

SCI Technologies Labworks Learning System Workshop – Computers in the
Laboratory Classroom. 20 April, 2002. Clarkston, Georgia.

ISI Current Contents Connect Workshop. 2 April, 2002. Clayton State University
Library.

Seventh Annual Southeastern Bat Diversity Network Meeting. 21-22 February,
2002. Clemson, South Carolina

Strategies for Successful Classroom Interaction. 2 February, 2002. Gallatin,
Tennessee.

Biological Sciences TA Workshop: Grading Written Assignments in Biology
Labs and Lectures. 10 January 2001. Ohio State University, Columbus, Ohio.

Teacher's Roundtable: Promoting Deep Learning. 28 January 2000. Ohio State
University, Columbus, Ohio.

Second Annual North Eastern Bat Working Group Meeting. 2-3 November 1999.
Columbus, Ohio.

Biological Sciences TA Workshop: The Science of Undergraduate Biology
Education. 1 June 1999. Ohio State University, Columbus, Ohio.

Preparing Graduate Students for Professional Careers. 7 May 1999. Ohio State
University, Columbus, Ohio.

Dissertation Writing Workshop. 26 April 1999. Ohio State University,
Columbus Ohio.

Strategies for Successful Grantsmanship. 9 April 1999. Ohio State University,
Columbus, Ohio.

Copyright and Academic Honesty. 22 January 1999. Ohio State University, Columbus, Ohio.

Biological Sciences TA Workshop: Creation and Evolution in Teaching Biology. 27 October 1998. Ohio State University, Columbus, Ohio.

Connectionist Models of Cognition. 3-4 October 1998. Ohio State University, Columbus, Ohio.

Biological Sciences TA Workshop: Writing Instruction in the Science Classroom. 7 April 1998. Ohio State University, Columbus, Ohio.

Preparation for the Professoriate. 7 November 1997. Ohio State University, Columbus, Ohio.

ACADEMIC AND PROFESSIONAL ORGANIZATION ACTIVITIES

Book Reviewer/Referee/Evaluator

Reviewed three chapters from a new Anatomy and Physiology textbook to be published by Delmar Thomson Learning. May 2006.

Wrote a prescriptive review of the fifth edition of *Essentials of Genetics*, by Klug and Cummings. June 2005.

Reviewed a chapter from the 11th edition of *Principles of Anatomy & Physiology* by Gerard Tortora and Sandra Grabowski. January 2005.

Reviewed *Anatomy Revealed* CDROM by McGraw-Hill. October 2004.

Reviewed 5 chapters from the 11th edition of *Principles of Anatomy & Physiology* by Tortora and Grabowski. May 2004.

Reviewed 2 chapters from the 10th edition of Hole's Human Anatomy & Physiology by David Shier, Jackie Butler, and Ricki Lewis. December 2003

Reviewed entire text of 5th edition of *Biology: Concepts and Applications* by Cecie Starr. August 2003.

Reviewed five chapters from the 10th edition of *Principles of Anatomy & Physiology* by Gerard Tortora and Sandra Grabowski. July 2003.

Reviewed three chapters from an upcoming textbook: *Human Anatomy and Physiology: The Integration of Structure and Function*, by Lauralee Sherwood and Mark Nielsen. May 2003.

Reviewed the 2nd edition of the *ADAM Interactive Anatomy Student Lab Guide* by

Mark Lafferty and Samuel Panella. December 2002.

Reviewed a chapter from the 2nd edition of *The Human Body: Concepts in Anatomy and Physiology* by Bruce Wingerd. November 2002.

Paper Reviewer/Referee/Evaluator

Reviewed a grant proposal for the NSF International Research Fellowship Program – 2006

Reviewed manuscript for *Journal of Mammalogy* – 2001

Session Chair/Panel Discussant

Session Chair – Concurrent Session of Student Presentations at 35th Annual North American Symposium on Bat Research. 19-22 October, 2005. Sacramento, California.

