

## JANICE SCHNAKE GREENE

### Education

Bachelor of Science in Education. Southwest Missouri State University. Springfield, Missouri.  
May, 1983. Teacher certification: Biology 9-12, General Science 7-9, Chemistry 9-12.

Master of Science. Southwest Missouri State University. Springfield, Missouri. July, 1987.  
Thesis: A comparison of genetic differentiation among populations of two species of mice (Peromyscus).

Doctor of Philosophy. Texas A&M University. College Station, Texas. December, 1992.  
Dissertation: An evaluation of volunteerism in Project Learning Tree and Project WILD in Texas.

### Experience

1983-85. Teacher. LaMonte High School. LaMonte, Missouri. Seventh and eighth grade science, general science, physical science, biology I and II, chemistry.

1985-87. Graduate Assistant. Southwest Missouri State University. Springfield, Missouri.  
General biology labs.

1987-88. Teacher. Lebanon Junior High School. Lebanon, Missouri. Ninth grade biology and general science.

1988 - 1991. Graduate Assistant. Texas A&M University. Undergraduate recruiting and teaching assistant.

1992 - 1993. Conservation Educator. Rob and Bessie Welder Wildlife Foundation. Sinton, Texas.

1993 - 1998. Assistant Professor. Department of Biology, Southwest Missouri State University. Springfield, Missouri.

1998 - 2004. Associate Professor. Department of Biology, Southwest Missouri State University. Springfield, Missouri.

2002 – present. Director, Bull Shoals Field Station. Southwest Missouri State University. Springfield, Missouri.

2004 – present. Professor. Department of Biology, Missouri State University. Springfield, Missouri.

## **Selected Grants**

- Wilbers, A., and J. S. Greene. 2001. \$2050. Forestry assessment, management and land use practices within the James River Basin Watershed. James River Basin Partnership.
- Greene, J., and B. Greene. 2002. \$32,326. FIELDS Project: Field Instructional Experiences in Lesson Development in Science. Eisenhower Professional Development Program. Missouri Coordinating Board for Higher Education.
- Greene, J, J. Havel, and M. Dickerson. 2002. \$7,917. Environmental education workshop at Bull Shoals Field Station. U.S. Environmental Protection Agency.
- Greene, J., and E. Redd. 2004. \$42,000. National Science Foundation. Facilities improvement at the Bull Shoals Field Station.
- Greene, J. 2004 – 2008. \$97,933. Water quality monitoring of Beaver Creek and Bull Shoals Lake. Upper White River Basin Foundation.
- Bowles, B. and J. Greene. 2008. \$6740. Upper White River Basin Monitoring Plan. Upper White River Basin Foundation.
- Bowles, B. and J. Greene. 2008. \$23,137. Upper White River Basin Macroinvertebrate Monitoring. Upper White River Basin Foundation.
- Greene, J. and C. Prussia. 2009. \$11,000. Green Leadership Academy for Diverse Ecosystems. Greater Ozarks Audubon Society
- Bowles, B., and J. Greene. 2009. \$61,101. Renovation of a wet laboratory at Bull Shoals Field Station. National Science Foundation.
- Bowles, B., and J. Greene. 2009. \$23,137. Upper White River Basin Macroinvertebrate Monitoring. Upper White River Basin Foundation.
- Cox, E., and J. Greene. 2010. \$103,383. Improving nonpoint source pollution education through Project WET workshops. Missouri Department of Natural Resources.
- Bowles, B., and J. Greene. 2010. \$23,137. Upper White River Basin Macroinvertebrate Monitoring: Year 3. Upper White River Basin Foundation.
- Prussia, C. and Greene, J. 2010. \$14,200. Green Leadership Academy for Diverse Ecosystems: Year 2. Greater Ozarks Audubon Society.
- Greene, J. 2011 \$16,900. Green Leadership Academy for Diverse Ecosystems: Year 3. Greater Ozarks Audubon Society.

Cox, E., and J. Greene. \$103,383. Improving nonpoint source pollution education through Project WET workshops. Missouri Department of Natural Resources.

Cox, E., and J. Greene. \$206,200. Interpretation and Communication of Ecological Monitoring in the NPS Heartland Network. National Park Service.

### **Selected Professional Activities**

Member, Human Subjects Review Committee. Missouri State University. 1996 - present.

Missouri Coordinator for the Leopold Education Project. 1998-2008.

Commissioner, Missouri Clean Water Commission. 2000 – 2004.

Chair of Role and Status of Women in Biology Education Section of the National Association of Biology Teachers. October, 2002 – October, 2003, Chair-elect 2004-2005, Chair, 2005-2006.

