

PROFESSIONAL VITA
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Professional Objectives

Science Education and Instructional Leadership

Professional Experience Summary

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| Science Curriculum Specialist —Milwaukee Public Schools (MPS) | 2001 – present |
| Project Manager —University of Wisconsin-Milwaukee | 2000 – 2001 |
| Curriculum/Professional Developer —Milwaukee Public Schools | 1999 – 2000 |
| Teacher Facilitator —Milwaukee Public Schools | 1998 – 1999 |
| Instructor —Alverno College | 1998 – present |
| Science Teacher —Milwaukee Public Schools | 1994 – 1998 |
| Marketing Supervisor —Miller Brewing Company | 1985 – 1993 |
| Microbiologist —Miller Brewing Company | 1979 – 1985 |

Education Experience

Milwaukee Public Schools

Science Curriculum Specialist

Lead the development and implementation of the K-12 science curriculum 2001 – present

University of Wisconsin-Milwaukee (UWM)

Project Manager--MPS/UWM Title II Teacher Quality Grant 2000 – 2001

Managed U.S. Department of Education teacher quality grant

MPS/Compton Fellowship Program

Curriculum/Professional Developer and Grant Manager 1999 – 2000

Developed curriculum and provided professional development for 150 middle grades teachers. Managed AmeriCorps Education Award Grant program for 107 members

MPS Educational Services

Teacher Facilitator-Middle Grades Learning Proficiencies 1998 – 1999

Implemented and facilitated promotion/graduation requirements process

Alverno College/Compton Fellowship Program

Instructor 1998 – 2001

Instructed MPS middle school teachers in science teaching & learning

Alverno College, Master of Arts in Education

Instructor 1998 - present (summers)

Instruct graduate class for approximately 20 students, *Scholarship of Teaching*

MPS Milwaukee Urban Systemic Initiative (MUSI)

Mathematics/Science Resource Teacher 1997 – 1998

Supported the development and implementation of MPS science and mathematics curriculum

MPS Riverside University High School

Science Teacher 1994 – 1997

Taught approximately 120 ninth and tenth grade students biology and physical science content and skills

Education Experience (continued)

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| Alverno College—Assessing Learning Project Facilitator | 1996 – 2000 |
| Instructed approximately 70 MPS high/middle school educators in performance assessment and action research | |
| University of Wisconsin-Milwaukee Research Specialist, Biological Science | 1995 summer |
| Conducted biomedical research in endocrinology and wrote related lesson plans for high school teachers | |
| Alverno College Teaching Assistant | 1994 fall |
| Assessed 30 freshman college students' communication skills (analytical writing, reading, and listening) | |
| University of Wisconsin-Milwaukee Associate Lecturer | 1994 summer |
| Instructed 15 freshmen premedical students basic study skills | |
| Miller Brewing Company/Milwaukee Tutorial Program Tutor | 1990 – 1993 |
| Tutored third through sixth grade students from MPS 37 th Street School | |

Formal Education

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| Master of Arts in Education—Director of Instruction Alverno College | 1998 |
| Middle and Secondary Teaching Certification—Science Alverno College | 1996 |
| Bachelor of Arts—Biology/Chemistry Alverno College | 1981 |

Certifications

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| Director of Instruction, Wisconsin Department of Public Instruction |
| Middle and Secondary Science (6-12), Wisconsin Department of Public Instruction |
| National Board Certified Teacher--Early Adolescence Science, National Board for Professional Teaching Standards |
| National Leadership & Assistance for Science Education Reform—K-8 Science Education Strategic Planning Institute, Smithsonian/The National Academies – National Science Resources Center (NSRC) |
| Culturally Competent Evaluator, Howard University School of Education, Evaluation Training Institute, 2003 |
| Urban Teacher Perceiver, Milwaukee Public Schools and the Gallup Organization |

Professional Development Workshops Conducted

Alverno College National Council for Education, Milwaukee, WI., October, 2003, *Helping All Children Succeed*

Compton Fellowship Teacher Certification Program, *Information Session on National Boards*, December, 2002

UW-Milwaukee School of Education Urban Forum, Milwaukee, WI., October 2002, *The Relevance of Culture in Evaluation and Assessment*

Phi Lambda Theta, Milwaukee, WI, February 2002, *National Boards for Professional Teaching Standards, Early Adolescence/Science*

Alverno College/Helen Bader Foundation, Milwaukee, WI, January 2001 -- present
National Board for Professional Teaching Standards Certification Pre-Candidate Workshop

CESA 5 AND CESA 9, Mosinee, WI, May 2001, *What Teachers Should Know about the National Boards for Professional Teaching Standards Certification?*

National Science Teachers Association Midwestern Area Convention, Milwaukee, WI, October 2000, *Inquiry-Based Science Teaching and Learning and Preparing Science Teachers through an Alternative Certification Program*

