

## Carol A. Tempel, Ed. D.

<b>Education</b>	<b>Ed. D. Educational Leadership</b> <b>M. A. Biological Sciences</b> <b>B. A. Biology and Secondary Education</b>	NOVA Southeastern University, Orlando, FL, California State University at Los Angeles, CA, Augustana College, Rock Island, IL
<b>Administrative Experience</b>	<b>Charleston County School District</b>  <ul style="list-style-type: none"><li>• <b>Principal, Academic Magnet High School</b>, 2003-04, 2007-08</li><li>• <b>Learning Specialist</b>, 2006-2007</li><li>• <b>Assistant Principal (interim), Buist Academy for Advanced Academics</b> (2005-2006)</li><li>• <b>Principal (interim), CE Williams Middle School for Creative and Scientific Arts</b> (2005)</li><li>• <b>Science, Math, and Technology Curriculum Specialist, grades K-12</b>, 1988-2004</li></ul>	<b>Charleston, South Carolina</b>
<b>Certification</b>	Elementary and Secondary Principal Elementary and Secondary Supervision Superintendent Science and Middle School Science South Carolina Certificate # 253449	
<b>Professional Knowledge and Skills</b>	<b>Academic Leadership</b>  School-based Leadership: served as the principal of Academic Magnet High School and a creative and scientific magnet middle school; and assistant principal of K-8 school for advanced studies.  Learning Specialist for Districts 1, 2, 4 and 10 Schools (six elementary schools, four middle schools, and three high schools).  K-12 Science, Math, and Technology Curriculum Specialist	
<b>Grant Administration</b>	<b>Charleston County School District</b>  <ul style="list-style-type: none"><li>• <b>Principal Investigator</b> (2000-2006) NSF Grant: Project Inquiry, Building a Presence for Science in the Lowcountry \$5.1 million</li><li>• <b>Co-Principal Investigator</b> (2001-2005) NSF Grant: GK-12 Science Partners for Inquiry Teaching and Learning \$1.3 million</li><li>• <b>Site Director</b> (2003-2007) NSF Grant: Project ASK (Assessing Student Knowledge) \$100,000</li></ul>	<b>Charleston, South Carolina</b>
<b>Business and Community Partnerships</b>	<b>Owner, In Good Taste. A small retail business in Charleston.</b>  <b>Partnerships:</b> Bayer Corporation, Medical University of South Carolina (e.g. NSF Grants, Saturday Scholars, Can Do, and Biotechnology Institute), College of Charleston (NSF Grants), The Citadel, SC Statewide Systemic Initiative, Exploratorium (San Francisco), American Physical Society (Washington, DC), NEXT Steps (National Academy of Science and the Smithsonian), University of California Hall of Science (Berkeley, CA), Sigma Xi, SC LASER, SC Space Grant, SC Sea Grant Consortium, NASA, SC Aquarium, Westvaco, Bosch, SCETV, etc.	

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**Teaching  
Experience**

Adjunct Instructor	College of Charleston
Teacher (grades 4 & 5)	St. Paul's Elementary School, Kansas City, MO
Teacher (HS Biology)	Rock Bridge High School, Columbia, MO
Teacher (grades 7, 8, & 9)	Dyer Middle School, Bloomington, IN
Teacher (at risk students)	El Monte High School, El Monte, CA
Teacher (HS Biology)	Reavis High School, Oak Lawn, IL
Teacher (HS Biology)	San Pedro High School, Los Angeles, CA

**Awards and  
Recognition**

SC Network of Business Partners for Education and the Trident Chamber of Commerce for exemplary leadership in developing school/business partnerships; NASA Group Achievement Award for participation in Shoemaker Levy 9 Impact Events on Jupiter in Melbourne, Australia; featured in High Profile article, *Post and Courier*; narrated an SCETV documentary along with articles in *National Geographic* (August 1994) and *Education Week* about the Can Do Project ([www.musc.edu/cando](http://www.musc.edu/cando)); and received employee of the month and school board certificates for leadership.

**Publications**

**Dissertation:** Action Research: A Professional Development Strategy to Change Teachers' Attitudes, Behaviors, and Practices as They Plan and Implement Instruction for All Students.

**Professional  
Memberships**

SC Association of School Administrators; Association of Supervision and Curriculum Development; SC Association of Supervision and Curriculum Development; National Staff Development Council; National Association of Secondary Principals; National Science Teachers Association; SC Science Council; National for the Education of Teachers in Science; SC Association of Science Supervisors (president); Association for the Education of Teachers in Science; Delta Kappa Gamma Society; Phi Delta Kappa (research officer); and American Association of University Women (president).