

DILAFRUZ R. WILLIAMS
Professor, Graduate School of Education
Portland State University, Portland, OR 97201
(503) 830-6071; williamsdi@pdx.edu

EDUCATION

Ph.D. Cultural Foundations of Education & Curriculum, Syracuse University
C.A.S. Teaching, Curriculum & Learning Environments, Harvard University
M.Ed. Science Education, University of Bombay
M. Sc. Botany, University of Bombay
B. Sc. Botany/Chemistry, University of Bombay

PAST CERTIFICATION

Secondary Teaching: Science and Mathematics, India
Secondary Biology, substitute teaching: New York and Oregon Licenses

PROFESSIONAL EMPLOYMENT

Institution: Portland State University, Portland, Oregon, 1990 to Present
Departments: Educational Leadership and Policy (ELP), Graduate School of Education.

Department Chair, September 2004 to August 2007

- Leader/Administrator of ELP department that comprised 16 tenured/tenure-track/fixed-term faculty; over 50 adjunct faculty; 25 graduate assistants; 2 office support staff. Planned and offered ~ 100 courses per academic year including 60+ adjunct offerings/courses. Program areas: Educational Administration (K-12/Licensure); Foundations of Education (Philosophy, Sociology, History); Postsecondary and Continuing Education; Leadership in Sustainability Education; Leadership for Social Change (Undergraduate); Educational Leadership.

Co-founder, Leadership in Ecology, Culture, and Learning, now ***Leadership in Sustainability Education***, <http://www.pdx.edu/sustainability/profile/meet-professor-dilafruz-williams>), 2001 to present.

- Established entire Master's level academic program.
- Initiated and designed **Learning Gardens** (<http://www.pdx.edu/elp/learning-gardens-laboratory>), at several schools in Portland addressing local farm-to-school food and nutrition issues and integration into major curricular goals, K-8. Awarded over \$500,000

Co-founder, Environmental Middle School (now ***Sunnyside K-8 Environmental School***), Portland Public School District, 1995 to present (<http://www.sesptsa.org/>).

Visiting Scholar, Stanford University, September 1996-April 1997; January-September 2012.

- Research resulted in book: ***Ecological Education in Action: On Weaving Education, Culture, and the Environment***, published in 1999.
- Pursuing research for new book on ***Teaching STEM in the Learning Gardens*** and building a bi-state (Oregon and California) multi-institutional partnership with Bay area Higher education and K-12 schools

Co-Founder and Coordinator, Leadership for Social Change, Sophomore and Junior cluster for University Studies General Education program, 1999 to 2008.

- Started a national award-winning cluster that is robust and popular.
- Designed the cluster and supported interdisciplinary courses and coordinated 33 courses across schools and colleges – mostly undergraduate.

Director, Community-University Partnerships, Center for Academic Excellence, Office of Academic Affairs, January 1999 to September 2000.

- University-wide administrative position based out of the Provost's Office. Faculty development for community-based learning. Awarded \$810,000 in national competitive grants. PSU ranked nationally among the *top five universities* for this work.

Professor, 1998 to present; **Associate Professor**, 1994-1998; **Assistant Professor**, 1990-1994.

Institution: Syracuse University, Syracuse, New York, 1982-1990

Director and Assistant Professor, Urban Teacher Preparation/ Elementary Graduate Teacher Preparation Program, Division for the Study of Teaching, School of Education, 1989-1990.

Research Associate, Office of Supportive Services, 1985-1988.

- Initiated and directed research and evaluation studies to recruit and support racial minorities and economically/academically disadvantaged students; Designed, established, and managed databases. Wrote multi-year grants. Awarded \$2.1 m in grants.

Assistant Director, Science & Technology Entry Program, 1986-1988

- Designed, developed and administered academic component of Science and Technology Entry program for grades 7-12, on college campus.

DISSERTATION

Williams, D. R. *Democracy and civic education*. Unpublished doctoral dissertation, Syracuse University, Syracuse, New York.

REFEREED PUBLICATIONS

Books

Williams, D. R. and Brown, Jonathan D. (2012). *Learning gardens and sustainability education: Bringing life to schools and schools to life*. New York: Routledge.

Smith, G. A. and Williams, D. R. (Eds.) (1999). *Ecological education in action: On weaving education, culture, and the environment*. Albany, NY: SUNY.

Selected Book Chapters

Williams, D. R. (2011). Multiculturalism and sustainability education: Engagement with urban school communities via food and Learning Gardens. In McDonald, T. (Ed.), *Social responsibility and sustainability: Multidisciplinary perspectives through service learning*, Pp. 146-161. Sterling, VA: Stylus.

Smith, G. A. & Williams, D. R. (2004). Ecological education: Extending the definition of environmental education. In Seymour, M. (Ed.). *Educating for humanity: Rethinking the purposes of education*. Pp. 161-174. Reprinted from the *Australian Journal for Environmental Education (1999/2000)*.

