

Deborah H. McMurtrie, M.Ed.
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Education:

M.Ed. Elementary Education, August 1996, University of South Carolina, Columbia, SC
B.A. Elementary Education, December 1981, Magna Cum Laude, University of South Carolina
Aiken, Aiken, SC
Graduate Studies at the University of South Carolina, 2005, Early Childhood certification,
Columbia, SC
Graduate Studies at Furman University, 1982, Special Education certification, Greenville, SC

Teacher Certification:

South Carolina Teacher Certificate #131230 (expires 2013). Areas of certification: Early
Childhood; Elementary; Middle Level Science, Social Studies, and Language Arts ; Special
Education- Emotional Disabilities

Work Experience:

2008 – Present Program Director, South Carolina Center of Excellence for Middle-level
Interdisciplinary Strategies for Teaching (CE-MIST).
2006 – Present Part-time Faculty, University of South Carolina Aiken, School of
Education. Instructor for AEDP A330 Lifespan Development and AEDP
A334 Adolescent Growth and Development.
2005 – Present Director of Student Programs, Ruth Patrick Science Education Center at
the University of South Carolina Aiken.
2004 – Present Student Programs Specialist, Ruth Patrick Science Education Center at the
University of South Carolina Aiken.
1999 – 2003 Lower School Science Coordinator, Aiken Preparatory School, Aiken, SC.
1996 – 2003 Grade 2 Classroom Teacher, Aiken Preparatory School, Aiken, SC.
1991 – 1995 Director of Development, Aiken Preparatory School, Aiken, SC
1990 – 1991 Grade 4 Classroom Teacher, Aiken County Public Schools, Aiken, SC.
1986 – 1987 Chapter One Teacher, Aiken County Public Schools, Aiken, SC
1982 – 1983 EH/LD Resource Teacher, Lexington School District One, Lexington, SC.

Grants:

Senn, G. J., Haskell, D., Smyth, T. J. C., Smalley, D. C., Hutchens, J. M., & McMurtrie, D.
(2005). Submitted proposal and received funding for Center of Excellence for Middle-
level Interdisciplinary Strategies for Teaching (CE-MIST) from the South Carolina
Commission on Higher Education – \$622,457.

Senn, G. J., Haskell, D., Smyth, T. J. C., Smalley, D. C., Hutchens, J. M., & McMurtrie, D. (2005). (Proposal not funded) Submitted proposal for Center of Excellence for Language Literacy in Science (CELLS) to the South Carolina Commission on Higher Education – \$149,797.

Newspaper Articles:

I provided input to and was quoted in the following newspaper articles:

Novit, R. (2008, October 20). Education center owl now has name. *Aiken Standard*. P2A.

Brackett, C. (2008, September 14). Owl is a real hoot. *Augusta Chronicle*.

Novit, R. (2008, August 26). Woman discovers, cares for conjoined baby turtles. *Aiken Standard*, p1A,12A.

Brackett, C. (2008, June 29). Giving a hoot: Center will use owls as part of its educational programs. *Augusta Chronicle, Carolina Chronicle* p 1.

Novit, R. (2008, June 24). Ruth Patrick center is seeking sponsors to name injured owls. *Aiken Standard*, p A1, A8.

Rosier, M. (2008, June 11). Wild wonder at the library. *The Citizen News*, p A3.

Abdul-Rahim, S. (2008, January 22). Ruth Patrick Center offers hands-on experiences for SC school children. *Pacer Times*.

Novit, R. (2007, October 3). Class adopts corn snake. *Aiken Standard*, pp. A5, A14.

Novit, R. (2007, September 13). Class adopts turtle through Center. *Aiken Standard*.

Novit, R. (2007, June 19). Kids work on thinking skills at camp. *Aiken Standard*.

Novit, R. (2007, March 25). Magnet experiments attract kids to science. *Aiken Standard*.

Novit, R. (2006, December 2). Ruth Patrick staff has fun with science. *Aiken Standard*.

