

## SHARI L. BRITNER

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### EDUCATION

**Ph.D. Candidate in Science Education**, Division of Educational Studies, Emory University, Atlanta, GA.

Empirical paper: *Moral Orientation of Grade 7 Students: Responses to Environmental Dilemmas*.  
Comprehensive paper: *The Ethic of Justice and the Ethic of Care in Environmental Ethics: A Review of the Literature*. Dissertation: *Science Motivation of African American Middle School Students: Relationship to Science Achievement, Gender, and Gender Orientation* (Proposal approved, 3/22/01). Major fields: science self-efficacy, middle school science, moral orientation in environmental ethics. Expected graduation, May 2002.

**M.Ed. in Middle Grades Education**, 1987, Georgia State University, Atlanta, GA.

Major fields: science, reading.

**B.A. in Early Childhood and Elementary Education**, 1977, Eckerd College, St. Petersburg, FL..

### PUBLICATIONS

#### Articles and Chapters

Britner, S. L., & Pajares, F. (in press). Self-efficacy beliefs, race, gender, and gender orientation in middle school science. *Journal of Women and Minorities in Science and Engineering*.

Britner, S. L. (2000). Teaching multiple intelligences in a seventh grade science classroom. In R. Sheppard (Ed.), *Perspectives from the Classroom* (pp. 41-44). Atlanta, GA: Georgia Middle School Association.

Pajares, F., Britner, S. L., & Valiante, G. (2000). Writing and science achievement goals of middle school students. *Contemporary Educational Psychology*, 25, 406-422.

Britner, S. L. (Fall, 1999). The human relationship with nature: A review. *Counseling and Human Development Newsletter*, 18(2), 9-10.

**Articles** - under review by refereed journals or in preparation

Britner, S. L. (2001). Moral orientation and environmental ethics: The case for care and justice.

Britner, S. L. (2001). Environmental ethics in middle grades students: Analysis of the moral orientation of student responses to environmental dilemmas.

## PRESENTATIONS

Britner, S. L. (2001, October). *Moral orientation and environmental ethics: The case for care and justice*. Paper to be presented at the meeting of the Association for Moral Education, Vancouver, Canada.

Britner, S. L. (2000, July). *Moral orientation in environmental reasoning: The effect of gender and race*. Paper presented at the meeting of the Association for Moral Education, Glasgow, Scotland.

Britner, S. L. (2000, June). *The ethic of care in students' responses to environmental situations*. Paper presented at the International Symposium on Society and Resource Management, Bellingham, WA.

Britner, S. L. (2000, April). *Adolescent voices in environmental ethics*. Paper presented at the meeting of the National Science Teachers Association, Orlando, FL.

Britner, S. L. (1999, November). *Care in environmental ethics: Perspectives of middle grades students*. Paper presented at the meeting of the Association for Moral Education, Minneapolis, MN.

Britner, S. L. (1999, October). *The ethic of care in seventh grade: Students' responses to environmental dilemmas*. Paper presented at the meeting of the Georgia Educational Research Association, Morrow, GA.

Britner, S. L. (1999, April). *Moral voices in environmental education: The relationship to gender and gender orientation*. Paper presented at the meeting of the American Educational Research Association, Montreal, Canada.

Britner, S. L., & Pajares, F. (1999, April). *Science self-efficacy, motivation constructs, and science achievement of seventh grade students*. Poster session at the meeting of the American Educational Research Association, Montreal, Canada.

Britner, S. L., & Graham, L. (1999, April). *Science goals of seventh grade students: Relation to motivation constructs, achievement, race, and gender*. Paper presented at the meeting of the American Educational Research Association, Montreal, Canada.

*Integrating mathematics and science in the classroom*. (1993, November). Workshop at the Science and Mathematics Conference, Clark Atlanta University, Atlanta, GA.

*Interdisciplinary approaches to teaching science and mathematics*. (1992, November). Workshop at the Science and Mathematics Conference, Clark Atlanta University, Atlanta, GA.

## INVITED ADDRESSES AND SYMPOSIA

Session chair. (2001, February). *Cultural and gender identity development in the educational setting*. Dogwood Conference, Atlanta, GA.

Closing remarks. (1997, February). The State of American Education Address, by Secretary of Education Richard W. Riley. Carter Center, Atlanta, GA.

*National Board Certification*. (1994, May). Workshop at the meeting of the Georgia Association for Educators, Atlanta, GA.

## HONORS AND AWARDS

Emory University Fellowship, \$14,000/year, 1999-2002.

Emory University, Full tuition scholarship, \$24,000/year, 1997-2002.

American Association of University Women, Career Development Grant, \$2000, 1998/99.

AT&T Grant for classroom teachers, 1997.

Kay Crouch Scholarship, Kappa Delta Pi, Georgia State University, 1993.

National Honor Roll of Teachers, Association of Science and Technology Centers, 1991.

American Chemical Society Grant, 1990.

## COLLEGE TEACHING EXPERIENCE

2000 - Present Graduate Instructor, Emory University, Atlanta, GA.

1996 - Present Adjunct Professor, Mercer University, Atlanta, GA.

## Courses Taught

### *Instructor*

Summer 2001	Investigative Science (EDSC 673), Mercer University.
Summer 1999-Fall 2001	Advanced Teaching of Science: MG/SEC (EDUC 672), Mercer.
Spring 2001	Natural Science Instruction (EDS 433), Emory University.
Spring 2000	School Issues Seminar: Science (EDS 572G), Emory.
Winter 1997	Educational Psychology (EDUC 357), Mercer.
Fall 1996	Human Development (EDUC/PSYC 221), Mercer.
Spring 1996	Science for EC/MG (EDUC 353/354), Mercer.

