

Cindi Dunn, Ed. D.

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ACADEMIC DEGREES

Ed.D. Curriculum and Instruction: Technology May 2001 4.0 GPA
Kansas State University. Manhattan, Kansas
Outstanding College of Education -Graduate Student Award, Spring 2001

Dissertation: Technology in the classroom...Do they learn anything? The creation of an evaluation framework for the effectiveness of technology integration using teacher-designed cases.

M. S. Curriculum and Instructional Technology: Educational Computing December 1985 3.9 GPA
Iowa State University. Ames, Iowa
Phi Kappa Phi Honor Society

Thesis: The Effectiveness of a Rote versus Discovery Experiencing Computer Activity on Transfer of Learning a Mathematical Concept.

B. S. Secondary Education. Dual Majors: Mathematics, Business Summer 1983 3.5 GPA
University of Nebraska. Lincoln, Nebraska

CREDENTIALS

Kansas State Board of Education Certification: 7-12 Mathematics; Business Education; Computer Studies
Educational Testing Service PATHWISE Framework Leader Academy
Educational Testing Service PATHWISE Observation Framework Academy

PROFESSIONAL EXPERIENCE

Kansas State University – College of Education June 2003 - present
Office of Educational Innovation and Evaluation
Manhattan, Kansas

Research Assistant Professor/Principal Evaluator: Develop program evaluation plans, design research methods, create instruments, gather and analyze data, make formal presentations and write summary reports for externally funded projects.

United School District 383 in Partnership with Kansas State University August 1995 – May
2003
Professional Development Schools, Manhattan, Kansas.

Clinical Instructor and University Supervisor (Fall 1995 – Spring 2003): Collaborate with Kansas State University (KSU) Secondary Education faculty to create secondary Professional Development School (PDS) model at Manhattan High School (MHS). Facilitate the development of PDS models at seven additional PDS sites. Train and coordinate six generalist clinical instructors across the PDS and seven content area clinical instructors at MHS. Coordinate, supervise and evaluate all KSU College of Education field experiences at MHS. Develop and teach cooperating teacher and student teacher seminars at MHS. Supervise all student teachers at MHS.

PROFESSIONAL EXPERIENCE (continued)

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University Instructor: Teaching as a Career (Fall 2002, Spring 2003), Topics: Supervision of Student Teachers (Fall 1999 - present), Content Area Methods: Secondary Math (Fall 1995).

Research Project Team (Fall 2001- Spring 2003): Assisted KSU PDS Coordinator during implementation, data collection, analysis and summary phases of *National Education Association (NEA) PDS Research Project* and U. S. Department of Education *Improving Teacher Quality through the KSU-PDS Partnership* grants.

Unified School District 383
Manhattan High School, Manhattan, Kansas.

August 1986 - May 2003

Teacher Leadership Cadre (Fall 2000- Spring 2003): Enhanced district-wide networking through collaborative efforts. Served as liaison between MHS and United School District (USD) 383 Central Office personnel. Facilitate integration of building and district endeavors: align taught curriculum to State of Kansas curriculum standards, align assessments to curriculum standards, monitor alignment of curriculum, instruction and assessment.

Instructional Facilitator (Fall 1992 - Spring 2001): Designed peer evaluation structure for faculty appraisal. Conducted the formal evaluation of tenured teachers at Manhattan High School. Assisted teachers in setting goals for the improvement of instruction, provided peer coaching, arranged staff development opportunities and conducted pre and post-observation conferences, observed in the classroom and wrote the formal evaluation. Aligned staff development planning with faculty appraisal goals.

Computer Teacher (Fall 1986 - Spring 1998): Designed and implemented computer science curriculum at Manhattan High School that was vocationally funded. Collaborated with USD 383 grant writer to obtain two grants (1997, 1998) that were used to train high school students as computer technicians and provide computer training to elementary students and their parents.
Taught: Computer Applications, Introduction to Computer Programming Languages, Computer Programming, Advanced Computer Programming.

