

CATHERINE J. NELSON, Ed.D.

EDUCATION:

Aurora University, Aurora, Illinois, 2004 - 2007

Educational Doctorate in Leadership in Curriculum and Instruction, December 2007

- Dissertation Topic: *Pre-Service Teacher Confidence Levels: The Effect of an Urban Professional Development School Experience*
- Cumulative Grade Point Average: 4.00/4.00

Governors State University, University Park, Illinois, 1995 – 1997

Master of Arts in Mathematics Education, December 1997

- Middle School Endorsement
- Cumulative Grade Point Average: 4.00/4.00

University of Illinois, Champaign-Urbana, Illinois, 1988 – 1992

Bachelor of Science in Education, December 1992 with Honors

- Concentration in mathematics
- Cumulative Grade Point Average: 4.531/5.00

TEACHING EXPERIENCE:

Assistant Professor

University of St. Francis, Joliet, Illinois, August 2004 – Present

- Responsible for teaching Methods of Math and Methods of SS/Science classes to undergraduate IFE students and Methods of Math to Graduate Students
- University Liaison to the PDS schools of Joliet School District 86
- Helped develop and team teach BIO 116, Life Science for Educators and BIO 194, Physical Science for Educators

Visiting Instructor

University of St. Francis, Joliet, Illinois, August 2003 – August 2004

- Responsible for teaching Methods of Math and Methods of SS/Science classes to undergraduate IFE students
- Representative for adjunct instructors at COE Academic Assembly meetings

Adjunct Instructor

University of St. Francis, Joliet, Illinois

Moraine Valley Community College, Palos Hills, Illinois

Waubensee Community College, Sugar Grove, Illinois

Joliet Junior College, Joliet, Illinois

June 1998 – August 2003

Elementary / Junior High Teacher

St. Joseph School, Manhattan, Illinois, August 1992 – June 1998, August 2001 – June 2002

- Responsible for teaching primarily fifth and sixth grade math and science; also seventh grade math and science and sixth grade language arts, social studies, and religion

MENTORING EXPERIENCE:

Professional Contribution Project Mentor

University of St. Francis, Joliet, Illinois, January 2003 – August 2006

- Responsible for approving Professional Contribution Proposals of Graduate Students and working with them through the process of completing their projects

Field Experience Supervisor

University of St. Francis, Joliet, Illinois, September – December 2002, January 2005 – May 2005, August 2007 – December 2007

- Completed supervisory duties at the Beginning and Advanced Field Experience levels

Cooperating Teacher

St. Joseph School, Manhattan Illinois, September – December 2001

- Worked with three students from the University of St. Francis in the Beginning Field Experience Program

OTHER PROFESSIONAL EXPERIENCE:

Textbook Reviewer

John Wiley & Sons, Inc, 2005

- Reviewed Two Chapters in Elementary Social Studies Methods, 1e.

Technology Trainer

Homer Junior High School, Lockport, Illinois, September 1998 – June 1999

- Worked with teachers to integrate technology into curriculum units

SCHOLARSHIP

External Publications

Nelson, C. (2007). *Pre-Service teacher confidence levels: The effect of an urban professional development school experience.* Unpublished dissertation.

Internal Publications

Lueck, J., Nelson, C., & White-McNulty, L. (2008). *The College of Education Lesson plan handbook.* Joliet, IL: IKON Document Service.

Nelson, C. (2007). *Standard 1 Section of the Institutional Report for the National Council of Accreditation of Teacher Education (NCATE).* Unpublished paper.

Presentations:

Content Courses for Educators. Presentation given (with W. Bromer and S. Diab) at the Associated Colleges of Illinois (ACI) Arts and Sciences Colloquium, September 2007, Deerfield, Illinois.

The Collaborative Action Research Process: The Joliet Professional Development School Partnership. Presentation given (with L. White-McNulty) at the National Association of Professional Development Schools National Conference, March 2007, Las Vegas, Nevada.

The Lesson Plan Workshop for University Supervisors. Presentation given at the College of Education Fall 2007 Supervisor In-service, August 2007, Joliet, IL.

Action Research: One Cornerstone of an Innovative Professional Development School Partnership. Presentation given (with B. Ingold, J. Udovich, and L. White-McNulty) at the Illinois Association of Teacher Educators Fall 2006 Conference, October 2006, Galesburg, Illinois.

