

Christopher L. Cox

Miami University
Discovery Center for Evaluation, Research, and Professional Learning
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Academic Preparation

- 2008- Ph.D. candidate in educational leadership (anticipated completion 2016)
 Miami University- Oxford, OH
- 1993-96 M.S.Ed. in educational administration and supervision
 Southern Illinois University- Edwardsville, IL
- 1989-92 B.S. in secondary mathematics education with a minor in business education
 Western Michigan University- Kalamazoo, MI

Professional Experience

- 2015- Senior Research Associate and Project Team Leader at the Discovery Center for
 Evaluation, Research, and Professional Learning (formerly Ohio's Evaluation and
 Assessment Center)
- 2012-2015 Senior Research Associate at Ohio's Evaluation and Assessment Center for
 Mathematics and Science Education (Ohio)
 - Co-conducted an array of projects throughout Ohio including evaluations of the
 Ohio Resident Educator Program, Cross-Project Evaluation of the Ohio
 Mathematics and Science Partnership Program, TeachOhio Program, and Ohio
 Board of Regents-Improving Teacher Quality Funded Projects
 - Conducted an array of projects focused on preK-12 educational programs
 - Participated in Ohio Education Research Center sponsored activities
- 2009-12 Graduate Research Assistant for Ohio's Evaluation & Assessment Center (Ohio)
 - Co-conducted the evaluation work for an Ohio MSP grantee
 - Provided an array of research assistance for research associates and director
- 2003-08 District Mathematics Coordinator for Kalamazoo Public Schools (Michigan)
 - Lead the developing, implementing, and evaluation of mathematics curriculum
 - Initiated and developed a cadre of teacher leaders and coaches across 22 schools
 - Facilitated professional development related to mathematics for 350+ teachers
 - Provided leadership for Department of Teaching and Learning in various ways
 - Participated in the NSF funded Center for the Study of Mathematics Curriculum
- 2000-02 Instructor for Western Michigan University (Michigan)

- 1996-03 Teacher for Portage Central Middle School (Michigan)
 - Worked with students learning grades 7-8 mathematics, algebra, and geometry
 - Advised student leadership council
 - Provided leadership for building / district's middle grades mathematics program
- 1993-96 Teacher for Highland High School (Illinois)
 - Worked with students learning a range of high school mathematics topics
- 1991-92 Teacher Assistant for Kalamazoo Area Mathematics and Science Center

Honors, Awards, and Scholarships

- 2011 David L. Clark National Graduate Student Research Seminar in Educational Administration & Policy selected participant - UCEA and AERA Div. A & L
- 1996 Future Leader Support Award from the National Council of Teachers of Mathematics (NCTM)
- 1993 John P. and Nora Everett Award from Western Michigan University Department of Mathematics & Statistics for outstanding promise at a secondary mathematics teacher
- 1989 Paul Douglas Congressional Teacher Scholarship from the Michigan Department of Education

Publications (Refereed Conference Papers)

- Cox, C. L. (2011). Districts collaborating with other districts: Benefits and challenges within a regional STEM consortium. Presented at the 2011 University Council for Educational Administration Convention. Pittsburgh, PA.
- Cox, C. L. (2010). Developing transparency: A bridge between school districts and their communities. Presented at the 2010 University Council for Educational Administration Convention. New Orleans, LA.

Publications (Book Chapters / Sections)

- Cox, C. L. (2011). The Inauguration of Barack Obama, January 20, 2009: Living the spectacle, living history. In T. Poetter (Ed.), *Ten Great Curricula*. Charlotte, NC: Information Age Publishing.
- Cox, C. L. (2008). Some impacts of testing on mathematics curriculum from K-12: Perspectives. In Z. Usiskin & E. Willmore (Eds.), *Mathematics curriculum in Pacific Rim countries- China, Japan, Korea, and Singapore: Proceedings of a conference* (pp. 327-334). Charlotte, NC: Information Age Publishing.

