

Dr. Angelia R. Reid-Griffin
University of North Carolina Wilmington
Instructional Technology, Foundations, and Secondary Education
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Education

Ph D, NC State, 2002.
Major: Science Education
Dissertation Title: Observing Middle School Students' Use of Technology as a Tool for Learning

MA, East Carolina U, 1997.
Major: Science Education

BS, East Carolina U, 1994.
Major: Biology

Licensures and Certifications

6-9 Science, NC DPI. (July 1, 2002 - July 1, 2012).

9-12 Science, NC DPI. (July 1, 1997 - July 1, 2012).

Professional Memberships

Association for Science Teacher Education.

National Association for Research in Science Education.

National Science Teacher Association.

North Carolina Science Leadership Association.

North Carolina Science Teacher Association.

School Science and Mathematics Association.

Program Committee, Society for Information Technology and Teacher Education.

Development Activities Attended

Continuing Education Program, "North Carolina Standards for Teachers," NC Dept of Public Instruction. (October 2009 - Present).

Continuing Education Program, "Science Teachers' Workop in Nuclear Technology," NCSU. (June 9, 2009 - June 10, 2009).

TEACHING

Teaching Experience

University of North Carolina Wilmington

EDN 301, Instructional Design & Eval, 1 course.

Section: 002, Enrollment: 20

EDN 338, Teach Of Science (6-9), 1 course.

Section: 001, Enrollment: 3

EDN 409, Practicum--Science, 1 course.

Section: 211, Enrollment: 3

EDN 595, ADV Teaching of Science (6-9), 1 course.

Section: 007, Enrollment: 0

Directed Student Learning

Supervised Teaching Activity, Instructional Technology, Foundations & Secondary Education.
(August 2007 - April 24, 2009).

Advised: David Vallett, Chelsea Coleman, Kate Bradshaw, Richard Brown, Sarah Supak,
Grace Schulte, Rachel Kidwell, Kyle Hummer, Joanne Shadrouti, Victoria Miller, Ginger
Flanary

RESEARCH

Published Intellectual Contributions

Refereed Journal Articles

Bifuh-Ambe, E., Reid-Griffin, A. R. (2009). Using Concept Maps in Instructional Planning: An Innovative Approach to Teaching Pre-service. *Southeastern Teacher Education Journal*.

Reid-Griffin, A. R., Slaten, K. M. (2009). Junior Seahawk Academy: Working with 21st Century Technology Tools. *Meridian: A Middle School Computer Technologies Journal*, 12(1).
<http://www.ncsu.edu/meridian/winter2009/Griffin/index.htm>

Reid-Griffin, A. R., Slaten, K. M. (2009). Junior Seahawk Academy: Working with 21st Century Technology Tools. *Meridian: A Middle School Computer Technologies Journal*, 12(1).
<http://www.ncsu.edu/meridian/winter2009/Griffin/index.htm>

Presentations Given

Carter, G. (Presenter & Author), Wiebe, E. (Presenter & Author), Park, J. (Presenter & Author), Butler, S. (Author Only), Reid-Griffin, A. R. (Author Only), National Association for Science Teachers, "Sixth Graders' Approaches to Maps and Mapping.," Baltimore, MD.

Reid-Griffin, A. R., Slaten, K. M., North Carolina Teacher Education Forum, "Literacy Tools influence on middle school students' understanding of Global Awareness," Raleigh, NC.

Reid-Griffin, A. R., NCSTA, "Connecting Math, Science and Technology to Everyday Living," Greensboro. (November 2009).

Reid-Griffin, A. R., Slaten, K. M., J., School Science Mathematics Association, "Science Math Academy: Literacy across subject areas.," Raleigh, NC. (November 2009).

Reid-Griffin, A. R., Slaten, K. M., J., School Science Mathematics Association, "Science Math Academy: Using Inspire Data to learn about graphing," Raleigh, NC. (November 2009).

Ertzberger, J. G., Reid-Griffin, A. R., SITE Conference- Society for Information Technology and Teacher Education, "InspireData: A software tool for visual data analysis and evaluations," Charleston, SC. (March 4, 2009).

Martin, F., Parker, M. A., Reid-Griffin, A. R., Allred, S. E., Ndoye, A., Society for Information & Teacher Education, "Efolio Technologies for Digital Students," Charleston, SC. (March 4, 2009).

Parker, M. A., Allred, S. E., Martin, F., Ndoye, A., Reid-Griffin, A. R., Society for Information & Teacher Education, "Aligning NETS-T standards (NETS-T 2008) with technology products.," Charleston, SC. (March 3, 2009).

Reid-Griffin, A. R., Slaten, K. M., J., Association for Science Teacher Education (ASTE),, "Literacy Tools influence on middle school students' understanding of Global Awareness.," Hartford, CO. (January 2009).

Contracts, Grants and Sponsored Research

Grant

Reid-Griffin, Angelia R, "Junior Seahawk Academy," Sponsored by Dollar General, Private, \$3,000.00.

Reid-Griffin, Angelia R, "Junior Seahawk Academy," Sponsored by Sam's Club/Walmart- Market Street location, Local, \$200.00.

Reid-Griffin, Angelia R, "Junior Seahawk Academy: Literacy Perspectives across Disciplines," Sponsored by NCSTA Innovative Curriculum Support Grant, State, \$1,000.00.

Reid-Griffin, Angelia R, "Junior Seahawk Academy: Science, Math, Technology Fun," Sponsored by MoneyGram Global Giving Program, Private, \$5,000.00.

Reid-Griffin, Angelia R, "Junior Seahawk Academy:Literacy Connections," Sponsored by Open Meadows Foundation, Private, \$2,000.00.