### *Teaching Assistant*

Fall 2001	Child and Adolescent Development and Education (EDS 302), Emory.
Summer 2001	Psychology of Teaching and Learning (EDS 502), Emory.
Summer 2001	Computer Applications in English (EDS 555), Emory.
Summer 1999	Computer Applications in Science (EDS 555), Emory.
Summer 1998	Natural Science: EC (EDS 523E), Emory.

## CERTIFICATION

National Board for Professional Teaching Standards, Early Adolescent/Generalist Certification, 1994.  
State of Georgia, T-5 (Grades 4-8) and T-4 (Grades 1-8).

## **PUBLIC SCHOOL TEACHING EXPERIENCE**

- 1990-1999 Snapfinger Academy of Mathematics, Science and Technology, DeKalb County, Atlanta, GA. Grades 6 & 7, science. Taught authentic assessment in-service, 1999; Mentorship program for at-risk students, 1992-1997; Participated in International Water Project, 1996/97; County science representative, 1996/97, 1991/92; Science Olympiad Coach, 1990-1999; Participant in Georgia Initiative in Mathematics and Science Professional Development School with Georgia State University, 1994/95; Environmental Committee Co-chair, 1992/93; DeKalb County Science Curriculum Revision Committee, 1990.
- 1981-1990 Wadsworth Elementary, DeKalb County, Atlanta, GA. Science, Grades 3, 4, 6, 7. Science Olympiad Coach, 1985-1990; DeKalb County Science Curriculum Revision Committee; Science test-item writing for Educational Testing Service (ITBS); Taught various science in-service workshops; County science representative.

## **PROFESSIONAL DEVELOPMENT**

### **Service**

- Newsletter Editor, AERA, Moral Development and Education SIG, 2000/01.
- Reviewer of conference proposals:
- AERA 2002, Division C, Sections 3 and 5.
  - AERA 2002, Moral Development and Education SIG.
  - AERA 2000/01, Environmental & Ecological Education SIG.
  - Dogwood Conference, 2001, Atlanta, GA,
- Graduate Student Chair, Skypek Lecture Series, Emory University, 2000.
- Supervision of pre-service teachers, Emory University, 1999/00.
- Member, DAST degree committee, Emory University, 1999/00.
- Board member, Educational Foundations Chair, American Association of University Women, Atlanta, GA branch, 1998-2000.
- Steering Committee, Eisenhower National Clearinghouse for Mathematics and Science, 1998-2001.
- Board of Examiners, Georgia Professional Standards Commission, 1995-2001.
- National Board for Professional Teaching Standards: Standard Setting Panel, Greensboro, NC, 1995.
- Pilot test for Early Adolescent/Generalist Certification, 1993.
- Georgia Initiative in Mathematics and Science, Professional Development School, 1993-1995.

### **Continuing Education**

- SAS Programming I: Essentials. SAS Institute, Atlanta, GA. June, 2000.
- Introduction to Biology, Georgia State University, 1989.
- Physical Geology, Georgia State University, 1989.
- Historical Geology, Georgia State University, 1988.

### **Software Programs**

- SAS, HTML, WordPerfect, Microsoft Word, Powerpoint.

## AFFILIATIONS

National Association for Research in Science Teaching (NARST)  
National Science Teachers Association (NSTA)  
American Educational Research Association (AERA)  
Georgia Educational Research Association (GERA)  
American Association of University Women (AAUW)  
Association for Moral Education (AME)  
Georgia Middle School Association (GMSA)

## REFERENCES

- Dr. Donald Riechard**, Associate Professor, Emory University, 5715 Four Winds Drive, Lilburn, GA, 30047.  
Tel: (770) 923-4861. Email: driecha@emory.edu.
- Dr. Frank Pajares**, Winship Distinguished Research Professor, Emory University, Division of Educational Studies, 1784 N. Decatur Rd, Atlanta, GA, 30322. Tel: (404) 727-1775. Email: mpajare@emory.edu.
- Dr. Alison Gilmore**, Associate Dean, School of Education, Mercer University, 3001 Mercer University Drive, Atlanta, GA, 30341. Tel: (678) 547-6333. Email: gilmore\_a@mercer.edu.
- Dr. Sandra Damico**, Dean, College of Education, University of Iowa, Iowa City, IA, 52242. Tel: (319) 335-5380. Email: sandra-damico@uiowa.edu.
- Dr. Robert Jensen**, Associate Professor, Emory University, Division of Educational Studies, 1784 N. Decatur Rd, Atlanta, GA, 30322. Tel: (404) 727-0606. Email: rjensen@emory.edu.
- Dr. Joseph Cadray**, Assistant Professor, Emory University, Division of Educational Studies, 1784 N. Decatur Rd, Atlanta, GA, 30322. Tel: (404) 727-0610. Email: jcadray@emory.edu.
- Dr. Carole Hahn**, Professor, Emory University, Division of Educational Studies, 1784 N. Decatur Rd, Atlanta, GA, 30322. Tel: (404) 727-0604. Email: chahn@emory.edu.
- Dr. John Snarey**, Professor, Human Development and Ethics, Bishops Hall, Emory University, Atlanta, GA, 30322. Tel: (404) 727-4185. Email: jsnarey@emory.edu.
- Dr. Jeffrey Mirel**, Professor, 2331 School of Education Building, 610 E. University, University of Michigan, Ann Arbor, MI, 48109-1259. Tel: (734) 615-8983. Email: jmirel@umich.edu.
- Dr. Crawford Lewis**, Executive Director for Secondary Administrative Services, DeKalb County School System, 3770 North Decatur Road, Decatur, GA. Tel: (404) 297-1243. Email: cr16262@dcss.dekalb.k12.ga.us.