

**Charlotte Waters**  
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**Education:**

2004, 2009, 2011 University of Washington; Certificate in Physics by Inquiry

2011-2012 University of Florida; Pharmaceutical Chemistry Masters Certificate

2006-2010 Montana State University Bozeman; Masters of Science: Science Education

2004-2005 Seattle Pacific University; Professional Education Certificate

1997-2002 Central Washington University; Bachelor of Science: Biology, minors:  
Chemistry and Music.

**Educational Trainings:**

2008, 2014 AP Chemistry Workshop, Bellevue, Washington

2007, 2012 AP Biology Workshop, Vancouver, Washington and Spokane, Washington

2011-2012 Workshop Training with Sam Bennett and JoAnne Morrow in workshop  
teaching method.

2011 National Resource Council, Conference on Professional Learning Communities,  
San Francisco, California

2009 Standards Based Assessment Workshop with Rick Stiggins, Portland, Oregon

2009 Professional Learning Communities Symposium, Stevenson, Washington

2007 Food Safety, Food and Drug Administration, Washington D.C.

2006 Facets Instruction with Dr. Jim Minstrell, Vancouver Washington

2005 AP Environmental Science Workshop, San Marcos, California

2005 Teachers in the Woods, Eugene, Oregon.

## **Experience:**

2019 Washington Office Superintendent of Public Instruction, Washington  
Comprehensive Assessment of Science Development Committee Member

2016-Present Adjunct Professor, Washington State University Vancouver, Vancouver,  
Washington, Biology 430

2019 Washington Office Superintendent of Public Instruction, Committee Member,  
OSPI, Olympia, Washington: Locally Determined Classes and Locally Determined  
Assessments

2018 – 2019 Teacher on Special Assignment, Camas School District, Camas,  
Washington: Next Generation Science Standards Implementation Facilitator

2018 Washington Office Superintendent of Public Instruction, Committee Member,  
OSPI, Bellevue, Washington: Achievement Level Descriptors, Science

2019 Washington Office Superintendent of Public Instruction, Committee Member,  
OSPI, Olympia, Washington: Alternative Achievement Level Descriptors, Special  
Education

2016 – Present Teacher, Camas High School, Camas, Washington: Chemistry, Physical  
Science, Leadership

2014 – 2016 Teacher, Henrietta Lacks Health and Bioscience High School, Vancouver,  
Washington, classes: Chemistry, Honors Chemistry, AP Chemistry, AP Biology

2014 Alpine Testing Solutions, Incorporated, Test of Essential Academic Skills; Standard  
Setting Committee

2014 Washington Office Superintendent of Public Instruction, State Biology Scenario  
and Item Writing, Olympia Washington

2012 – 2013 Planning Committee for Henrietta Lacks Health and Bioscience High  
School, Evergreen Public Schools, Vancouver Washington.

2013 Washington Office of Superintendent of Public Instruction, State Biology End of  
Course Assessment, Pilot Range Finding, Olympia Washington

2004 – 2014, Heritage High School, Vancouver Washington, classes: PRE AP Biology,  
AP Biology, Chemistry, PRE AP Physics, Math and Oceanography.

2011 – 2013 Science Specialist, College, Career and Technical Education, Evergreen  
Public Schools, Vancouver, Washington: coaching teachers, planning and implementing  
professional development, data collection and dissemination.

2006-2010 Co Researcher, Supporting Teacher Research: Inquiry, Dialogue and Engagement, Washington State University, Vancouver Washington

2004-2009 Lead Teacher, Partnership for Reform in Secondary Science and Mathematics, collaboration between ESD112 and Washington State University, Vancouver Washington

2002 – 2004 Teacher; Sedro-Woolley High School, Sedro-Woolley Washington classes: Biology, Marine Biology, Physical/Earth Science and Pre Algebra.

2003 – 2004 Ocean Bowl Advisor; Sedro-Woolley High School, Sedro-Woolley Washington: planning field trips, directing practice, overseeing ASB funds and fundraisers, and planning for the state competition.

2004 Music Director; Sedro-Woolley High School, Sedro-Woolley Washington: directing music for the spring drama production, running rehearsal and performing in the production.

2002 – 2004 Credit Retrieval Coordinator/Teacher; Sedro-Woolley School District, Sedro-Woolley Washington: coordinating and teaching after school programs in science, math and health.

2002 Substitute Teacher, Bethel School District, Spanaway Washington

2002 Student Teacher, Bethel High School, Graham Washington, under the direction of Nancy Mouat-Rich: planning and implementing lessons in biology, anatomy and physiology, and marine biology.

1996-2008 Piano teacher: planning and implementing private piano lessons for students ranging in ability from beginner to early advanced.

2001 Teacher's Assistant, Central Washington University, Chemistry and Biology Departments: supervising labs, grading lab reports and keeping accurate records of grades.

2000-2001 Linder Chiropractic, Ellensburg Washington: billing, contacting insurance groups, keeping patient records intact and receptionist tasks.

1999-2000 Tutor, Central Washington University: working with individuals and groups to improve ability in the area of math.

### **Publications and Professional Presentations National and International:**

Nelson, T. H., LeBard, L., & Waters, C. (summer, 2010). How to create a professional learning community. *Science and Children*, p. 36-40

Nelson, T. H., Waters, C., & LeBard, L. (2009). Using classroom-based data to inform teaching. One hour interactive presentation at the National Science Teachers Association regional conference, Phoenix, AZ.

Nelson, T. H., LeBard, L., & Waters, C. (2009). Collaborative inquiry in PLCs: Using focus questions and classroom-based data to improve teaching and learning. One hour interactive presentation at the National Science Teachers Association regional conference, Phoenix, AZ.

Nelson, T. H. & Waters, C. (2009). Using classroom-based data to inform teaching. Invited symposium participant on Engaging with Teachers around Science Education Research at the annual meeting of the National Association for Research in Science Teaching. Garden Grove, CA.

Wanderscheid, S., Williams, M., Eldred, S., Waters, C., & Nelson, T. (2008). The Challenges and Successes of Supported Collaborative Inquiry. One-hour interactive presentation at the National Science Teachers Association regional conference. Portland, OR.

Waters, C. & Nelson, T. H. (2008). Collaborative inquiry in professional learning communities: Collecting and analyzing classroom data. Interactive Presentation at the Office of the Superintendent of Public Instruction Summer Institute. Tacoma, WA.

Nelson, T. H., Laurence, W. L., LeBard, L., Wanderscheid, S., Waters, C., & Williams, M. (March, 2008). Improving our practice: Teachers' stories about supported collaborative inquiry. Poster presentation at the annual meeting of the National Association for Research in Science Teaching. Baltimore, MD.

Laurence, W. L., LeBard, L., Nelson, T. H., Wanderscheid, S., Waters, C., & Williams, M. (March, 2008). Empowering teachers: Teachers advancing learning through inquiry. One-hour interactive presentation at the National Science Teachers Association national conference. Boston, MA.

Slavit, D., Archer, T., White, K., Waters, C, Irwin, B., & Laurence, W. (March, 2007). *PRiSSM PLC – Analyzing practice through collaboration*. Paper presented at the annual meeting of the National Science Teachers Association, St. Louis

Nelson, T. H., Waters, C., & White, K. (January, 2007). *Professional learning communities in science and mathematics: Collaborative inquiry for improving teaching and learning*. Poster presentation at the Association for Science Teacher Education international conference. Clearwater, FL.