Mathematics Teacher (Fall 1986 - Spring 1994): Designed and implemented problem-based *General Mathematics* course aligned to National Council of Teachers of Mathematics standards utilizing technology as a tool for learning.

Ogden Public Schools, Ogden High School, Ogden, Iowa

August 1985 - May 1986

Secondary Mathematics and Computer Teacher: Created Computer Science curriculum. Integrated technology into math lessons as a tool for students to learn mathematical concepts.

Taught: Computer Applications, Computer Programming, Algebra I, Consumer Mathematics, General Mathematics.

Upward Bound Program, Ames, Iowa.

Summers 85, 86

Computer Instructor: Created and implemented 6-week Computer Applications unit for summer program.

Iowa State University, College of Education, Ames, Iowa.

August 1983- May 1985

Graduate Teaching Assistant: Taught Introduction to Instructional Technology and Instructional Media courses.

TEACHING

- Kansas State University
 - EDSEC 102: Teaching as a Career
 - EDSEC 420: Block II Lab: Secondary Math
 - EDSEC 476: Content Area Methods: Secondary Math
 - EDEL 768: Topics: Supervision of Student Teachers
- Manhattan High School (Kansas)
 - Computer Programming
 - Advanced Computer Programming
 - Introduction to Programming Languages
 - Computer Applications

TEACHING (continued)

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- Iowa State University
 - CI 102: Instructional Media
 - CI 201: Introduction to Instructional Technology
- Odgen High School (Iowa)
 - Computer Programming
 - Computer Applications
 - Algebra I
 - Consumer Mathematics
 - General Mathematics

EDUCATIONAL LEADERSHIP

- Spring 2003 Created the *Curriculum, Instruction, Assessment Review Process* used by MHS faculty to evaluate student performance on both end-of-course and state assessments and determine appropriate interventions to improve student performance.
- 2000- 2003 Create and implement results-based staff development plan at district and building level.
- 2000 - 2003 Support School Improvement endeavors at both the district and building level, as representative for MHS on the USD 383 Teacher Leadership Cadre, through strengthening curriculum, instruction, assessment.
- 2000 - 2003 Develop School Improvement Plan that aligns with State curriculum standards and assessments.
- 2000 - 2003 Assist Manhattan High School Principal and Department Chairs in their School Improvement efforts.
- 1999 - 2004 Coordinate the expansion of the KSU secondary PDS model to other sites by creating structures, processes, roles and responsibilities that promote sharing of ideas, resources, evaluation summaries and goals for improvement across the eight secondary PDS sites.
- 1999- 2003 Plan, facilitate and lead generalist and content area clinical instructor meetings.
- 1995 - 2003 Create vision for the future, plan to meet specific goals, develop research designs and assessment instruments, gather and analyze formative and summative data regarding the effectiveness of Professional Development Schools, School Improvement interventions, staff development initiatives, technology integration, Mentoring program, Instructional Facilitator position.
- 1995 - 2003 Integrate staff development, curriculum, instruction, assessment and peer coaching activities within the PDS partnership, School Improvement Process and improvement of instruction process for pre-service and in-service teachers.
- 1995 - 2003 Identify needs, design and evaluate staff development initiatives at MHS and within USD 383 to monitor process of the Manhattan High School's School Improvement plan.
- 1992 - 2001 Establish goals, arrange training and provide feedback, as Instructional Facilitator, for teachers in the improvement of instruction evaluation process for tenured faculty at MHS.
- 1992 - 2001 Align staff development planning with MHS faculty evaluation goals.

RESEARCH

- 2001 - 2003 *Improving Teacher Quality through the KSU-PDS Partnership* funded by U.S. Department of Education. and *NEA PDS Research Project* funded by National Education Association: Collaborate with project investigators to create research designs, develop data collection instruments, collect and analyze data, produce reports and presentations to report findings.