- Williams, D. R. and Taylor, S. (1999). From margin to center: Initiation and development of an Environmental School from the ground up. In G. A. Smith and D. R. Williams (Eds.). *Ecological education in action: On weaving education, culture, and the environment*. Albany, NY: SUNY.
- Smith, G. A. and Williams, D. R. (1999). Reengaging culture and ecology. In G. A. Smith and D. R. Williams (Eds.) *Ecological education in action: On weaving education, culture, and the environment*. Albany, NY: SUNY.

Selected Journal Articles

- Williams, D. R. (2012, March). 4 inches of soil: Teaching biodiversity in the Learning Gardens. A photo-essay. http://www.jsedimensions.org/wordpress/content/4-inches-of-living-soil-teaching-biodiversity-in-the-learning-gardens-a-photo-essay_2012_03/
- Williams, D. R. & Brown, J. D. (2011, March). Living soil and sustainability education: Linking pedagogy and pedology. *Journal of Sustainability Education 2*.
<http://journalofsustainabilityeducation.org/ojs/index.php/jse/article/view/36>
- Williams, D. R. & Brown, J. D. (2010). Living soil and composting: Life's lessons in the Learning Gardens. *Clearing Magazine, Compendium Issue*.
- Williams, D. R. (2008). Listening to nature: Cultivating ecological literacy through Learning Gardens. *Oregon English Journal, 30*(1): 12-15.
- Williams, D. R. (2008). Sustainability education's gift: Learning patterns and relationships. *International Journal of Education for Sustainable Development, 2* (1):45-50.
- Smith, G. A. & Williams, D. R. (1999/2000). Ecological education: extending the definition of Environmental education. *Australian Journal for Environmental Education 15*:139-146.
- Williams, D. R. & Smith, G.A. (1996). The greening of pedagogy: Reflections on balancing hope and despair. *Holistic Education Review 9*(1):43-51.
- Williams, D. R. (1993). The unity of learning and living for ecological sustainability: Gandhi's educational philosophy in practice. *Holistic Education Review 6*(3):18-22.
- Williams, D. R. (1995). Think ecologically, act locally. *Holistic Education Review 8*(2):52-54.
- Williams, D. R. (1992). The outdoor school: Reverence and connectedness. *Holistic Education Review 5*(3):36-40. Reprinted in C. E. Flake (Ed.), *Holistic Education: Principles, Perspectives, and Practices*, pp. 92-98. Brandon, VT: Holistic Education Press.

NON-REFEREED PUBLICATIONS

Curricular Teacher Resource Manuals

- Dardis, G., Parajuli, P., & Williams, D. (2007). *Seasonal Garden Curriculum for Grades 6-8 Using Oregon benchmarks in Science, Mathematics, Social Studies, Language Arts*. Portland State University (PSU) and Portland Public School (PPS) District.

Resource Guide

Williams, D. R. (2004). *Germinating the Seeds of Environmental Education: A Resource Guide for Environmental Curriculum and School*. PSU and PPS.

Teacher Manuals

Williams, D. R. (Ed.). (1990). *Cooperative Learning Instructional Adaptations: A Manual of Lesson Plans*. * Syracuse, NY: Syracuse University/Syracuse City School District. (Science, Social Studies, Mathematics, English/Reading).

SERVICE/OUTREACH TO COMMUNITY & PROFESSION – Selected

Portland School Board Member. Elected citywide, 2003-2007; Re-elected in 2007-2011

- 47,000 preK-12 students in 90 district-operated schools, 6 charter schools, 20 community-based alternative education programs, and 18 special services programs with 40+% non-white students, 100+ native languages spoken within the district. Annual budget: **\$600+ million; Staff: over 5,300. Co-Chair** (2007-2009).

Board member and/or member of dozens of organizations since 1990 in Portland including:

- Portland Schools Foundation
- Oregon Governor's Initiative on Sustainable Schools
- Watershed Council
- Oregon Museum of Science and Industry's Sustainability Exhibit funded by NSF.

Council of the Great City Schools Council comprises **65** of the largest urban school districts with **7 million** children. Serves as a research, policy, and advocacy body (www.cgcs.org)

- **Chair:** 2010-2011. **Executive Board Member:** 2003-2011 Task Force on Closing the Achievement Gap and Professional Development. **Secretary Treasurer:** 2008-2009
- **Invited to White House**, meeting with Education Secretary, Arne Duncan, March 2009, to discuss stimulus funding and achievement gap.

Invited by the **Spencer Foundation** as one of 12 scholars across the country to establish a new initiative on Civic Engagement, 2008. Invited by the **Kettering Foundation** as one of 15 policy-makers to develop their new initiative on School Board Policy-making, 2008.