Theory into Practice: An Innovative Model of a PDS. Panel Presentation given (with J. Gambro, A. Benish, M. McCarthy, L. Althoff, J. Udovich, and J. Richards) at the National Association of Professional Development Schools National Conference, March 2006, Orlando, Florida.

Math Centers. Presentation at Faculty In-service Day at A.O. Marshall Elementary School, March 2006, Joliet, Illinois.

Understanding the Whole Child: The Power of a PDS. Poster Presentation given (with J. Gambro and A. Benish) at the American Association of Teacher Educators National Conference, January 2006, San Diego, California.

Professional Development Schools. Presentation given (with W. Bromer and S. Diab) at the Associated Colleges of Illinois (ACI) Arts and Sciences Colloquium, September 2005, Oakbrook, Illinois.

Authentic Assessment. Presentation given at the Minooka School District Institute, March 2003, Minooka, Illinois.

Portfolio Assessment in the Mathematics Classroom. Presentation given (with L. Proudfit) at the National Council of Supervisors of Mathematics 31st Annual Conference, April 1999, San Francisco, California.

Hands-On Geometry Activities. Presentation given at the Will County Teachers' Institute, February 1998, Joliet, Illinois.

SERVICE

University:

- University Comprehensive Academic Program Review Committee, October 2007 - present
- College of Education (COE) Professional Standards Board Member, August 2007 - present
- COE Faculty Mentor, August 2007 - Present
- COE Portfolio Task Force, December 2006 – present
- Teaching and Professional Growth University Committee, Brown Bag Lunch Chair, August 2006 – present
- Professional Growth Committee for the College of Education, August 2006 – present
- Undergraduate Advisor to Secondary Social Science Education Majors, August 2006 - present
- NCATE Standard 1 Sub-Committee Chairperson, August 2006 – present
- Search Committee Member for Special Education Faculty Position, Spring 2006, Spring 2007
- University Liaison to the Joliet Professional Development Partnership (JPDSP), August 2004 – August 2007
- University Liaison to AO Marshall School within the JPDSP, August 2007 - present

Community:

Small Group Bible Study Leader, Shorewood Church of God, Shorewood, Illinois.

Vacation Bible School Crew Leader, Shorewood Church of God, June 2005, Shorewood, Illinois.

Missionary on behalf of Shorewood Church of God, July 2007, Iglesias De Dios, Bonao, Dominican Republic.

PROFESSIONAL ORGANIZATIONS:

National Association for Professional Development Schools
National Council of Teachers of Mathematics

REFERENCES:

Dr. Joan Fee
Associate Professor, College of Education
Aurora University
347 S. Gladstone Ave.
Aurora, IL 60506
(630) 844 – 6232

Dr. Jay Thomas
Assistant Professor, College of Education
Aurora University
347 S. Gladstone Ave.
Aurora, IL 60506
(630) 844-6231

Dr. Linda Proudfit
Division of Education
Governors State University
University Park, IL 60466
(708) 534 – 4370

Dr. John Gambro
Dean, College of Education
University of St. Francis
500 Wilcox St.
Joliet, IL 60435
(815) 740 - 3456

Ms. Cindy Wrobbel
Executive Director of Academic Programs
University of St. Francis
500 Wilcox St.
Joliet, IL 60435
(815) 740 - 6124

Courses Taught:

University of St. Francis

EDUC 330	Classroom Assessment
EDUC 375	Methods of Teaching Elementary School Math
EDUC 385	Methods of Teaching Elementary Science and Social Studies
MEDU 683	Methods of Teaching Mathematics
MSED 610	Educational Research
MSED 645	Organization and Development of Curriculum
MSED 650	Improvement of Instruction and Instructional Programs
BIOL 116	Life Science for Educators, guest lecturer for Dr. William Bromer

Moraine Valley Community College

MTH 090	Developmental Math
MTH 095	Beginning Algebra With Geometry
MTH 101	Intermediate Algebra
MTH 121	Math for Teachers I
MTH 122	Math for Teachers II
MTH 141	College Algebra
MTH 212	Statistics for Business

Waubonsee Community College

MA 060	Elementary Algebra
MA 095	Intermediate Algebra
MA 101	College Mathematics
MA 106	Finite Mathematics
MA 107	Basic Statistics

Joliet Junior College

Math 116	Math for Elementary Teachers I
Math 141	Precalculus