RESEARCH (continued)

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- 2001 - 2003 *National Education Association PDS Research Project* : Design and pilot test modified NCATE self-study procedures. Conduct action research for use in MHS accreditation process.
- 2000 - 2003 Inquiry: Train and consult with public school teachers and student teachers in action research methods. Assist in the design, implementation and interpretation of results that are used to make instructional and curriculum decisions.
- 2000 - 2003 USD 383 Mentoring program: Design and implement an evaluation plan to determine the effectiveness of the program on teacher retention and teacher quality.
- 1999-2001 USD 383 Technology Evaluation Framework: Design and implement an evaluation process to assess the effectiveness of district technology integration efforts on student learning.
- 1998-1999 Conduct formal self-study process to assess the MHS Professional Development School site's alignment to the NCATE standards.
- 1995 - present Professional Development Schools: Develop, implement and coordinate program evaluation plans to assess the various PDS endeavors both within and across PDS sites.
- 1992-2001 Instructional Facilitator: Create program evaluation plan, conduct and write annual reports.

SERVICE and AFFILIATIONS

Professional

- 2001 – present American Evaluation Association.
- February 2001 National Education Associate representative on NCATE accreditation team for St. Mary's College. Leavenworth, Kansas.
- 1997 - 2001 Kansas Coalition for Professional Development Schools member of state-wide network.
- 1995 - present Delta Kappa Gamma International Society of Women Educators. 1st vice president ETA Chapter (program chair), 2002-present; Treasurer, 2000- 2002; 2nd vice president, 1998-2000.
- 1990 - 2000 North Central Accreditation/Quality Performance Accreditation visiting team member for Wichita East High School
- 1993 - 2003 National Education Association.
- 1993 - 1997 International Society for Technology in Education.
- 1991 - 1993 Kansas Department of Education Mathematics Academy member.
- 1983 - 1993 National Council of Teachers of Mathematics.
- 1983 - 1990 National Business Association.

Kansas State University

- 2003 - 2004 Portfolio committee member working to design an assessment system for preservice students to show progress toward meeting performance indicators.
- 2002 - 2003 Field test participant for use of Framework Observation Program in the supervision of student teachers.

SERVICE and AFFILIATIONS (continued)

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Kansas State University

- 2002 - 2003 Participant in Palm Pilot Technology project for use in the supervision of student teachers.
- 2001- 2003 Facilitator for teachers working toward National Board for Professional Teaching Standards Certification.
- 2001- 2003 Team member developing a design plan for on-line Mentoring Program to support KSU graduates from the College of Education in their first years of teaching.
- 2000 – 2004 Participant in the collaboration of College of Education and College of Arts and Science faculty to initiate a performance-based teacher education program through the U.S. Department of Education’s *Improving Quality through the KSU-PDS Partnership* grant.
- 2000 – 2003 Writing team member for Mentoring Handbook that was made available for school districts in Kansas through the U.S. Department of Education’s *Improving Quality through the KSU-PDS Partnership* grant.
- 1998 - 2004 Participant in faculty meetings and retreats to determine outcomes for each field experience and suggest modifications for KSU College of Education course revision.
- 1998 - 1999 Co-chair steering committee for *NCATE PDS Standards Pilot-Project*.
- 1995 - 2004 Committee member on NCATE accreditation planning teams.
- 1995 - 2003 Train secondary clinical instructors within the Professional Development School sites.

United School District 383

- Spring 2003 Co-author of PDS Handbook. Board of Education approval set for April 22.
- 2002 - 2003 Member of newly established Professional Development School Steering Committee.
- 2002 - 2003 MHS Literacy Liaison representative on program development team for district reading intervention plans.
- Summer 2001 Author on writing team that created the structure, training, implementation and program evaluation of the district Mentoring and Induction program.
- 2001- 2003 Professional Development Council member.
- 2000 - 2003 Mentoring Steering committee member.
- 2000 - 2003 MHS representative for district Teacher Leadership Cadre.
- 1998 - 2000 NEA Learning Lab Committee member.
- 1994 - 1998 Technology Planning Committee member.
- 1994 - 1995 Mathematics Curriculum Planning Committee member.
- 1993 - 1994 Leadership Team.
- 1991 - 1993 District Math Cadre.