Session Chair – Session on Bat Ecology and Sampling at 9th Annual Meeting of Southeastern Bat Diversity Network/14th Colloquium on the Conservation of Mammals in the Southeastern United States. February, 2004. Unicoi State Park, Helen, Georgia

CONSULTING

Griffin RESA. Served as one of five Science faculty who ran a workshop for teachers entitled “Learning Ecology Through Inquiry” June 6-9, 2005.

Borror Laboratory of Bioacoustics, January 2004 – 2005. Consultant developing software for ongoing project to convert the laboratory’s files from analog to digital format.

Served as one of four Science faculty who ran the summer camp funded by the Nursing program for at-risk students. June 2003, 2004, 2005, and 2006.

Served on Content Review Panel for the Georgia Professional Standards Commission. August 2003 and August 2005.

Engineering Design, Summer 1998-present. Web page development, software testing, and software development.

SERVICE ACTIVITIES

UNIVERSITY AND SCHOOL COMMITTEE ASSIGNMENTS

Member, Faculty Council, August 2004-present
 Member, University IRB, August 2006-present
 Co-chair, A&S IACUC, August 2006-present

Member, Graduate Application Appeal Committee – February 2004-present
 Chair, Biology Search Committee for Organismal Biologist – 2007
 Member, Advisory Committee on Campus Life – January 2004 - May 2006
 Chair Advisory Committee on Campus Life – September 2004 - May 2006
 Member, Biology Search Committee for Organismal Biologist – 2006
 Member, Health Sciences Dean Search Committee – 2005
 Chair, Biology Search Committee for Microbiology and Developmental Biologist
 – 2005
 Member, Biology A&P Search Committee – 2005
 Distribution Manager for Cygnet Magazine – April 2004-present
 Point of Contact for Biology Program – April 2003-April 2004
 Member, Biology Search Committee – 2004
 Member, Chemistry Search Committee – 2004
 Chair, Biology Search Committee – 2003
 Chair, Departmental Program Assessment Committee – 2002-present
 Member, Department Pre-Medical Advising Committee – 2002-present
 Member, Biology Lab Instructor Search Committee – 2002
 Co-advisor to Clayton State Science Association – 2002-present
 Web master for Department of Natural Sciences, December 2001-2003

FACULTY MENTORING

Mentor to Barbara Musolf, Assistant Professor of Biology, August 2006-present
 Peer mentor for Department of Health Sciences. Observed lecture by Dr. Matt Parrott on 7 December 2006.
 Mentor to James Joy, Instructor of Biology, 2006
 Mentor to Hamid Elhag, Instructor of Biology, August 2005 – present
 Mentor to Renee Samuel, Instructor of Biology, August 2002 – present
 Mentor to Jonathan Lindzey, Assistant Professor of Biology, January 2004-May 2005
 Mentor to Amy Wolf, Instructor of Biology, December 2001 – Spring 2002

In addition to mentoring duties, I have helped part-time and full-time faculty with web page development (including posting part-time faculty web sites) and I provided mentoring to Dr. Lindzey and Dr. Todebush on student advisement and curriculum issues in March 2004.

COMMUNITY SERVICE RELATED TO THE FIELD OF EXPERTISE

Visits to schools:

Travel to various schools to provide educational presentations. The presentation includes slides and discussion of bats, their ecology and behavior, as well as the myths that surround them. Live bats are sometimes used, so students can see what the bats actually look like and how they behave. All presentations were invited by the school, and involved from one to three full classes of children (ranging from preschool to 12th grade).

Baker Elementary School, Acworth, Georgia. 13 December, 2006. Invited speaker on bats to four classes of 2nd graders.

Sope Creek Elementary School, Marietta, Georgia. 8 December, 2006. Invited speaker on bats to two classes of gifted 2nd graders.

Sope Creek Elementary School, Marietta, Georgia. 4 December, 2006. Invited speaker on bats to three classes of gifted 3rd graders.

Roberts Elementary School, Dallas, Georgia. 14 November, 2006. Invited speaker on bats to four classes of students (2nd graders).

Pitner Elementary School, Acworth, Georgia. 31 October, 2006. Invited speaker on bats to class of gifted students (2nd and 3rd graders).

