

Carol Swink Wooten

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EDUCATION

Master of Education (M.Ed.)

Curriculum and Instruction: Development and Supervision

North Carolina State University, Raleigh, NC

May 2004

Curriculum Instructional Specialist

North Carolina State University, Raleigh, NC

May 2004

K-6 Professional Educator's License

Meredith College, Raleigh, NC

May 1998

Bachelor of Arts (English)

Minors: Mathematics, Professional Communications

Meredith College, Raleigh, NC

May 1998

National Board Certification: Middle Childhood Generalist

2005

Academically Gifted (AIG) Certification

2000

EXPERIENCE

Fifth Grade Math and Science Educator

Hunter GT Magnet Elementary, Raleigh, NC

1998-Present

- Design lesson plans, implement lessons, and develop assessments for fifth grade students
- Differentiate instruction to meet the learning needs of students
- Enhance math and science lessons with technology integration
- Create spreadsheets to analyze student data

AWARDS AND HONORS

- Presidential Award for Excellence in Science Teaching (2008)
- Shell Science Award National Semi-Finalist: Top Ten K-12 Science Educator in the United States (National Science Foundation, 2013)
- Nominee for National Magnet Teacher of the Year (2013)
- Who's Who in North American Education (2012-2013 edition)
- WRAL "Teacher of the Week" with an emphasis on science instruction (2011)
- WTVD "Person of the Week" (March 2010)
- Hunter Elementary Teacher of the Year, Wake County Teacher of the Year Finalist (2010)
- *School Connection* (Wake County) education television program feature story on science inquiry education (2010)
- Feature story in the NCSU Chancellor's Report about science inquiry teaching (2010)
- Wake County Public Schools audio podcast on best practices in science instruction (2010)
- Science consultant on the education panel for *OpenNet*, a live cable television talk and call-in show (August 4, 2009)
- WRAL feature news story on science education and the Presidential Award (July 2009)
- Kenan Fellow. Project: *Science Inquiry and Assessment* (class of 2006)

PRESENTATIONS

- Science Notebooks and Vocabulary Building (North Carolina Association of Elementary Educators Region 3 Conference, August 2014)
- PowerSchool staff coordinator for professional development at Hunter Elementary (2013)
- Independent consultant for Science Notebooks and Vocabulary Strategies—developed instructional videos for science notebook components and vocabulary methods, developed a 75-slide presentation on how to implement science notebooks in the classroom, which includes student work samples
- Professional development presenter for science kits: Landforms, Ecosystems, Investigating Weather Systems (1999-present), Motion and Design (2004-present), Human Body Systems (2012-present)
- Local, state, and national science notebook trainer (2003-present)
- “Strategies for a Successful Science Night” (Wake County Leadership Team Meeting, 2012)
- “Science End of Grade Test Strategies” (Wake County, 2010-2011)
- Presenter for science vertical alignment and Revised Bloom’s Taxonomy (Wake County, 2010)
- Professional development trainer at the North Carolina School of Science and Mathematics (NCSSM) on science inquiry kits and best practices in science instruction (2004-2006)
- North Carolina Infrastructure for Science Education (NC-ISE) presenter for science kits and inquiry lesson models (2004-2008)

PROFESSIONAL DEVELOPMENT

- North Carolina Association of Elementary Educators (NCAEE) Region 3 Conference (2014)
- Teacher Researcher Internship at North Carolina State University Mechanical and Aerospace Engineering, funded through a National Science Foundation grant (2011, updated yearly)
- NC Association of Elementary Educators Conference (annually, 2004-present)
- Science Olympiad coaches training (2010-2012)
- *Influencer* training seminars (Wake Ed Partnership, 2010)
- Langford Quality Tools Seminar (2010)
- Science Item Writer’s Training (2002, 2004, 2011)

LEADERSHIP

- Presidential Awards for Excellence in Science Teaching state selection committee (2012-present)
- Next Generation Science Standards reviewer (2012)
- Science Olympiad coach (2009-present)
- NC Association of Elementary Educators executive board member, Conference Committee Member, Student Involvement Committee Chairperson, Scholarship Committee Chairperson (2008-present)
- Wake County Steering Committee and Leadership Team member (2005-2013)
- Family Science Night Coordinator (Hunter GT/AIG Magnet Elementary, 2001-present)
- Wake County Science Adoption Committee (2000-2012)
- Mentor for Beginning Teachers (2004-present)
- Fifth Grade Leadership Chairperson (2002-present)

PUBLICATIONS AND CURRICULUM DEVELOPMENT

- Blog post on inquiry science and science notebooks, “Inquiring Minds Want To Know” on *Teacher Resources* site (2013), over 5,000 views
- Elective curriculum: “Introduction to Engineering for Boys and Girls” (2012), updated annually
- Motion and Design unit for C-MAPP (2012)
- Human Body Systems unit for C-MAPP and teacher Power Point instructional guide (2011-present)
- Science End of Grade review program, includes designing online games and publishing review video (2010-present); science test taking strategies and vocabulary development videos (2010-present)
- Video lessons of inquiry science instruction published through the GEES (Graphic Enhanced Elementary Science) project (2010-2011)
- Lesson plans and an online game for author of *What Bluebirds Do*, nationally acclaimed science expository text (2011)

REFERENCES

Cathy Wallwork, Former Senior Administrator, Elementary Science
Raleigh, NC
(919) 604-1824

Brenda Evans Lytle, Former DPI K-5 Science Consultant and Kenan Fellows Mentor
Spartanburg, SC
(919) 389-1848

David Schwenker, Former Principal of Hunter GT/AIG Magnet Elementary
Current Principal of Wake NC State STEM Early College High School
(919) 515-2255
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Briana Pelton, Principal of Hunter GT/AIG Magnet Elementary
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