PROFESSIONAL ACTIVITIES

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Manhattan High School

- 2000 - 2003 School-based mentor responsible for implementation of the Mentoring program for approximately 20 new teachers each year at MHS.
- 2000 - 2003 Professional Development School Department Chair.
- 1990 - 1998 Technology Planning Committee member.
- 1992 - 2003 Staff Development Committee member.
- 1990 - 2003 North Central Accreditation/Quality Performance Accreditation Steering Committee.

Presentations and Publications

- “Improving Programs and Influencing Decision Making: Impact of Evaluation on Kan-ed, A statewide Initiative”. 18th Annual Conference of the American Evaluation Association. Atlanta, Georgia. November 5, 2004. [with J. Middendorf, C. Shuman]
- “The Human Components of Evaluation: Three Case Studies.” 18th Annual Conference of the American Evaluation Association. Atlanta, Georgia. November 4, 2004. [with B. Fergen, J. Middendorf, I. Odell, C. Shuman]
- “Designing a Formal Mentoring Program.” Kansas Staff Development Council and Kansas Department of Education Staff Development Annual Conference. Wichita, Kansas. May 3, 2002. [with K. Hoffman, L. Rader]
- “Bridges between University and Public Schools.” Kansas Professional Development School Coalition Third Annual Professional Development School Conference. Pittsburg, Kansas. September 25, 2000. [with A. Sullivan, L. Winkler]
- “Powerful Partnerships Provide Professional Growth.” Invited presentation for Kansas Exemplary Educators Network. Topeka, Kansas. February 10, 2000. [with M. Hancock, K. Hoffman, L. Rader, G. Shroyer]
- “Lessons Learned from the NCATE PDS Standards Pilot Project.” Kansas University PDS Alliance National Conference. Kansas City, Missouri. February 7, 2000. [with A. Messer, G. Shroyer]
- “Clinical Instructors: The Key Link in Partnership.” Kansas University PDS Alliance National Conference. Kansas City, Missouri. February 7, 2000. [with A. Messer]
- “PDS at KSU.” Education Symposium: Kansas State University. Manhattan, Kansas. October 7, 1999 and December 8, 1995.
- “A report from Kansas State University on High School PDS programs.” Kansas Professional Development School Alliance Conference. Wichita, Kansas. September 26, 1999.
- “Co-teaching: A Different Approach for Cooperating Teachers and Student Teachers.” Association of Teacher Educators. Chicago, Illinois. February 16, 1999. [with B. Maughmer, M. Perl]
- “Professional Development Schools.” Phi Delta Kappan meeting. Manhattan, Kansas. February 11, 1999.
- “A Longitudinal Case Study of Organizational Change: Kansas State University Professional Development School Partnership.” Fourth Annual Kansas University PDS Conference. Kansas City, Missouri. February 8, 1999. [with B. Maughmer, G. Shroyer, S. Yahnke]

PROFESSIONAL ACTIVITIES (continued)

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Presentations and Publications

- “Professional Development Schools.” Presentation on Parent’s weekend at Kansas State University. Manhattan, Kansas. September 26, 1998. [with M. Hancock, J. Wissman]
- “Professional Development Schools.” Presentation to Kansas National Education Association Board of Directors. Topeka, Kansas. September 19, 1998. [with B. Maughmer, G. Shroyer]
- “A Secondary PDS Model in Progress.” Kansas Professional Development School Conference. Manhattan, Kansas. September 18, 1998.
- “Changing Relationships-Changing Roles: Facing the Challenges of PDS Partnerships.” Symposium Presentation Collaboration in an Era of Reform: A National Conference of Professional Development School Partnerships. Kansas City, Missouri. April 12, 1997. [with B. Maughmer, T. Miller, G. Shroyer, S. Yahnke]
- “Significant Issues in Professional Development Schools.” Midwest Educational Researcher Association. Chicago, Illinois. October 5, 1996. [with T. Miller, G. Shroyer, S. Yahnke]
- “Expanding the KSU/USD 383 PDS Model: A Secondary Education.” Presentation at Sustaining School Change: What Works/What Lies Ahead. Manhattan, Kansas. February 2, 1996.
- “The Internet - What is it and how can I use it in my classroom?” Mid-America Association for Computers in Education. Salina, Kansas. March 4 and October 21, 1993 and October 20, 1994.
- “MicroSoft Word for Windows.” Mid-America Association for Computers in Education. Salina, Kansas. October 22, 1993. [with L. Gifford]
- “Designing a High School Computer Club.” (Fall 1991). *Journal of Computer Science Education*, v.6, p. 7-13.
- Authored Pre-college Math course textbook chapter and software tutorial. Iowa State University. May 1985.