Mt. Bethel Elementary School, Marietta, Georgia. 27 October, 2006. Invited speaker on bats to class of gifted students (2nd graders).

Sagamore Hills Elementary School, Atlanta, Georgia. 24 October, 2006. Invited speaker on bats to 4 classes of kindergarten students.

Blackwell Elementary School, Marietta, Georgia. 10 October 2006. Invited speaker for presentation on bats to class of gifted students (2nd graders).

Garrison Hills Elementary School, Marietta, Georgia. 10 April 2006. Invited speaker for presentations bats to two classes of gifted students (1st and 2nd grade students).

Forrest Hills Elementary School, Decatur, Georgia. 24 March 2006. Invited speaker for presentations bats to two classes of 2nd grade students.

Sagamore Hills Elementary School, Atlanta, Georgia. 30 January 2006. Invited speaker for presentations bats to two after school programs. Students ranged in age from pre-K to 3rd grade (approximately 60 students total).

Cheatham Hill Elementary School, Marietta, Georgia. 17 November 2005. Invited speaker for a presentation on bats to four classes of gifted students (approximately 72 students total).

Kennesaw Elementary School, Kennesaw, Georgia. 4 November 2005. Invited speaker for a presentation on bats to two classes of gifted students.

Sagamore Hills Elementary School, Atlanta, Georgia. 3 November 2005. Invited speaker for four presentations on bats. Presentations were to students ranging in age from kindergarten to third grade, approximately 150 students total.

Montessori School of Rome, Rome, Georgia. 7 October 2005. Invited speaker for two presentations on bats. One presentation 1st-3rd grades students, second to 4th-6th grade students.

Moreland Elementary School, Moreland, Georgia. 8 March 2005. Invited speaker for presentation on bats to two classes of Pre-K students.

Garrison Mill Elementary, Marietta, Georgia. 3 February 2005. Invited speaker for presentation on bats to first grade and second grade gifted program students.

Sope Creek Elementary School, Marietta Georgia. 15 December 2004. Invited speaker for presentation on bats to the school's 3rd grade gifted program.

Sope Creek Elementary School, Marietta Georgia. 10 December 2004. Invited speaker for presentation on bats to the school's 2nd grade gifted program.

Public presentations on bats to Cub Scout Troop, in Fayetteville, Georgia. 16 November, 2004.

Oglethorpe Point Elementary School, St. Simons Island, Georgia. 20 January 2004. Invited speaker for presentation on bats to the school's science club.

Druid Hills High School, Atlanta, Georgia, 11 December 2002. Invited speaker for presentation on bats to the school's chapter of the science honor society.

Joyland Preschool, Dublin, Ohio, August, 2001. Invited speaker for presentation on bats to a group of pre-school students.

Bexley Child Care Center, Columbus, Ohio, April, 2001. Invited speaker for presentation on bats to a group of pre-school students.

Richard Avenue Elementary, Grove City, Ohio, December, 2000. Invited speaker for presentation on bats to two groups of 3rd-4th grade students.

Richard Avenue Elementary, Grove City, Ohio, October, 2000. Invited speaker for presentation on bats to two groups of 1st-3rd grade students.

Delaware Boy Scout Troop, Delaware, Ohio, January, 2000. Invited speaker for presentation on bats to a local Boy Scout troop.

Delwood School, Delaware, Ohio, November, 1999. Invited speaker for presentation on bats to a group of 20 students in grades K through 10.

Wyandot Run Elementary School, Delaware, Ohio, 22 October, 1999. Invited speaker for presentations on bats to six 1st grade classes.

Bluffsvie Elementary School, Worthington, Ohio, November 1998. Invited

speaker for presentation on bats to three 3rd grade classes.

Greensview Elementary School, Columbus, Ohio, November 1997. Invited speaker for a presentation on bats to 6th grade classes

Greensview Elementary School, Columbus, Ohio, December 1996. Invited speaker for a presentation on bats to three 6th grade classes.

Cassady Elementary School, Columbus, Ohio, October 1996. Invited speaker for presentation on bats to a class of 3rd graders.