Kelley, Patricia H (Principal), Harris, William B (Supporting), Laws, Richard A (Supporting), Reid-Griffin, Angelia R (Supporting), Hall, Jack C (Supporting), Posey, Martin H (Supporting), Tobias, Craig R (Supporting), Abrams, Lewis J (Supporting), Visaggi, Christy C (Supporting), Alphin, Troy (Supporting), "REU Site: Research Experiences for Undergraduates in Biodiversity Conservation," Sponsored by National Science Foundation, Federal, \$359,997.00. (March 1, 2008 - Present).

Reid-Griffin, Angelia R, "Junior Seahawk Academy Day Camp," Sponsored by Friends of UNCW Award, University of North Carolina Wilmington, \$1,200.00. (June 21, 2009 - January 31, 2010).

Reid-Griffin, Angelia R (Supporting), "REU Site: Research Experiences for Undergraduates in Conservation Biology: Research at the Intersection of Geology, Biology, and Archeology," Sponsored by NSF, Federal, \$360,000.00. (January 2008 - January 2010).

Reid-Griffin, Angelia R, "Junior Seahawk Academy," Sponsored by Watson School of Education, University of North Carolina Wilmington, \$2,000.00. (December 1, 2008 - April 3, 2009).

Research in Progress

"b. "Probeware Technologies in Science Methods course" (On-Going)

Probeware Technologies in Science Methods course, do they make a difference?

This research is a collaborative effort with my science education colleague to determine the impact of using probe ware (data collection devices) with science education students towards their future use of the tools in the classroom. Linking some of my previous research with data collection devices this study reflects the positive attitude students have towards technologies. A paper is being revised for submission in a peer-reviewed journal.

"d. REU impact on increasing diversity in science fields" (On-Going)

d. REU impact on increasing diversity in science fields

Through funding from NSF, the development of the Undergraduate Research Center in the Geology department has opened the door for diversity in the field of the natural and physical sciences. This program provides undergraduate students opportunities to develop and complete science research projects in the field during their 2 month internship. As the evaluator of the program I collect and analyze data to determine if the program provided a rewarding experience and prepared participants to work in their field of study. The purpose of this research program is to investigate how the marine ecosystem has changed over time and the degree and nature of human impact. REU participants will compare fossil, archeological and modern marine samples to assess the health of a modern system and then identify methods to protect biodiversity in that ecosystem.

"Inspire Data, does it make a difference?" (Planning)

e. Inspire Data, does it make a difference?

According to research conducted by Wu & Wong (2007) it appears that middle level learners have trouble with conceptually understanding the meaning of data found in databases and graphical representations. The Inspire Data software seems to be a solution to this growing problem by sharing a new innovative tool that provides both a visual and interactive approach to construct and interpret data and graphs.

"Junior Seahawk Academy" (On-Going)

c. Achieving Success in Math, Science, and Technology

To address the numerous calls for more students in the fields of math, science. I am intending to use the program Junior Seahawk Academy to serve as a vehicle to help increase the number of students in these areas. Providing resources and activities to strengthen students in these areas but also helping with their literacy and technology skills. Mixed methods research design will be used to analyze survey data, self assessments and parent data gathered during the course of the program to determine its impact on middle school learners. I intend to analyze data collected, share findings via presentations and papers as well as write grant proposals to support future programs.

SERVICE

Department Service

Committee Member, EDN 301- Instructional Design & Evaluation Committee.

Committee Member, Library Representative, (2007-present).

Committee Member, Member, Secondary Program Committee.

Committee Member, EDN 303- Instructional Technology Committee., (August 2003 - Present).

College Service

Committee Member, ITFSE-Search Committee.

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Committee Member, Member, Special Education Search Committee.

Committee Member, Member, Teaching Fellows Advisory Committee. (August 2006 - Present).

Member, WSE Technology Council. (August 2004 - Present).

University Service

Attendee, Award Ceremony, Research Reception. (2008 - Present).

Attendee, Convocation, UNCW convocation. (2007 - Present).

member, Black Faculty & Staff Association. (August 2003 - Present).

Attendee, Meeting, UNCW Faculty meeting. (2003 - Present).

Attendee, Graduation, UNCW Graduation/WSE Ceremony. (2003 - Present).

Committee Member, Institutional Review Board. (2007 - 2009).

Chairperson, Financial Aid Committee. (August 2007 - April 2009).

Professional Service

developer of course and instructor/evaluator, 2+2 Science Initiative (Developed Online Methods Course)-UNCGA/LEARN NC, Wilmington, NC.

North Carolina Science Olympiad, Wilmington, NC.

Invited Lecture, Squeak (Use-It) event, wilmington, nc.

Program Organizer, WSE Junior Seahawk Academy. (January 2008 - Present).

Conference-Related, Society of Information Technology and Teacher Education. (2007 - Present).

Reviewer, Book, Allyn & Bacon. (February 2009 - March 2009).

Public Service

Committee Member, NC State Employee Credit Union Foundation Board, Wilmington, NC.

volunteer; attended open house, WHA-UNCW Community Campus-Hillcrest, Wilmington, NC. (September 20, 2008 - Present).

Board Member, NC State Employee Credit Union, Wilmington, NC. (September 2005 - Present).

Member, Good Friends, Wilmington, NC. (September 2008 - 2009).

Assisted with workshop, Water Quality Workshop- Cape Fear Museum, Wilmington, NC. (August 2009).

Member, NC State Employees Credit Union Meet & Greet, wilmington, nc. (April 17, 2009).

Judge, Gregory Elementary School Science Fair, Wilmington, NC. (January 9, 2009).

Consulting

Academic, UNC-GA/LEARN NC 2+2 Science Initiative, Chapel Hill. (July 2007 - May 2009).