

LORI ANDERSEN

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OBJECTIVE

To facilitate the employment of technology and sound pedagogy in physics instruction. To develop instructional materials that effectively use technology; especially probeware, simulations, web-based assignments, and internet-supported collaborative technologies.

CERTIFICATIONS HELD

National Board Certified Teacher, AYA Science
Postgraduate Professional License, Physics

EDUCATION

College of William & Mary Doctoral Student, Curriculum & Educational Technology GPA: 4.00	2009–present
Old Dominion University M.S.Ed. Science Education GPA: 3.91	1997
Long Island University B.S. Physics GPA: 3.93, Summa Cum Laude, Minor: Mathematics	1988

AWARDS

Finalist, Grafton High School Teacher of the Year	2009
YCSD Apple Award	2008
National Science Teachers Association, VSP Vision of Science Award	2008
Distinguished Educator, Ocean Lakes High School	2005
Radio Shack National Teacher Award	2003

TEACHING EXPERIENCE

York County School District (YCSD), VA Physics and AP Physics B Teacher Teach Physics 1 and AP Physics B using a inquiry-based, technology-rich setting. Wrote and received five grants totaling approximately \$6000. Mentored student teachers. Conducted site based professional development on the use of technology in instruction.	2006–present
Chesapeake Bay Governor's School Taught College Physics, Calculus and Pre-calculus.	2005–2006
Ocean Lakes High School, City of Virginia Beach Taught AP Physics C, AP Physics B and Magnet Physics. Team taught an interdisciplinary AP Physics C and Multivariable Calculus class. Implemented a Biomedical Engineering class, team taught with a Biology teacher. Conducted staff development and Academy staff meetings. Trained other teachers in the use of online homework delivery systems, probeware and simulations.	2001–2005

Floyd Kellam High School, City of Virginia Beach

1998-2001

Taught Physics and AP Physics B. Sponsored Odyssey of the Mind.
Conducted training for teachers in use of TI graphing calculators and probeware.

RELATED EXPERIENCE

United States Navy

Officer

1986 - 1996

Supervised department of over 100 personnel in 5 divisions. Managed department budget.

SKILLS

Computer-based data collection and analysis including digital video
Web/Wiki authoring
Web-based homework development (coding within WebAssign system)
MS Office Suite/iWork

MEMBERSHIPS

American Association of Physics Teachers
National Science Teachers Association
Virginia Educators Association