

William DiPuccio

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Recent Educational Experience

CLASSICAL LEARNING RESOURCE CENTER (Online School) 2013-Present

Science Teacher (Part Time)

- Instruct Meteorology and Astronomy classes
- Develop online science curriculum

HERITAGE STUDY CENTER (Stow) 2012-Present

Science Teacher (Part Time)

- Instruct Physical & Earth Science class
- Develop laboratory curriculum
- Order and maintain laboratory equipment
- Provide advice on science textbook selection

TALLMADGE CITY SCHOOLS 2009-2013

Substitute Teacher (short term) & Guest Speaker (business and science)

HOLY TRINITY ORTHODOX CHRISTIAN ACADEMY (Warren) & OCS-NEO 2006-2010

Curriculum Writer & Consultant (Holy Trinity Academy, Part Time)

- Revised and illustrated ASC science curriculum (see below).
- Mentored teachers on the implementation of science curriculum.

Science Teacher (Orthodox Christian Schools of Northeast Ohio, Part Time)

- Planned, supervised, and taught summer science camps.
- Developed and taught Saturday morning science classes (“Kid’s Erudites” program, 2007).
- Chaired the curriculum committee (2007-2008).

ST. NICHOLAS ORTHODOX SCHOOL (Cuyahoga Falls) 2002-2006 (closed)

Head, Science Department, Orthodox Christian Schools of Northeast Ohio

- Developed, authored, and implemented an accelerated, laboratory based science curriculum (ASC—Advanced Science Curriculum) for grades 1-4, 6, 8, and 10.
- Mentored elementary school teachers (without a science background) in teaching laboratory science.
- Designed and organized a fully equipped science lab (see also Educational Inventions, below).

Science Teacher

- Taught laboratory courses (ASC) in biology, earth science, astronomy, chemistry, and physics for elementary grades 1-4, middle school grades 6 and 8, and high school grade 10.
- Planned and conducted science fairs, public programs, demonstrations, and summer science camps.

Other Areas of Expertise

- **CHRISTIAN THEOLOGY AND HISTORY**
- **ISLAMIC BELIEFS, LAWS, AND PRACTICES**
- **ISSUES IN SCIENCE AND RELIGION**
- **RELIGION IN AMERICA**

Prior Educational Experience

MAD SCIENCE (2007)
Program Instructor

THE C.P. ENSTON CO. (1998-2001)
Instructor, Polymer Joining Technologies
Automation Project Manager

MT. UNION COLLEGE (1994-1997)
Adjunct Professor of Religion

CATERPILLAR INDUSTRIAL (1989-1991)
PC Systems Technician
PC Instructor and Curriculum Designer

WHEATON COLLEGE (1987-1989)
Adjunct Professor of Religion
Academic Conference Coordinator
Radio Broadcaster

NATIONAL WEATHER SERVICE (1986)
Meteorological/Radiosonde Technician
Certified Aviation Briefer

U.S. NAVY (1979-1983)
Meteorological Laboratory Instructor
Field Instructor, Marine Weather Observing
Environmental Forecaster
Research and Development Petty Officer

Educational Inventions

LSOP (Large Scale Optical Protractor): Laboratory instrument used to study ray optics.

Distributed nationally through Science Kit & Boreal Labs. Provisional U.S. Patent, 2003-2004.

Optical Diffraction and Interference Meter: Classroom device used to demonstrate wave optics.

Spark Gap Radio Receiver: Classroom device used to demonstrate the discovery of radio waves by Heinrich Hertz.

Solar Spectroscope: Optical instrument used to safely view the solar spectrum.

Selected Technical & Scientific Publications

Geology:

“The Geology of Camp Christopher”

Science Et Cetera (<http://scienceetcetera.blogspot.com/p/geology.html>), June, 2011.

Climate Change:

“Large Scale Climate Modification”

Climate Science (pielkeclimatesci.wordpress.com), September 10, 2010.

“Unsettled Climate of Science” Akron Beacon Journal (guest editorial), August 13, 2010.

“The Three Hypotheses of Climate Science”

Climate Science (pielkeclimatesci.wordpress.com), August 9, 2010.

“Have Changes in Ocean Heat Falsified the Global Warming Hypothesis?”

Climate Science (pielkeclimatesci.wordpress.com), May 5, 2009.

“A Glimpse Inside the Global Warming Controversy: Why You Need to Consider Both Sides”

Science and Public Policy Institute (scienceandpublicpolicy.org), December 18, 2008.

Meteorology (U.S. Navy):

Cloud-O-Matic (comprehensive tabular cloud identification system), NAVEDTRA 40600

“Weather Theory,” in *Study Guide for Surface Warfare Officer Qualification* (§5111)

“Propagation of Sound in Water,” in *Study Guide for Surface Warfare Officer Qualification* (§6102.2)

“Ship Synoptic Code” and “Land Synoptic Code”, Mobile Environmental Team training pamphlets

Astronomy:

"Visual Astrometry with Celestron's Micro Guide Eyepiece," *The Night Sky* 19 (January, 1997): 1-3.

"Nebulae & Emission Spectra" *Rainbow Optics Newsletter* 4 (January, 1996): 4-6.

"A Portable Observatory: Celestron's Richfield 80 Refractor" *The Night Sky* 18 (August, 1996): 1-3.

"Amateur Spectroscopy is Alive & Well" (two parts), *The Night Sky* 17 (September, 1995): 2-3;

The Night Sky 17 (October, 1995): 2-3.

Science Education:

“Science Education’s Challenge” Akron Beacon Journal (guest editorial), December 27, 2007.

Education & Licensure

Ph.D. (Religious Studies), Summa Cum Laude (1994): Marquette University, Milwaukee, WI

M.A. (Historical Theology), Summa Cum Laude (1988): Wheaton College, Wheaton, IL

B.A. (Biblical Studies), Summa Cum Laude (1985): Washington Bible College, Lanham, MD

CERTIFICATION: Secondary Earth Science (grades 7-12)
Ohio Department of Education Alternative Licensure Program

References

John Gergely (Tallmadge Middle School) • Matthew Morrissey (Tallmadge Middle School) • Kim Brendel (Tallmadge High School) • Dr. Jane Beese (University of Akron, College of Education) • Diana Ross (St. Joseph, Cuyahoga Falls) • Fr. Jonathan Cholcher (Principal, St. Nicholas Orthodox School [closed])