Novit, R. (2006, November 17). Galaxy gals will host fundraiser. *Aiken Standard*

Lord, Philip (2006-June 27) Teens told to aspire to great things. *Aiken Standard*.

Novit, Rob (2006-May 29) Ruth Patrick Center's namesake a pioneer of science. *Aiken Standard*.

Novit, Rob (2005-October 19) Science legend, Ruth Patrick, visits center. *Aiken Standard*.

Other Experience and Activities:

As Program Director for Center of Excellence for Middle-level Interdisciplinary Strategies for Teaching (CE-MIST):

- Develop and teach hands-on, interdisciplinary programs for every middle school student in the three partner schools
- Design and implement professional development activities and workshops for teachers
- Mentor and supervise the placement of approximately 25 pre-service teachers per semester in local middle schools to assist classroom teachers in differentiating instruction
- Develop and maintain the CE-MIST website including program descriptions, standards correlations for multiple content areas, pre-and post- visit activities, Traveling Science kits, and related children's literature lists

As Director of Student Programs:

- Create, develop, and teach hands-on, inquiry-based science and mathematics programs aligned with the South Carolina standards. Some of the programs I developed include:
 - Life Science: Ravenous Raptors, Owls Are Wise Guise, Cold Blooded Creatures, Whose Tracks Are These?
 - Physical Science: CSI Solutions, Circuit City, What's the Matter? Push Me Pull Me, Magnets & Motions
 - Earth Science: Dig In
 - Mathematics: Merry Measuring with Minerals, Shape Up, Multiplication Madness, Fraction Action, Pitter Patterns
- Schedule planetarium and classroom programs for 20,000 + students per year
- Develop and maintain Student Programs website including program descriptions, standards correlations, pre-and post- visit activities, Traveling Science kits, and related children's literature lists
- Manage Animal Care including the training of non-releasable owls

As Lower School Science Coordinator:

- Created, designed, and coordinated a Lower School Science Lab
- Coordinated Lower School field trips
- Coordinated schoolwide annual Science Fair
- Initiated and coached Lego League robotics team
- Instituted Lab Buddies program, pairing Lower and Middle School science classes
- Mentored Upper School Biology teachers

As a classroom teacher:

- Served on curriculum review and textbook adoption committees
- Served on Technology Task Force and Strategic Planning Committee
- Coached school representatives for annual SCISA Literary Meet
- Successfully wrote grants, secured funding, and implemented new programs

As Director of Development:

- Organized and coordinated major fundraising campaigns (annual and capital)
- Wrote grant proposals and secured gifts through private foundations
- Published monthly and quarterly newsletters and school's promotional materials

- Organized special events
- Identified and initiated personal contact with prospective lead gift donors
- Recruited and coordinated volunteers and committee chairpersons
- Coordinated the school's Long Range Planning Committee, Building Committee, national Major Gifts Committee, and local Lead Gifts Committee
- Planned and organized southeastern alumni/admissions receptions

Professional Associations:

National Middle School Association (NMSA)
 South Carolina Middle School Association (SCMSA)
 South Carolina Professors of Middle Level Education (SCPMLE)
 South Carolina Science Council (SC2)
 National Council of Teachers of Mathematics (NCTM)
 International Reading Association (IRA)
 South Carolina International Reading Association (SCIRA)
 National Association for Education of Young Children (NAEYC)
 South Carolina Association for Education of Young Children (SCAEYC)
 Central Savannah River Area Environmental Science Education Cooperative (CSRA-ESEC)
 Publication Education Partners (PEP) Charter Member, Grants Review Committee

Community Service:

2008 – Present	Aiken Preparatory School, Board of Trustees
2006 – 2007	Aiken High School Band Booster Club Vice President
2005 – 2006	Aiken High School Band Booster Club Treasurer
2003 – 2005	Aiken Kidney Benefit Board member
1995 – 2000	Public Education Partners (formerly GALEF) board member
1999 – 2000	Community Collaboration Childcare Initiative (CCCI)
1997 – 1999	SC Early Childhood Association District 6 Vice President