- Cox, C., & Nian, Q.** (2015). *Taking Off to Success (TOTS) Years 1-5 (2010-2015), Summative Program Evaluation Report*. Oxford, OH: Miami University, Discovery Center for Evaluation, Research, and Professional Learning.
- Woodruff, S. B., **Cox, C.**, Steedly, K., Moore, R., Zorn, D., Morio, K. L., Gimbert, B., & Nian, Q. (2015). *Ohio Mathematics and Science Partnership Program Cross-Project Evaluation: Annual Report 2014-2015*. Oxford, OH: Miami University, Ohio's Evaluation & Assessment Center for Mathematics and Science Education.
- Woodruff, S. B., DeGreg, J., Hutzell, M., **Cox, C.**, Lewis, M., Zorn, D., Nian, Q., Li, Y., & Morrison, J., (2015). *Evaluation of the Ohio Resident Educator Program, Summative Evaluation Report, June 2015*. Oxford, OH: Miami University, Ohio's Evaluation & Assessment Center for Mathematics and Science Education.
- Woodruff, S. B., **Cox, C.**, Steedly, K., Moore, R., Zorn, D., Morio, K. L., Gimbert, B., & Fischer, R. (2014). *Ohio Mathematics and Science Partnership Program Cross-Project Evaluation: Annual Report 2013-2014*. Oxford, OH: Miami University, Ohio's Evaluation & Assessment Center for Mathematics and Science Education.
- Woodruff, S. B. & **Cox, C.** (2014). *Lesson study: Research on teaching and learning – ITQ evaluation report (FY 2012)*. Oxford, OH.
- Woodruff, S. B., **Cox, C.**, & Li, Y. (2014). *Final Evaluation of the TeachOhio Program (FY2013-2014)*. Oxford, OH: Miami University, Ohio's Evaluation & Assessment Center for Mathematics and Science Education.
- Woodruff, S. B., Zorn, D., **Cox, C.**, DeGreg, J., Hutzell, M., Lewis, M., Morrison, J., & Li, Yi (2014). *Evaluation of the Ohio Resident Educator Program, Year 3 annual evaluation report, July 2014*. Oxford, OH: Miami University, Ohio's Evaluation & Assessment Center for Mathematics and Science Education.
- Woodruff, S. B., Zorn, D., **Cox, C.**, Hutzell, M., DeGreg, J., Lewis, M., Morrison, J., Warfel, R., Li, Yi, & Raffle, H. (2013). *Evaluation of the Ohio Resident Educator Program, Year 2 Annual Evaluation Report, September 2013*. Oxford, OH: Miami University, Ohio's Evaluation & Assessment Center for Mathematics and Science Education.
- Woodruff, S. B., **Cox, C.**, Steedly, K., Moore, R., Morio, K. L., Zorn, D., Gimbert, B., & Fischer, R. (2013). *Ohio Mathematics and Science Partnership Program Cross-Project Evaluation Annual Report (FY 2013)*. Oxford, OH: Miami University, Ohio's Evaluation & Assessment Center for Mathematics and Science Education.
- Woodruff, S. B. & **Cox, C.** (2013). *Lesson study: Research on teaching and learning – ITQ evaluation report (FY 2011)*. Oxford, OH.

- Woodruff, S. B., **Cox, C.**, & Li, Y. (2013). *Annual evaluation of the TeachOhio Program (FY 2013)*. Oxford, OH: Miami University, Ohio's Evaluation & Assessment Center for Mathematics and Science Education.
- Woodruff, S. B., **Cox, C.**, & Li, Y. (2013). *Impact of lesson study as a model of collaborative professional development- A project of the Ohio Mathematics and Science Partnership Program 2012-2013 final evaluation report*. Oxford, OH: Miami University, Ohio's Evaluation & Assessment Center for Mathematics and Science Education.
- Woodruff, S. B., Zorn, D. Morrison, J., Lewis, M., **Cox, C.**, Van den Hoogenhof, S. A, Raffle, H. (2012). *Evaluation of the Ohio Resident Educator Program: Year 1 annual evaluation report, July 2012*. Oxford, OH: Miami University, Ohio's Evaluation & Assessment Center for Mathematics and Science Education.
- Woodruff, S. B., **Cox, C.**, & Li, Y. (2012). *Implementing lesson study and measuring its impact on teacher development - A project of the Ohio Mathematics and Science Partnership Program 2010-2012 final evaluation report*. Oxford, OH: Miami University, Ohio's Evaluation & Assessment Center for Mathematics and Science Education.

