

LAURA J. COCHRAN
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EDUCATION

Fellowship, Teachers for Global Classrooms Program, United States Department of State, 2012-13
Teachers for Global Classrooms Program, George Mason University and Field Experience in Ghana

Slippery Rock University of Pennsylvania, Slippery Rock, Pennsylvania
Master of Science in Education, December 2009 Major: Special Education

Clarion University of Pennsylvania, Clarion, Pennsylvania
Master of Science in Education, May 1999 Major: Science Education

Indiana University of Pennsylvania, Indiana, Pennsylvania
Bachelor of Science in Education, May 1996 Major: Chemistry Minor: Physics

CREDENTIALS

Pennsylvania Level II Certification in **Chemistry** (7-12), **Physics** (7-12), **English** (7-12), **General Science** (7-12), **Middle Level Science** (7-9), **Middle Level Mathematics** (7-9), and **Special Education** (N-12)

K-12 Trained, *Pennsylvania Student Assistance Program*

TEACHING EXPERIENCE

Full-Time Science Teacher, August 2010 to Present
Oswayo Valley Middle-High School, Oswayo Valley School District, Shinglehouse, PA 16748
Teaching Duties in Grades 6 through 12: Chemistry; Physics (Academic & Conceptual); Forensic Science; Physical Science; Science 7; Middle School Math Remediation
Professional Duties: *Student Assistance Program* member; grant writing

Full-Time Chemistry Teacher, October 2009 to June 2010
Mount Lebanon High School, Mount Lebanon School District, Pittsburgh, Pennsylvania 15228
Teaching Duties in Grade 11: Academic Chemistry (*Living By Chemistry* Curriculum)

Full-Time Science Teacher, August 2007 to August 2008
Union High School, Union School District, Rimersburg, Pennsylvania 16248
Teaching Duties in Grades 10 through 12: Chemistry I; Advanced Chemistry
Managerial Duties: Seventh-Grade Mentoring and Orientation Program Development Committee

Full-Time Science Teacher, August 2006 to June 2007
Antietam Middle-Senior High School, Antietam School District, Reading, Pennsylvania 19606
Teaching Duties in Grades 7, 8, and 10: Science 8 (Earth Science and Environmental Science focus); Science Skills for 7th Grade; ChemCom Applied Chemistry

Full-Time Science Teacher, August 2003 to August 2004

Cedar Crest High School, Cornwall-Lebanon School District, Lebanon, Pennsylvania 17042

Teaching Duties in Grades 9 through 12: Chemistry I College Prep; ChemCom Applied Chemistry;
Applied Physical Science (9th grade)

Professional Strengths: Learning-Focused Schools; computerized grading

Full-Time Science Teacher, September 1996 to August 2003

Commodore Perry School District, Hadley, Pennsylvania 16130

Teaching Duties: Chemistry I; Chemistry II; Physical Science (8th grade); General Science, including
Earth Science and Environmental Studies (9th grade); Gifted Science (grades 3-6)

Managerial Duties: Safety Committee, Induction Plan Committee, Act 48 Professional Development
Plan Committee

Professional Strengths: working with special education and gifted students, curriculum mapping,
individualized homebound instruction, grant writing, and middle school training

OTHER PROFESSIONAL EXPERIENCE

Curriculum Reviewer, January 2009 to April 2009; August 2009 to December 2009

Provost Systems, Inc., Santa Clara, California

Edison Learning, Inc., New York, New York

Duties included reviewing and critiquing online textbooks, lessons, and assessments for web-based
science curricula.

Executive Director, July 2004 to August 2006

Adoption Counselor, March 2003 to July 2004

International Families Licensed Adoption Agency, Philadelphia, Pennsylvania 19147

Duties included interviewing and visiting clients, addressing client concerns, writing and editing
homestudy reports, fulfilling administrative responsibilities relating to office management and
employee supervision, and interacting with other adoption agencies and state regulatory
departments

School Director, 1993 to 1996

Marion Center Area School District, Marion Center, Pennsylvania 15759

Duties included policy formulation and decision making with respect to the operations of the school
district

Intern Chemist, May 1994 to August 1994

Witco Corporation, Petrolia, Pennsylvania 16050

Performed duties of a B.S.-level chemist in an industrial setting that conformed to ISO 9001 standards
and procedures

Performed quality-control testing during the production of food-grade mineral oils

RECENT PROFESSIONAL DEVELOPMENT ACTIVITIES

Fellowship, Teachers for Global Classrooms Program, United States Department of State, 2012-13

Teachers for Global Classrooms Program Online Course, George Mason University

Field Experience in Ghana, March 2013

Conferences and Workshops

K-12 Bridge Training, Pennsylvania Student Assistance Program, January 2014

Chemistry Teacher Workshop, Ohio Northern University, June 17-21, 2013

Summer Nanotechnology Institute, University of Massachusetts-Amherst, July 2012

Student Assistance Program Training, Coudersport, Pennsylvania, April 2012

Professional Memberships

National Science Teachers Association

ASCD

Society of Analytical Chemists of Pittsburgh

Elementary/Middle School Equipment Grants Committee

Spectroscopy Society of Pittsburgh

K-8 Excellence in Science Teaching Awards Committee

The Society for Applied Spectroscopy (SAS) Local Section Undergraduate Award Committee

INTERACTIONS WITH STUDENTS IN SCIENCE BEYOND THE TRADITIONAL CLASSROOM

Advisory Duties

Oswayo Valley School District: Senior Class Advisor, Junior Class/Prom Advisor, Pennsylvania Junior Academy of Science, IU9 STEM Competition-Middle School Level

Union School District: Sophomore Class Advisor

Antietam School District: Yearbook Financial Advisor; Graduation Project Supervision

Commodore Perry School District: Junior Class Advisor, Prom Committee, Envirothon, Pennsylvania Junior Academy of Science, Mentoring Student Teachers