Reviewer of National Science Foundation grant proposals. July, 2005; May, 2006, June 2008.

Reviewer for *American Biology Teacher* journal. 2002 – present.

Tree City USA Committee, City of Springfield, Missouri. 2006 – 2012; Chair, Tree City USA Advisory Committee, City of Springfield, Missouri. 2011 – 2012.

James River Basin Partnership Board. 2006 – present. President, James River Basin Partnership Board. 2009 – 2012.

### **Selected Invited Presentations**

Environment and the Human Spirit. English Week panel on the effects of pollution. Southwest Missouri State University. March, 2003.

Water quality: Concerns and realities in southwest Missouri. Environmental Forum. Southwest Missouri State University. April 23, 2003.

Greene, J. October, 2006. Resources for Educating About Water. Arkansas Watershed Conference. Fayetteville, AR.

Greene, J. March, 2008. Aldo Leopold: His life and interest in birds. Greater Ozarks Audubon Society. Springfield, MO.

Greene, J., and D. Allen. September, 2008. Effects of attendance at a county watershed festival on 5<sup>th</sup> graders knowledge and attitudes. James River Basin Partnership Board Retreat. Springfield, MO.

Greene, J. March, 2009. From small brains to Nobel Prizes: A look at women in the sciences. Women in History Month Presentation. Missouri State University. Springfield, Missouri.

Greene, J. August and October, 2009. Integration of the environment into the classroom. Springfield Public Schools science teacher inservice training. Springfield, MO.

Greene, J. November, 2011. Can Nature Heal Itself? Evangel University Conference Day. Evangel University.

Greene, J. November, 2011. Nature and the Human Condition. Public Lecture Series, College of Natural and Applied Sciences, Missouri State University.

### **Selected Professional Presentations**

Saunders, G., and J. Greene. 2002. It's not fair! A simulation of the roles of mutation and chance in natural selection. National Association of Biology Teachers Annual Conference. Cincinnati, Ohio.

Greene, J., and G. Gray. 2002. Who led the way? Integrating the past with the present. Missouri Conference on Environmental Education. Osage Beach, Missouri.

Greene, J., T. McPheeters, K. Fields, and W. Rapp. 2003. FIELDS Project: Field Instructional Experiences in Lesson Development in Science. National Association of Biology Teachers. Portland, Oregon.

Rapp, W., and J. S. Greene. 2004. Amphibians in the Classroom: An Issues-Based Approach. National Association of Biology Teachers. Chicago, Illinois.

Greene, J. 2005. Knowing Where You Live: Getting students to understand their world. National Association of Biology Teachers Annual Conference. Milwaukee, Wisconsin.

Bowles, B., C. Prussia, and J. Greene. 2007. Beaver Creek and Upper Bull Shoals Lake water quality monitoring project. Poster Presentation. Missouri Natural Resources Conference. Lake of the Ozarks, Missouri.

Greene, J. 2007. Growing, Growing, Gone? A population and resources lesson plan. Science Teachers of Missouri Fall Conference (In cooperation with the Missouri Environmental Education Association). Jefferson City, Missouri.

Frey, T., J. Greene, H. Neill, and D. Allen. 2008. County Watershed Festivals: Teaching 5<sup>th</sup> graders about local water issues. North American Association for Environmental Education Annual Conference. Wichita, KS.

Greene, J. 2008. Send Them Outside: Improving Scores, Skills and Attitudes. Academy for Educational Studies - Rethinking Education: Is it time for radical change in the public schools? Branson, Missouri.

Greene, J. 2008. BRRR! How plants and animals deal with winter. Missouri Environmental Education Association Annual Conference. St. Louis, Missouri.

Greene, J. September, 2010. Green Leadership Academy: High school students and habitat restoration. North American Association for Environmental Education Annual Conference. Niagra, New York.

### **Selected Publications**

Greene, J. S., and T. Tamme. 2001. The ups and downs of frogs. *Science Activities*. 38(2):12-16.

Greene, J. S. 2002. *Amphibians and Reptiles: A Teacher's Activity Guide*. Published and distributed by Missouri Department of Conservation.

Greene, J. S., and B. D. Greene. 2004. Using amphibians and reptiles to teach the process of science. Republished in special edition on inquiry learning. *Science Activities*.

Greene, J. 2006. Reading the Landscape: Strategies for helping students become curious observers of relationships and processes in nature. *Green Teacher*. 78:30-32.

Wilbers Lueckenotto, A., and J. Greene. (Winter 2009-2010). For Slugs Sake: Making a refuge for slugs, bugs & other invertebrates. *Green Teacher*. 87:23-26.