Professional Review and Advisory

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| June 2011 | Peer Conference Paper Reviewer for 2011 University Council of Educational Administrations Annual Convention |
| June 2010 | Peer Conference Paper Reviewer for 2010 University Council of Educational Administrations Annual Convention |
| May 2006 | Advisory board member for the project leading to Remillard, J.T., Herbel-Eisenmann, B.A., & Lloyd, G.M. (Eds.). (2008). <i>Mathematics teachers at work: Connecting curriculum materials and classroom instruction</i> . New York: Routledge. |
| Mar. 2006 | Content reviewer for Schmitt, M.J., Steinbeck, M., & TERC. (2007) <i>Operation Sense: Even More Fractions, Decimals, and Percents</i> . Emeryville, CA: Key Curriculum Press. |

Professional Service

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| 2015-2012-13 | <i>Committee Member</i> – OH Educational Research Center- Research into Practice
<i>Graduate Student Representative</i> – AERA Districts in Research and Reform SIG |
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Presentations

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| Nov. 2009 | <i>Bridging Teacher Leaders and Their Colleagues</i> . Ohio Council of Teacher of Mathematics Annual Conference. Cincinnati, OH. |
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- Mar. 2007 *Studying the Curriculum Adoption Process as a Way to Identify Professional Development Needs and Opportunities*. Presentation with Steve Ziebarth, Dana Cox, et al. National Council of Supervisors of Mathematics Annual Conference. Atlanta, GA.
- Apr. 2006 *Simple Tools to Help in Making Difficult Decisions: Getting a Handle on the Enacted Curriculum*. Presentation with Kathryn Chval, Iris Weiss, et al. National Council of Supervisors of Mathematics Annual Conference. St. Louis, MO.
- Nov. 2005 *What is the Role of Testing on the Curriculum and How is that Changing, if at All?* Invited panel participant with Jeremy Kilpatrick, William Schmidt, et al. at the International Curriculum Conference sponsored by the Center for the Study of Mathematics Curriculum (CSMC). Chicago, IL.
- Oct. 1996 *Counting on the Web: How & What Can Math Teachers Integrate with the Internet*. Illinois Council of Teachers of Mathematics Annual Conference. Springfield, IL.

Collegiate Teaching

- Aug. 2009 Topics in Mathematical Sciences for Teachers – Miami University MTE 699.E
- 2000-02 College Algebra – Western Michigan University MATH 111

Workshop Facilitation and K-12 Consulting

- Feb. 2011 Curriculum mapping professional development with elementary teachers at Mother Teresa Catholic Elementary School in Liberty Township, OH
- May 2008 Mathematics program improvement consultation and mentoring for two of Mosaica Education community schools in northeast Ohio
- Aug. 2006 Michigan Grade Level Assessment and Content Expectations Grade 7 Training (M-GLANCE) for teachers within Kalamazoo Regional Educational Service Agency area

Funding Solicited and Received

- May 2006 \$250,000 line item in community approved bond funds for mathematics teaching and learning technology within Kalamazoo Public Schools
- 1995-96 \$12,000 grant for integrated curriculum development related to energy conservation and the internet from the Illinois Department of Education

Selected Opportunities to Practice Leadership

2007-08	Michigan Mathematics and Science Teacher Leader Collaborative liaison
2005-08	Keeping the Doors Open grant partnership with Kalamazoo College liaison
2004-08	NSF funded Center for the Study of Mathematics Curriculum district liaison
2003-08	Michigan Mathematics Leadership Academy participant
2006-07	Teaching and Learning Council grading taskforce leader for Kalamazoo PS
2000-03	Student council advisor for Portage Central Middle School
1997-03	Math Counts advisor for Portage Central Middle School
1997-03	School Effectiveness Team member for Portage Central Middle School
1997-03	Building middle school mathematics department chair for Portage Central MS
2001-02	People to People delegation leader for middle school ambassadors to Australia
1997-99	District middle school mathematics department chair for Portage Public Schools
1994-96	Highland Explorer Outdoor Club co-founder
1993-96	Student council advisor for Highland High School