Workshops and Training Sessions Conducted

- “Framework for Teaching.” One day training for KSU College of Education Faculty and Clinical Instructors. Manhattan, Kansas. February 7, 2003 and February 21, 2002. [with C. Hedge, M. Hancock, G. Shroyer]
- “Framework for Teaching”. One day training for USD 383 Administrators and KSU Clinical Instructors. Manhattan, Kansas. October 31, 2002. [with N. Bridges, D. DeNoon, J. Fridell, G. Shroyer, B. Zolnerowich]
- “Framework for Teaching.” One day workshop for KSU-PDS 2001 Summer Institute. Manhattan, Kansas. June 6-7, 2001. [with M. Perl]
- “Induction: Pathwise Framework for Teaching.” One day training for USD 383 mentor teachers. Manhattan, Kansas. April 2001.
- “Mentoring Techniques.” One day training for USD 383 mentor teachers. Manhattan, Kansas. December 2000.
- “Using INSPIRATION software to create graphic organizers.” Two training sessions for Manhattan High School teachers. Manhattan, Kansas. Spring of 1999.
- “Using Internet in the K-12 Classroom.” One day workshop for ESDECK Service Center. Hutchinson, Kansas. January 1995.
- “Learner Outcomes: Implementation into the Classroom.” USD 383 staff development workshop. Manhattan, Kansas. Six sessions each fall and spring semester in 1995, 1994, 1993. [with J. Spiker, C. Yunk]

PROFESSIONAL ACTIVITIES (continued)
Workshops and Training Sessions Conducted

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“Designing instruction utilizing student use of technology.” Series of workshops for Manhattan High School teachers. Manhattan, Kansas. 1994-95 school year.

“Alternate Forms of Assessment in the Mathematics Classroom.” Series of sessions for Manhattan High School mathematics teachers. Manhattan, Kansas. 1993-94 school year.

“Introduction to Linkway.” One day workshop for USD 383 faculty. Manhattan, Kansas. November and December 1992.

“KSU Internet Connection.” One day workshop for USD 383 faculty. Manhattan, Kansas. January and February 1992.

“Using Manipulatives to Teach Secondary Mathematics.” One day workshop for Manhattan High School teachers. Manhattan, Kansas. January 1992.

“Teaching Strategies: Manipulatives in Mathematics Instruction.” Two day workshop for USD 383 mathematics teachers. Manhattan, Kansas. August 1991. [with F. Ireland, S. Shaner, M. Walker]

“Follow-up: K-12 Math Standards.” One day workshop for North Central Kansas Educational Service Center. Concordia, Kansas. January 1991. [with F. Ireland, S. Shaner, M. Walker]

“Implementing Kansas K-12 Math Standards.” Five day workshop for North Central Kansas Educational Service Center. Concordia, Kansas. August 6-10, 1990. [with F. Ireland, S. Shaner, M. Walker]

“What the Computer can do for you: Applications for the Computer.” Six week Adult Education course. Ogden, Iowa. January - March 1986.

Computer Science Sessions for Upward Bound Program. Iowa State University. Summers 1985, 1986.

“Superpilot: Authoring Language.” One day K-12 workshop, Area Education Agency; Ankeny, Iowa, January 1985.