Curriculum Vitae
Dawn Renée Slavens

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Degrees: Doctor of Philosophy (Mathematics)
                University of North Texas, Denton, Texas
                August 1998

                Master of Science (Mathematics)
                Stephen F. Austin State University, Nacogdoches, Texas
                August 1993

                Bachelor of Science in Education (Mathematics)
                Emporia State University, Emporia, Kansas
                December 1986

Employment: Professor, Midwestern State University
                April 2012 – Present
                Courses Taught: See below. Additional course taught: Linear Algebra

                Professor and Mathematics Department Chair, Midwestern State University
                April 2012 – August 2020
                Courses Taught: See below. Additional course taught: Intermediate Algebra, Precalculus
                Developmental Supplement for Contemporary Mathematics, Developmental Supplement for
                College Algebra

                Professor and Interim Mathematics Department Chair, Midwestern State University
                August 2010 – April 2012
                Courses Taught: See below. Additional course taught: Concepts of Geometry

                Associate Professor, Midwestern State University
                August 2004 – August 2010
                Courses Taught: Those below. Additional courses taught: Graduate level Topics in
                Mathematics Education, Trigonometry

                Assistant Professor, Midwestern State University
                August 1999 – August 2004
                Courses Taught: College Algebra, Structures of the Number System I and II,
                        Discrete Mathematics, Calculus I, Calculus II, Foundations of Geometry,
                        Contemporary Mathematics, Mathematical Analysis for Business Analysis,
                        Introductory Analysis I and II

                Assistant Professor, Mount Union College
                August 1998 – May 1999

                Teaching Fellow, University of North Texas
                August 1993 – August 1998

                Research Assistant, summer 1997
                Professor Elizabeth Bator, Banach Space Theory

                Teaching Assistant, Stephen F. Austin State University
                August 1991 – August 1993

                High School Mathematics Teacher, Blue Valley USD #229, Overland Park, KS
                August 1988 – August 1991

Middle School Mathematics Teacher, Blue Valley USD #229, Overland Park, KS
January   1987 – August 1988

| Publications: (Peer-Reviewed) | M. Harrell, D.Slavens & C. Richardson. (2013) "Investigating Non-linear Asymptotes and the Graphs of Rational Functions" *Ohio Journal of School Mathematics,* # 68 (Fall), pp. 19 – 25. |

Publications:
(Peer-Reviewed)

M. Harrell, D.Slavens & C. Richardson. (2013) "Investigating Non-linear Asymptotes and the Graphs of Rational Functions" *Ohio Journal of School Mathematics,* # 68 (Fall), pp. 19 – 25.

D. Slavens & M. Harrell. (2009) "Graphing Piecewise-defined Functions by the Use of Domain Regions" *Kansas Science Teacher: Journal of Mathematics and Science Teaching*, Spring 2009, Vol. 19.

D. Slavens & M. Harrell. (2009) "Is a Rational Function's End Behaviors related to the End Behavior of the Quotient of Its Associated Polynomials?" *ON-Math, Online Journal of School Mathematics* Volume 7, Issue 1 (6 pages plus related electronic student activity).

M. Harrell & D. Slavens. (2009) "Using Base-ten Block Diagrams to Discover Divisibility Tests" *Teaching Children Mathematics*, Vol. 15 Issue 6, pp. 370-378.

D. Slavens & M. Harrell. (2006) "Investigating Horizontal Asymptotes and the Graphs of Rational Functions" *Ohio Journal of School Mathematics*, #54 (Autumn), pp. 38-45.

E. Bator, P. Lewis, & D. Slavens. (2006) "Vector Measures, c_0, and (sb) Operators" *Bulletin of the Polish Academy of Sciences*, Vol. 54 No. 1, pp. 63 – 73.

M. Harrell & D. Slavens. (2004) "Investigating Vertical Asymptotes and the Graphs of Rational Functions", *Ohio Journal of School Mathematics*, #50 (Autumn), pp. 64 – 70.

D. Slavens. (2004) "Exploring the Pythagorean Theorem with The Geometer's Sketchpad" *Kansas Science Teacher: Journal of Mathematics and Science Teaching*, Vol. 15, (Spring), pp. 31-38.

E. Bator & D. Slavens. (2003) "DP-1 and Completely Continuous Operators" *International Journal of Mathematics and Mathematical Sciences*, Volume 2003 No. 37, pp. 2375 – 2378.

E. Bator & D. Slavens. (2001) "Applications of a Decomposition in $X \otimes_\lambda Y$" *Annali di Matematica Pura ed Applicata* (IV), Vol. CLXXIX, pp. 189 – 196.

Grants:

D. Slavens, T. McDonald, & C. Richardson (2009-2011). *Partnership for Engaged Learning*. (Geometry. 4th Year Mathematics). Teacher Quality Grant. Amount Awarded: $275,000.

D. Slavens & T. McDonald (2008-2009) *Engaging in Algebra I*. (Algebra I). Teacher Quality Grant. Amount Awarded: $87,000.

D. Slavens & M. Coe (2007-2008) *Problem Solving to Develop Algebraic Thinking*. (Middle School Mathematics). Teacher Quality Grant. Amount Awarded: $86,893.

Presentations: M. Brown Marsden & D. Slavens, "A Corequisite Course Model for Developmental Mathematics." SACSCOC 2019, Houston, TX.