Selected Opportunities for Professional Growth

American Evaluation Association Annual Conference – AEA (2014, 2015)
Ohio Program Evaluators Group Summer Statistics Workshop (2012)
NIH/NSF Responsible Conduct in Research Training / Miami University (2011)
American Educational Research Association Annual Conference – AERA (2010, 2011)
University Council of Educational Administrations Annual Convention (2010, 2011)
William L. Boyd National Education Politics Workshop – PEA/AERA (2010)
Miami University Educational Leadership Graduate Student Conference (2010)
Ohio Council of Teacher of Mathematics Annual Conference (2009)
CSMC Annual Curriculum Research Conference (2005, 2006, 2007, 2008, 2009)
International Curriculum Conference – CSMC/NSF (2005, 2008)
National Council of Supervisors of Mathematics Annual Conference (2004-2008)
National Council of Teachers of Mathematics Annual Conference (1996, 2000, 2004-2008)
Connected Mathematics Project Users Conference (2001, 2007)
Michigan Council of Teachers of Mathematics Annual Conference (2003-2006)
Association of Supervision and Curriculum Development Annual Conference (2005)
Data Coach Certification Training - Successline Inc. (2004)
Learning & Teaching Linear Function Video Cases Facilitator Training - West Ed/NSF (2004)
Kalamazoo Leadership Institute – KRESA (2003)
Renewing Mathematics Teaching through Curriculum Initiative – WMU/NSF (1997-2001)
Mathematics Leadership Academy - NCSM (2000)
Mathematica Teacher Development - Jerry Keiper Memorial Center (1996)
Discrete Mathematics Summer Residential Experience – Illinois State University/NSF (1994)

Professional Affiliations (Former and Current)

American Educational Research Association
American Evaluation Association
Association of Supervision and Curriculum Development
Michigan Council of Teachers of Mathematics (membership not current)
National Council of Supervisors of Mathematics (membership not current)
National Council of Teachers of Mathematics (membership not current)
Ohio Council of Teachers of Mathematics (membership not current)
Ohio Program Evaluators Group (membership not current)

Professional Licensure

Illinois Professional Licensure

- Mathematics Teaching (Gr 6-12 Type 09) through June 2019
- Administrative (Gr K-12 Type 75) through June 2019

Michigan Professional Education Certificate

- Mathematics (Gr 6-12 EX) through June 2018
- Business Education (Gr 6-12 GX) through June 2018

Ohio Professional License (5 year)

- Principal (preK-6, 4-9, 5-12) through June 2020
- Administrative specialist (Curriculum, instruction, and PD) through June 2020

Technology Proficiencies

Basecamp - online documentation collaboration
BlackBoard - online learning development and deployment
Camtasia Studio - video screen capture creation
ExamView - assessment development, correction, reporting and analysis
f4 – audio and video transcription
Front Page - website design
Geometer's Sketchpad - geometry visualization
Google Docs - online collaborative document, presentation, and spreadsheet development
Inspiration - visual idea mapping
MAXQDA - qualitative research tool for organization and analysis
Microsoft Office - suite of routine office applications including Word, Excel, PowerPoint
Ning - online social networking
NVivo- qualitative research tool for organization and analysis
Skype - online voice and video communication
SnagIt - graphic capturing
SPSS - research tool for data and predictive analysis
TI 73/83/84 Graphing Calculators - calculator tool for multiple representations
TI Navigator - wireless graphing calculator networking and interactivity
TI SmartView - graphing calculator presentation
Transana - research tool for transcription and analysis of audio and video data
TurningPoint - audience response system
TypePad - blogging software
Zotero - research tool to gather, organize, and analyze bibliographic sources