Editorial Board member/Reviewer, *Canadian Journal of Environmental Education*, *Australian Journal of Environmental Education*, *Encounter: Education for Meaning and Social Justice*, *Journal of Sustainability Education*. **Book Reviewer** for academic presses.

Fulbright Selection Panelist for the 2012-2013 Distinguished Fulbright Awards in Teaching.

Evaluator, The Higher Learning Commission of the North Central Association of Colleges and Schools. Review Prescott's application for Ph.D. in Sustainability Education, 2005.

American Educational Research Association, Wholistic Education-SIG. **President**, (1992-1995); **Program co-chair** (1990-1992); **Chair:** 1990-1992. Ecological and Environmental Education--SIG, **President**, 1999-2000.

CONFERENCE PRESENTATIONS – Over 100, national and international

HONORS, GRANTS, FELLOWSHIPS - Selected

Received over \$5.15 million from private foundations and public agencies, regional and national. Set up and managed budgets, hired personnel, leveraged resources through partnerships, integrated with teaching and scholarship.

Selected Candidate for **Fulbright Senior Scholar** Roster, Council for the International Exchange of Scholars, 2007-2012.

Special Recognition Award, for Outstanding Leadership and Service to the **Council of the Great City Schools** and the millions of urban children it serves, Washington, D.C., March 2011.

Jimmy and Rosalynn Carter Partnership Award for Campus-Community Partnership at Portland State University. **Finalist**. 2009.

Selected Grants

Principal Investigator. Spencer Foundation research grant, 2010-2011. *The Effects of Garden Based Learning on Academic Outcomes*. \$40,000.

Principal Investigator. Oregon Community Foundation grant, 2007-2008. *Curriculum and Teacher Development for Learning Gardens: Academic Achievement, Multiculturalism, and Health*. \$28,600.

Co-Principal Investigator. Comcast/Portland Schools Foundation grant, 2006-2009. *Learning Gardens for Portland Public Schools: Health, Multiculturalism, and Academic Achievement*. \$75,000.

Co-Principal Investigator. Metro Nature in the Neighborhood Program, 2006-2007. *Restoring Johnson Creek Watershed Through Learning Gardens in Schools and Neighborhoods*. \$25,000.

Co-Principal Investigator. City of Portland, Portland, Oregon, 2005-2006. *60th Avenue Learning Gardens Laboratory: Health, Multiculturalism, and Academic Achievement*. \$125,000.

Principal Investigator, EcoWorks Foundation, Portland, 2004-2005. *Dissemination of the Environmental Middle School Model in Public Schools*, \$33,000.

Principal Investigator, Osozaki Foundation, Portland, 2001-2003. *Germinating the Seeds of Environmental Education: A Resource Guide for Curriculum and School*. \$10,000.

Co-Principal Investigator, Oregon Solutions grant, Center for Academic Excellence, Portland State University, 2003-2007. *Food-Based Environmental Education Design*. \$21,000.

Co-Principal Investigator, Funds for the Improvement of Post-Secondary Education, 2000-2003. *Civic Capacity Initiative: Integrating Liberal Arts and Professional Education*, \$350,000.

Principal Investigator. Learn and Serve Grant, Corporation for National Service, 2000-2003. *Students Addressing Inequality and Diversity through Civic Responsibility*. \$240,000.

Principal Investigator, Learn and Serve Grant, 1999-2001. Corporation for National Service.
Students Serving the City: \$212,000.

Co-Principal Investigator, Watershed Stewardship Education Community Program, 1999-2000.
Watershed stewardship education. Partnership with Bureau of Environmental Services and watershed councils. \$140,000 for two years.

Coordinator, Roosevelt cluster; technical and conceptual assistance for writing, Urban Services Grant, Nov 1992 - April 1993. *Endangered urban children and youth: Building caring communities through urban university/community partnership*. USDE; \$1.6 million.

Grants/Awards at Syracuse University

Assistant Director, technical assistance and conceptual development, 1986-1988. Project: *Science and Technology Entry Program and Structured Educational Support Program*. Awarded by the New York State Education Department. Approx \$200,000 per year for 3 years.

Research Associate, technical assistance, 1986-1988. Projects: *Higher Education Opportunity Program and Special Services Program*, awarded by New York State Education Department & USDE respectively; approx. \$750,000 per year for 2 years.

Fellowships/Harvard University

Fellowships, competitive award, India, for graduate study at Harvard University.

INVITED KEYNOTES, SYMPOSIA, PANELS, WORKSHOPS

Over 50 invited keynotes, panels, workshops, across twenty states, USA, plus in **International**: Australia: Brisbane; Europe: London, Paris, Turkey; Asia: India, Nepal; North America: Canada, Mexico. TOPICS:

- Sustainability Education, Environmental Education, Learning Gardens-Curriculum Design, Garden-Based Education Research
- Service-Learning, Community-University-School Strategic Urban Partnerships
- K-12 policy; Diversity and Social Justice