Miller Brewing Company Milwaukee Tutorial Program, September 2000, *Multiple Intelligences*

Compton Fellowship Program, December 1999, *Service Learning*

MTEA Information Session for National Boards for Professional Teaching Certification—MPS Teachers, October 1999, *The Process and Portfolio Review*

National-Louis University Metro Milwaukee Teacher Forum, Milwaukee, WI, October 1999
Inquiry-Based Science Teaching and Learning

Milwaukee Public Schools New Teacher Preservice Academy, August 1998 and 1999, *Strategies for Effective Science Teaching at the High School Level and MPS Middle Grades Learning Proficiencies*

National Boards for Professional Teaching Standards (NBPTS), May 1998, *Pilot for Early Adolescence Science Portfolio*

Milwaukee Urban Systemic Initiative in Science and Mathematics, Milwaukee, WI, March 1998,
Science Performance Assessment

Equity 2000 Institute: Teachers and Counselors Collaborating for Student Success in Mathematics and Science, Memphis TN, July 1997, *Assessments Embedded in Instruction: Integrating Mathematics and Biology and Student Choices in Assessment*

Presentations at Professional Meetings

- Metropolitan Milwaukee Association of Black School Educators**, October 2001, *What Teachers Should Know about the National Boards for Professional Teaching Standards Certification?*
- American Association of Colleges for Teacher Education**, Dallas, TX, March 2001, *The Role of the Teachers-in-Residence-Title II Teacher Quality Grant*
- Association of Teacher Educators**, New Orleans, LA, February 2001, *The Role of the Teachers-in-Residence-Title II Teacher Quality Grant*
- Urban Network to Improve Teacher Education**, Milwaukee, WI, October 2000
Milwaukee Public Schools Teacher Recruitment and Retention
- Using Performance Assessment to Transform Learning, Alverno College /Joyce Foundation**, April, 2000, *The Milwaukee Public Schools Middle Grades Learning Proficiencies Process*
- American Association of Colleges for Teacher Education**, Chicago, IL, February 2000
Moral Implications of High Stakes Testing
- The College Board Upward Bound: Bound for Success, 3rd Annual Summer Institute**, Washington, DC, July 1999, *MPS Graduation and Promotion Requirements*
- Title I Spring Orientation & Training Conference**, Milwaukee, WI, June 1999,
MPS Middle Grades Learning Proficiencies
- Midwest Regional Conference on Education Black Children**, Milwaukee, WI, March 1999,
MPS Middle Grades Learning Proficiencies
- National High School Association Fourth Annual Conference**, Milwaukee, WI, January 1999,
MPS Middle Grades Learning Proficiencies
- Midwest School Improvement Conference, Hot Topics: Cooler Near the Lake**, Milwaukee, WI, October 1998, *MPS Middle Grades Learning Proficiencies: An Overview*
- Northwest Suburban Education to Careers Partnership Regional Conference**, Arlington Heights, IL, November 1997, *Student Portfolios and Assessments*
- National Louis University-Master of Education Program**, Milwaukee, WI, April 1997,
Learning Theories
- Pathways to Teaching Careers Graduation**, Milwaukee, WI, May 1996, *How Pathways Serves as a Resource Center*
- Milwaukee Area Technical College's Third National School-To-Work Conference**, Milwaukee, WI, March 1996, *Riverside University High School's Integrated Health Occupations Program*
- American Association of Colleges for Teacher Education, 48th Annual Meeting**, Chicago, IL, February 1996,
Alverno College Assessment Process

Other Presentations

University of Wisconsin-Milwaukee, May 2002, June 2001 and March 2000, *So You Want to be a Teacher Day*

Fifth Annual CHOICES Program, MPS Longfellow Elementary School, May 2000 and 1999, *Science as a Career Choice*

Educational Parent Forum-102, Midwest Parent Leadership Project, December 1999, *Parents and the MPS Middle Grades Learning Proficiencies*

University of Wisconsin-Milwaukee, Quest Project, November 1999 and 1998, *Parents and the MPS Middle Grades Learning Proficiencies*

Milwaukee Public Schools Principal's Institute, June 1999, *The Middle Grades Proficiencies Process*

Career Week, MPS Curtin Elementary School, May 1999, *Careers in Science – Microbiologist*

Urban Teacher World Exploration Program, Alverno College and University of Wisconsin-Milwaukee, March 1999, *How Do You Envision (See) a Scientist?*

Research Projects

A Framework to Help Move Teachers Toward and Inquiry-based Science Teaching Approach, Alverno College, Master of Arts in Education, 1998

Do Students Attitudes and Perceptions about Science Affect Their Performance in Science? Alverno College, Master of Arts in Education, 1997

Hormonal Reaction to Stress, National Institutes of Health/University of Wisconsin-Milwaukee Teacher Summer Intern Program, 1995