Other presentations:

Guest lecturer in MUSC 4710. November 7th, 2006. Presentation on human musculoskeletal system to Piano Pedagogy class.

Two public presentations about bats at Oxbow Meadows Environmental Learning Center at Columbus State University in Columbus, GA. Sunday Oct 8, 2006.

Biology Representative at CSU Open House Event, 7 October, 2006.

Public presentations on bats at the Dunwoody Nature Center 'Park after Dark' event, in Dunwoody, Georgia. 7 October, 2006.

Participant in the 2006 Wetlands and Watershed Festival of the Clayton County Water Authority at CCWA Wetlands in Jonesboro, Georgia, 26 August 2006.

Public presentations on bats at Peachtree Elementary "Science Night." I gave two presentations to groups of students and their parents. 27 October, 2005.

Public presentations on bats at the Dunwoody Nature Center "Park after Dark" event, in Dunwoody, Georgia. 8 October, 2005.

Public presentation on evolution entitled "Evolution in the Modern Age" at monthly meeting of the Humanists of Georgia in Roswell, Georgia, 25 September 2005.

Public presentation on bats at the Michael C. Carlos Museum at Emory University. 16 September 2005.

Participant in the 2005 Wetlands and Watershed Festival of the Clayton County Water Authority at CCWA Wetlands in Jonesboro, Georgia, 27 August 2005.

Presentation entitled "Anatomy, Physiology, and Fencing" at Nellya Fencers Elite Training Camp at Atlanta International School, 21 July 2005.

Public presentations on bats to three different groups of summer camp students at

the Dunwoody Nature Center, in Dunwoody, Georgia. 19 July, 2005.

Public presentations on bats to the Southern Wings Bird Club, in Marietta, Georgia. 11 July, 2005.

Presentation on bats to six Girl Scout troops at a day camp in Lawrenceville, Georgia. 21 June 2005.

Public presentations on bats at the Dunwoody Nature Center, in Dunwoody, Georgia. 12 March, 2005.

Biology Representative at CSU Open House Event, 13 November, 2004.

Public presentation on bats at the National Wild Turkey Federation Headquarters in Edgefield, South Carolina, 8 November, 2004.

Public presentations on bats at the Dunwoody Nature Center, in Dunwoody, Georgia. 9 November, 2004.

Public presentations on bats to the Midtown Rotary Club in Atlanta, Georgia. 26 October, 2004.

Guest lecturer in BIOL 3400. October 12th and 19th, 2004. Talk entitled "Bats and Business"

Guest lecturer in MUSC 4710. October 19th, 2004. Presentation on human musculoskeletal system to Piano Pedagogy class.

Public presentation on bats at Wild Birds Unlimited Store in Snellville, Georgia, 16 October 2004.

Public presentation on bird biology and behavior at Wild Birds Unlimited Store in Snellville, Georgia, 25 September 2004.

Participant in the 2004 Wetlands and Watershed Festival of the Clayton County Water Authority at CCWA Wetlands in Jonesboro, Georgia, 28 August 2004.

Public presentation on bats to the Atlanta Audubon Society in Atlanta, Georgia, 12 August 2004.

Two public presentations on bats at the Dunwoody Nature Center summer camp, in Dunwoody, Georgia, 29 July 2004.

Public presentation on bats at the Clayton County Water Authority Wetlands in Jonesboro, Georgia, 11 June 2004.

Bat house building demonstration with the Clayton State Science Association

during the Earthday celebration at Reynold's Nature Preserve in Morrow, Georgia. 17 April 2004.

Public presentations on bats at the Dunwoody Nature Center, in Dunwoody, Georgia. 13 March, 2004.

Public presentation on bats at the Southern Conservation Trust Headquarters in Peachtree City, Georgia, 3 February, 2004.

Public presentation on bats at the National Wild Turkey Federation Headquarters in Edgefield, South Carolina, 7 November, 2003.

Lecturer at Clayton State Science Association Meeting. Presented a talk called "I'm Batty About Bats". 4 November, 2003.

Public presentation on bats at monthly meeting of the Humanists of Georgia in Roswell, Georgia, 26 October, 2003.

