

Dawn M. Pickard

Associate Professor

School and Education and Human Services

Oakland University

pickard@oakland.edu

Education

Eastern Illinois University, Charleston, IL	BS	1970	Biology Education
Governor's State University, Park Forest, IL	MA	1977	Environmental Science & Education
Purdue University, W. Lafayette, IN	PhD	1988	Biology & Education; Cognates: Anthropology & Assessment

Experience and Honors

Science & Math Teacher (1974-81), Department Chair, K-12 Consultant (1976-81): School District #154, Thornton IL.

Research Assistant, SSTP Summer Programs, University of Iowa (1978-79)

Research Assistant: 'Girls in School: Women in Science (NSF-83-SP-0798), Purdue University (1984-86)

Test and Curriculum Developer (1984-86: NSF-DPE-8470523): Science for Rural Girls: Educational Equity through Master Teaching, Purdue University

University Supervisor Secondary Biology Education Student Teachers (1984), Purdue University

Test Item Validation Expert (1984-summer) for Basic Science Curriculum Studies (BSCS), Boulder CO

Instructor: Sci401: Social Implications of the Natural Sciences, Purdue University (1984-87)

Assistant Professor, Biology (1988), Anderson College (now University), Anderson, IN

Assistant Professor, Curriculum, Instruction & Leadership (1989-95), Oakland University

State/Regional Director, Science Education: Michigan Schools (SEMSproject) (1990-94)

President, Michigan Science Leaders Association (1994)

Dow Fellow (1992, summer) University of California, Berkeley: Lawrence Hall of Science

Michigan State Systemic Initiative (MSSI), Regional Director (1993-95)

Associate Professor, Curriculum, Instruction & Leadership (1996-present)

State/National Consultant, Equity Issues in STEM (1990-present) Education

Program Director, National Science Foundation (1997; Senior Program Director Winter 98): Programs for Women and Girls

Associate Dean, School of Education and Human Services (SEHS) (1998-2009), Oakland University

Review Board, Electronic Journal of Science Education (1995-2004)

Journal of the Association for Research in Science Teaching, Review Board (2001-04)

NCATE/NSTA Program Review, Team Leader (2005-present)

Consultant/External Program Reviewer (2005-06), James Madison University: Undergraduate Preparation in the Sciences.
2006-present: Evaluator, *Michigan Teachers' and Students Honey Bee Apiary Project for Ecology (MITSHAPE)*;
Environmental Protection Agency,

SEHS Leadership Award (2007)

2005-2009-External Evaluator, Expert Review Panel: Project Based Learning, NSF 030534

National Council for the Accreditation of Teacher Education Board of Reviewers (2009-present)

Institutional Review Board, Oakland University (2011-)

Select Publications

Pickard, Dawn & Kathryn Linden. (1989) A quantitative investigation concerning scientific literacy among high school & undergraduate science education majors. Proceedings, National Association of Research in Science Teaching Annual Meeting, March 27-31, 1989 . San Francisco, CA.

Linden, Kathryn & Dawn Pickard. 1989. Comparison of perceptions of scientific literacy by male and female college students. Contributions, Fifth Gender and Science and Technology International Conference, Spt. 17-22. Technion-Israel Institute of Technology, Haifa, Israel.

Pickard, Dawn. (1991). Issues of equity and quality in science curriculum development. Proceedings, Sixth International Gender and Science and Technology Conference. Melbourne, Australia (July 14-19, 1991)

Pickard, Dawn, Dennis Travis & Deb Lange (1994). Designing a district model to promote curricular integration. SPECTRUM Journal of School Research and Information. Vol. 12, NO. 3.

Pickard, Dawn. (1995) The interaction of gender with ethnicity: A war beyond culture. In Scantlebury & Baker (ed.) Science Co-Education: Perspectives on Gender and Ethnicity in Science Classrooms. Monograph #7. Nation Association of Research in Science Teaching.

Pickard, D., Dennis Travis & Deb Lange (1999). Revisiting a district model to promote

curricular integration. SPECTRUM Journal of School Research and Information. Vol. 17,

NO. 1.

Pickard, Dawn. (Principal Author, 1991) Monograph # 10: Issues of Equity & Quality in K-12 Science

Curriculum Development. Northern Michigan University Press

Pickard, D., and Fетters, M (2001). Science education for students with learning disabilities:

At what cost? Proceedings. National Association for Research in Science Teaching

Conference, St. Louis, MO . April 2001.

Fетters, M. and Pickard, D. (2003, March). Science education for students with learning

disabilities, practical solutions for science teachers. Science Scope, NSTA, Arlington, Va.

Wendell, D.L and Pickard, D. (2007). Teaching human genetics with mustard: rapid cycling

Brassica rapa (Fast Plants type) as a model for human genetics in the classroom laboratory.

CBE-life Sciences Education, 6: 179-185

Wendell, D.L. and Pickard, D. (2011). Development of genetics laboratory experiments using *B. rapa*. Proceedings, Association of Biology Laboratory Educators.