Fat Intake and its Affect on Aging, National Institutes of Health/University of Wisconsin-Milwaukee Teacher Summer Intern Program, 1995

The Effects of Simulated Weightlessness on Growth Hormone Secretion, National Institutes of Health/University of Wisconsin-Milwaukee Teacher Summer Intern Program, 1995

Publications

A Framework to Help Move Teachers Toward and Inquiry-based Science Teaching Approach, U. S. Department of Education, Educations Resources Information Center (ERIC), 1999

Testing the Waters and Winning With Math and Science Milwaukee Urban Systemic in Science and Mathematics, COSMIC Rays-MUSI Profiles, 1997 and 1998

My National Institutes of Health Minority Research Apprenticeship Riverside University High School, The Tiger Times, 1995

Grant Experience

Milwaukee Public Schools/National Science Foundation, Mathematics and Science Partnership Program, writer, December 2003

Private Industry Council/Workforce Attachment and Advancement Program, coordinator, July 2000 - September 2001

Title II Teacher Quality Grant, grant manager, March 2000 – August 2001

AmeriCorps Education Award Grant-Compton Fellowship Program, grant manager and reapplication writer, August 1999 – March 2000

GEAR UP Program, MPS grant proposal review committee, 1999

Eisenhower Grant Review Committee, Eisenhower Professional Development Program, University of Wisconsin System, K-12 reviewer for science and mathematics grants, 1998-present

Milwaukee Urban System Initiative – Milwaukee Public Schools/National Science Foundation, mathematics and science resource teacher, 1997-1998

Goals 2000 Grant for Science, Mathematics and Technology, wrote, awarded, and facilitated implementation of \$10,000 grant for Malcolm X Middle School, Milwaukee, WI, 1998

Professional Development in designing successful grant proposals, Alverno College Master's Program, 1998 and Pathways to Teaching Careers Seminar, 1996

Honors and Awards

Milwaukee Public Schools Board of School Directors, Excellence in Education Award, January 2001

Alverno College Women in Science Program, Keynote Speaker, March 1997

Classroom visit by TheodoreSizer of the Anneberg Institute/Coalition of Essential School, Riverside University High School, 1996

National Institutes of Health Minority Research Apprentice Summer Institute, University of Wisconsin-Milwaukee, 1995

Wisconsin Minority Teacher Scholarship, Dwight D. Eisenhower Mathematics and Science Education Program, University of Wisconsin-Milwaukee, 1994 and 1995

Milwaukee Pathways to Teaching Careers Program, Pathway Scholar/Alumnus, 1994-present

YMCA Black Achievers Program, 1990

Today's Girls/Tomorrow's Women (TGTW), nominated for Community Service Award, 1987

Miller Brewing Company Community Service Award, "Corporate Citizen of the Year" 1984

Featured in the following Communications

Accomplished Teacher, National Boards for Professional Teaching Standards, *Teaching as a Second Career*, 2002

Alverno College Billboard Campaign, *Mary E. Staten, Degree: Education, Major: Self confidence*, 2001

Compton News, *21st Century Teachers: National Board Certification*, Summer 2001 and *Leadership: Unprecedented achievement*, Winter 2001

Alverno Today, *Alverno garners national teacher preparation honors: Teaching profession's highest honor*, March 2001

University of Wisconsin-Milwaukee, *Research Profile, Teachers-in-Residence. Program enlists help of experience MPS teachers to help prepare future and beginning teachers*, Spring 2001

The Milwaukee Community Journal, *Far more than just a science teacher*, February 2001

National Public Radio, WUWM-FM, *MPS Middle Grades Proficiencies*, August 1998

Milwaukee Journal Sentinel, *Learning and Education, Alverno's hands-on approach: Weekend master's program focuses on practical teaching*, January 1998

Riverside University High School (RUHS), *The Tiger Times, Girls Just Wanna Have Fun: Alverno College Women in Science Workshop*, 1997 and *RUHS Women in Science Set High Standards*, 1995

Professional Membership

Association for Supervision and Curriculum Development (ASCD)

National Board for Professional Teaching Standards (NBPTS)

National Science Teachers Association (NSTA)

Wisconsin Elementary and Secondary Science Teachers (WEST and WSST)

Wisconsin Science Leadership Association (WSELA) and Wisconsin Science Network (WSN)

Metropolitan Milwaukee Alliance of Black School Educators (MMABSE)

Urban Network to Improve Teacher Education (UNITE)

Community Involvement

Alverno College Alumnae Association, board member

Alverno College Women in Science Program, guest professional (facilitator, panelist)

Compton Fellowship Teacher Education Program, community board member

The Urban Teacher World Exploration Program, organizer, presenter

Miller Brewing Company Milwaukee Tutorial Program, consultant, presenter, former tutor

Partnerships in Mathematics and Science (P.I.M.S.) Olympics Omega Chapter, coach