Public presentation on bats during the "Center After Dark" event at the Lamar Q. Ball Raptor Center at Georgia Southern University in Statesboro, Georgia, 25 October, 2003.

Fernbank Natural History Museum. Featured speaker at the museum's "Bugs, Bats, and Bones" family day event. 25 October 2003.

Participant in the 2003 Wetlands and Watershed Festival of the Clayton County Water Authority at CCWA Wetlands in Jonesboro, Georgia, 6 September 2003.

Public presentation to the Humanists of Georgia entitled "Creationist Arguments Old and New" in Roswell, Georgia, 22 June 2003.

Devil's Den State Park, West Fork, Arkansas. June 13-15, 2003. Featured speaker at the park's 14th annual "Bat-O-Rama" Event.

Public presentation on bats at the Clayton County Water Authority Wetlands in Jonesboro, Georgia, 9 May 2003.

Public presentation on bats at the National Wild Turkey Federation Headquarters in Edgefield, South Carolina, 25 October, 2002.

Public presentation on bats at the Clayton County Water Authority Wetlands in Jonesboro, Georgia, 18 October, 2002

Participant in debate with Dr. Kent Hovind (a prominent young-earth creationist) entitled "Creation or Evolution" at Vineyard Baptist Church in Griffin, Georgia. 30 March, 2002.

Guest lecturer in BIOL 4555. March 2002. Talk entitled “Do you hear what I hear? Studying bat echolocation.”

Lecturer at Clayton State Science Association Meeting. Presented a talk called “Bats, Bats, Bats”. September, 2001.

Madison Water and Soil Conservation Society, London, Ohio, November, 2000. Invited speaker for presentation on bat conservation at the organization's yearly banquet.

Preservation Parks Nature Fest, Spring 1998, Spring 1997, Spring 1996, Spring 1995

This event is held each spring at Ohio Wesleyan University to help educate the public about opportunities to explore Ohio's natural resources. At these events, I tried to provide some basic education about bats to dispel some of the common myths. General bat information and a live bat were used to educate people.

Other community service:

Judge, Fayette County High School Science Fair, 2 December 2006

Judge, Clayton County Regional Science and Engineering Fair. 11 February 2006

Judge, Henry County High School Science Fair, 10 February 2006

Judge, Fayette County High School Science Fair, 3 December 2005

Member of graduate committee for Matthew Grilliot, a student earning a Ph.D. at Auburn University, Auburn, AL. February 2003 – present.

Member of graduate committee for Jeffrey Compton, a student earning an M.S. at Georgia College and State University, Millidgeville, GA. November 2004 – January 2005.

Member of Board of Directors, Basically Bats Wildlife Conservation Society, Inc. March 2002-Present.

Elected to vice-president and editor of the BBI newsletter, March 2003.

Working with Georgia DNR and Georgia Department of Health to re-write state regulations concerning bat care and exhibition. 2001-2003.

Judge, Clayton County Regional Science and Engineering Fair. 5 March 2005

Judge, Fayette High School Science Fair. Fayetteville, Georgia. 4 December 2004.

Judge, Clayton County Regional Science and Engineering Fair. 28 February 2004

Judge, Henry County High School Science Fair. Stockbridge, Georgia. 30 January 2004.

Judge, Fayette County Science and Engineering Fair. Fayetteville, Georgia. 27 January 2004.

Judge, Georgia State Science and Engineering Fair. Athens, Georgia. 5 April 2003

Judge, Clayton County Regional Science and Engineering Fair. 1 March 2003

Member, Clayton County Regional Science Fair Scientific Review Board, 2002 - present

Judge, Henry County-Wide High School Science Fair, 31 January 2003

Judge, Henry County-Wide Middle School Science Fair, 30 January 2003

Judge, Henry County High School Science Fair, 16 January 2003

Judge, Fayette County High School Science Fair, 7 December 2002

Judge, Clayton County District Science and Engineering Fair. 2 March 2002

Judge, Henry County Science Fair, 8 February 2002

Judge, Fayette County High School Science Fair, 10 December 2001