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Education

2013, Ed.D. Educational Leadership, Drexel University
2008, Certificate of Achievement in Weather Forecasting, Pennsylvania State University
1997, M.Ed. Curriculum and Instruction - Educational Leadership, Pennsylvania State University
1993, B.S. Secondary Education, Pennsylvania State University
1993, B.S. Earth Sciences, Pennsylvania State University

Educational Positions Held

2012-Pres., Department Head (Science), Upper Dublin HS, School Dist. of Upper Dublin
2006-2009, Safety and Security Consultant, School Dist. of Upper Dublin
2003-2006, Adjunct Instructor, Leadership and Influence in Emergency Response, Delaware County Community College
2000-Pres., Instructor, Advanced Geosciences, Forensic Science, Upper Dublin HS, School Dist. of Upper Dublin
1993-2000, Instructor, Earth and Space Science, Sandy Run MS, School Dist. of Upper Dublin
1988-2002, Ranger Challenge Instructor (Summer), Valley Forge Military Academy and College

Educational Awards and Distinctions

2011, *Presidential Award for Excellence in Mathematics and Science Teaching*
2008, *Be Exceptional Campaign*, Pennsylvania State University
2008, *Outstanding Earth Science Teacher Award (PA)*, National Association of Geoscience Teachers
2008, *Award for Excellence in Earth Science Teaching*, Geological Society of America
2005, *Educator 500*, 3E Institute, West Chester University

Curriculum Design Initiatives

2011, *Advanced Geosciences II: Geological and Astronomical Sciences*, Upper Dublin High School
2009, *Advanced Geosciences I: Atmospheric and Marine Sciences*, Upper Dublin High School
2003, *Leadership and Influence in Emergency Response*, Delaware County Community College
2001, *Advanced Earth and Space Science*, Upper Dublin High School
2000, *Forensic Science*, Upper Dublin High School
1997, *Earth and Space Science (Rewrite)*, Sandy Run Middle School

Presentations, Lectures, Seminars

2013, Recruiting High School Students into College Geoscience Programs, GSA Annual Meeting
2012, The Role of Schools in Creating Weather Aware Communities, National Severe Weather Workshop
2008, Fire Cause Determination, University of the Sciences in Philadelphia
2007, National Incident Management System, School District of Upper Dublin
2007, Emergency Management and Education, Gwynedd Mercy College
2006, What If? Emergency Management for Educators, School District of Upper Dublin
2004, Simulation Science, National Science Teachers Association national conference

Media References

Oct. 15, 2008, *In the High Schools, An Army of Sleuths* (Philadelphia Inquirer)
July 6, 2008, *Educator Spotlight* (Philadelphia Inquirer)
January 16, 2002, *Dive, Dive, Dive* (Ambler Gazette)
January 12, 2002, *Diversifying A Course of Study* (Philadelphia Inquirer)
November 29, 2000 *Education Set Ablaze* (Philadelphia Inquirer)
April 19, 2000, *Eighth Graders Get a Hands On Lesson in Meteorology* (Ambler Gazette)
November 1999, *The One Computer Classroom*, Montgomery County Intermediate Unit: Interface
March 11, 1998 *Scoping Out Celestial Phenomenon* (Ambler Gazette)
March 17, 1996, *Coping With The Biggest Quake That Never Hit L.A.* (Philadelphia Inquirer)