

CURRICULUM VITAE

Starlin Dawn Weaver

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BUSINESS ADDRESS:

Salisbury State University
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EDUCATION

Doctorate of Philosophy, Curriculum and Instruction, December 1997

Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, VA

Dissertation: Using Portfolios to Assess Learning in Chemistry: One School's Story of Evolving Assessment Practices

Advisor: Thomas Teates

Master of Education, Curriculum and Instruction; Minor: Secondary Science Education, May 1994
University of North Carolina at Charlotte, Charlotte, NC

Bachelor of Arts, Biology; Minor: Secondary Education, December 1987
University of North Carolina at Charlotte, Charlotte, NC

AREAS OF TEACHING COMPETENCY

- Teaching Secondary School Science
- Teaching Middle School Science
- Teaching Elementary School Science
- Elementary and Middle School Curriculum Development
- Secondary School Curriculum Development
- Foundations of Education
- Middle School Methods
- Educational Research Methods
- Biology

RESEARCH

•**Dissertation:** Using Portfolios to Assess Learning in Chemistry: One School's Story of Evolving Assessment Practices; Virginia Polytechnic Institute and State University; 1997

•**Project:** Communicating Electronically with Student Teachers: Engaging In Reflective Practice and Professional Discourse; co-collaboration with Dr. Melanie Biermann, David Hicks & Mark Manross; Virginia Tech, Blacksburg, VA 24060 ; 1995 - 1997

- Project:** Myocardial Adenosine Production During Escherichia - Coli Endotoxin Shock in the Rat; Cannon Research Center, Charlotte, NC; 1992 - 1993

PROFESSIONAL EXPERIENCE

University Teaching

- 1997 Assistant Professor of Science Teacher Education; Salisbury State University, Salisbury, MD
- 1995 Instructor, Teaching In The Secondary School: Science; Virginia Tech, Blacksburg, VA
- 1995 Instructor, University Wide Graduate Teaching Assistant (GTA) Training, Virginia Tech, Blacksburg, VA
- 1995 Instructor, People, Places and Preservation: A Social Studies and Science Seminar for Teachers, Montpelier, VA
- 1994 Instructor, University Wide Graduate Teaching Assistant (GTA) Training, Virginia Tech, Blacksburg, VA

Supervision

- 1995 Supervisor of Secondary Science Student Teachers; Virginia Tech, Blacksburg, VA
- 1994 Supervisor of Secondary Science Student Teachers; Virginia Tech, Blacksburg, VA

Administration

- 1996 Graduate Assistant; Assistant Dean of Human Resources and Education; Virginia Tech, Blacksburg, VA

Public Schools

- 1996 Instructor, Summer Honors; Middle School, Roanoke City Public Schools, Roanoke, VA; taught Biotechnology
- 1995 Instructor, Summer Honors; Middle School, Roanoke City Public Schools, Roanoke, VA; taught Invertebrate Zoology
- 1992 - 1994 Biology Teacher; Charlotte-Mecklenburg Board of Education; East Mecklenburg High School, Charlotte, NC; courses taught Biology I - as a member of an interdisciplinary team including World History and World Literature, Biology II, and Advanced Placement Biology
- 1988 - 1992 Biology Teacher; Charlotte-Mecklenburg Board of Education; Harding High School, Charlotte, NC; courses taught Biology I (general, advanced, academically gifted, and basic skills levels), Biology II, and Advanced Placement Biology
- 1990 Biology Teacher; Love of Learning Program (a summer enrichment program for minority students), Davidson College, Davidson, NC; taught a survey biology course

- 1989 Member of curriculum revision team Charlotte-Mecklenburg Board of Education, Charlotte, NC
- 1988 Biology Teacher/General Science Teacher; Charlotte-Mecklenburg Board of Education; South Mecklenburg High School, Charlotte, NC; courses taught Biology I (regular and advanced levels) and Science by Investigation (laboratory based Biology, Physics, Chemistry, and Earth Science)

Other Professional Experience

- 1996 Student Teaching Advisory Committee; Virginia Tech, Blacksburg, VA
- 1996 Board of Governors Member; Virginia Association for the Education of the Gifted; Roanoke,VA
- 1996 Associate Editor - School Science and Mathematics, May 1996
- 1995 Media Reviewer - School Science and Mathematics, September 1995
- 1994 Representative, College of Education , Graduate Student Assembly; Virginia Tech, Blacksburg, VA
- 1992 - 1993 Member of cardiovascular research team; Cannon Research Center, Charlotte, NC; Project Title: "Myocardial Adenosine Production During Escherichia- Coli Endotoxin Shock in the Rat"

PROFESSIONAL AFFILIATIONS

- National Association for Research in Science Teaching
- Association for the Education of Teachers in Science
- American Educational Research Association
- Eastern Educational Research Association
- Phi Kappa Phi
- Phi Delta Kappa
- National Association of Biology Teachers
- National Association of Science Teachers
- Virginia Academy of Science
- Virginia Association of Science Teachers
- Blue Ridge Association for Science Teachers
- North Carolina Association of Science Teachers
- The Middle States Council For The Social Studies
- Delaware Reading Association
- Sussex County Reading Association

PRESENTATIONS

National

Weaver, S.D. "Using Portfolios to Assess Learning in chemistry: One School's Story of Evolving Assessment Practice" at the 1998 International Annual Meeting of the Association for the Education of Teachers in Science in Minneapolis, MN.

Weaver, S. D. "Changing Assessment Practices: Using Portfolios to Assess Learning in Science" at the 1997 Annual Meeting of the Association for the Education of Teachers in Science in Cincinnati, OH.

Weaver, S. D.; Perdue, C. H.; Adair, C. "Neophytes Unite" at the 1996 National Association of Biology Teachers Convention in Charlotte, NC.

De Stefano, A.; Leonova, E.; Quinn M., Weaver, S.; Raymond, R. "Myocardial Adenosine Production During Escherichia - Coli Endotoxin Shock in the Rat" at the 1993 Federation of American Societies for Experimental Biology Conference, New Orleans, LA.

Regional

Weaver, S. D.; Biermann, M. J.; Hicks, D.; Manross, M. "Encouraging Discourse Between Student Teachers Via An Electronic Mail Discussion Group" at the 20th Annual Conference of the Eastern Educational Research Association in Hilton Head, S.C.

Weaver, S. D. "Using Portfolios to Assess Learning in Chemistry: One School's Story of Evolving Assessment Practices" at the 20th Annual Conference of the Eastern Educational Research Association in Hilton Head, S.C.

Weaver, S. D. "Using Portfolios to Assess Learning in Science: One School's Story of Evolving Assessment Practices" at the 1996 Mid-Atlantic Regional Meeting of the Association for the Education of Teachers in Science in Hawks Nest, WV.

Weaver, S. D. "Houses and History: Learning at Historical Sites" at the 1996 Middle States Council For The Social Studies Regional Conference, Wilmington, DE.

State

Weaver, S. D. "Bats: Frightening Fiend or Friendly Foe" at the December 1997 Sussex County Reading Association Monthly Meeting, Millsboro, DE.

Weaver, S. D. "Using Portfolios to Assess Learning in Chemistry: One School's Story of Evolving Assessment Practices" accepted for presentation at the 1997 Virginia Academy of Science Annual meeting in Blacksburg, VA.

Weaver, S. D. & Perdue, C. H. "Reaching Out To The Rookies" at 1996 Virginia Association of Science Teachers in Roanoke, VA.

REFERENCES

•Dr. Melanie Biermann

Professor

Virginia Tech

306 War Memorial Hall

Blacksburg, VA 24061-0313

540-231-5537

•Dr. Mary Ann Lewis

Associate Dean

College of Human Resources and Education

238 Wallace Hall

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•Dr. Charles B. Starkey

Assistant Professor of Curriculum and Foundations

Bloomsburg University

2225 McCormick Center

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•Dr. Thomas Teates

Professor Emeritus

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