L. Fosnaugh & D. Slavens, "Engaging Students in the topic of Rations, Proportions, and Proportional Reasoning." This was a six-hour professional development workshop for in-service teachers. The workshop was part of a Texas Regional Collaborative Math Grant. The workshop was delivered in June 2015 and in June 2016.

D. Slavens & T. McDonald, "Do Rational Functions Behave Rationally?" Texoma Regional Math/Science Conference, Region 9, Educational Service Center, Wichita Falls, TX, June 2013

D. Slavens, "Making Mathematics Meaningful," Midwestern State University Faculty Forum, Wichita Falls, TX, October 18, 2011.

C. Richardson & D. Slavens, "Do Rational Functions Behave Rationally?" Conference for Advancement of Mathematics Teaching, Grapevine, TX, July 2011.

T. McDonald & D. Slavens, "Problem Solving to Develop Geometric Thinking in the Middle Grades," Texoma Regional Math/Science Conference, Region 9, Educational Service Center, Wichita Falls, TX, June 2011.

D. Slavens & M. Harrell, "Discovering Divisibility Tests Using Base-ten Blocks," presented at the Conference for Advancement of Mathematics Teaching in Houston, TX, July 16, 2009.

T. McDonald & D. Slavens, "The Benefits of Connecting Geometric Patterns to Algebraic Rules," presented at the First Annual AMTE-TX Strand at the Conference for Advancement of Mathematics Teaching in Houston, TX, July 16, 2009.

C. Richardson, T. McDonald, & D. Slavens, "Solving Systems of Linear Equations Using Algebra Tiles," Texoma Regional Math/Science Conference, Region 9, Educational Service Center, Wichita Falls, TX , June 11, 2009.

C. Richardson, D. Slavens, & T. McDonald, "Modeling Systems of Linear Equations: Loading a Truck," Texoma Regional Math/Science Conference, Region 9, Educational Service Center, Wichita Falls, TX , June 11, 2009.

D. Slavens. "Making Mathematics Meaningful at Every Level," Invited Address, Texas Section of the MAA, University of North Texas, April 18, 2009.

T. McDonald & D. Slavens. "Problems Solving to Develop Algebraic Thinking," presented at the Conference for Advancement of Mathematics Teaching in Dallas, TX, July 9, 2008.

T. McDonald, C. Richardson, & D. Slavens. "Problem Solving to Develop Algebraic Thinking, A Teacher Quality Grant Professional Development Program for Teachers," MSU College of Science and Mathematics Seminar, September 28, 2007.

D. Slavens & C. Richardson. "Discovering Buried Treasures in Geometry and Algebra Classrooms," presented at the Conference for Advancement of Mathematics Teaching in San Antonio, TX, June 28, 2007.

C. Sawyer & D. Slavens. "Discovering Buried Treasure in Geometry and Algebra Classrooms", presented at the NCTM 2006 Annual Meeting and Exposition in St. Louis, MO, April 29, 2006.

T. Johnson & D.Slavens "Now Showing on Channel MSU: Numbers", presented at Midwestern State University as a a workshop to elementary and middle school girls as part of the Math Science and U conference for middle school girls, November 2005.

D. Slavens. "Making Geometry Come Alive with The Geometer's Sketchpad" at the Annual Joint Winter Meetings of the MAA and AMS in Phoenix, AZ, on Friday, January 9, 2004.

D. Slavens. "Workshop on use of *The Geometer's Sketchpad* in teaching Geometry", presented at the Regional Math/Science Conference for K – 12 math/science educators, June 2003.

D. Slavens. "Geometry or Art?," presented at Midwestern State University as a workshop to elementary and middle school girls as part of the Expanding Your Horizons in Science and Math program, November 2002.

D. Slavens. "DP-1 Operators on C(H, E)," presented at the Joint Mathematics Meetings in San Diego, California, January 2002.

D. Slavens. "Unconditional Convergence in Banach Spaces part II", presented at the MSU Math Department Seminar, November 2000.

D. Slavens. "Unconditional Convergence in Banach Spaces part I", presented at the MSU Math Department Seminar, October 2000.

D. Slavens & M. May. "Using Zome System Manipulatives in Teaching Geometric Concepts," Workshop presentation at the Regional Math/Science Conference for K – 12 math/science educators, February 2001.

D. Slavens. "Applications of a Schauder Decomposition in $X \otimes_\lambda Y$," presented at the Joint Mathematics Meetings in San Antonio, Texas, January 1999.

D. Slavens. (sb) Operators on injective tensor product spaces," presented at the Texas Section of the MAA at Southern Methodist University, April 1998.

D. Slavens. (sb) Operators on injective tensor product spaces," presented at the Joint Mathematics Meetings in Baltimore, Maryland, January 1998.

D. Slavens. "A representation of elements in the least crossnorm tensor product of the Banach Spaces X and Y, where X has a basis," presented at the Texas Section of the MAA at Texas Lutheran University, April 1997.

D. Slavens. "How many zeros does a continuous function have?," presented at the Texas Section of the MAA at Baylor University, April 1995.

D. Slavens. "Generating functions and Problem Solving," presented at the Texas Section of the MAA at Abilene Christian University, April 1993.

Professional Involvements: Member of Texas Association of Academic Administrators in the Mathematical Sciences, October 2010 - present

CAMT Board Member, September 2006 – August 2011

Member of Executive Council of the Texas Section of the Mathematical Association of America; served as Level Two Director, March 2004 – March 2007

Membership in each of the following Professional Organizations:
Mathematical Association of America,
Texas Section of the Mathematical Association of America,
National Council of Teachers of Mathematics
Texas Association of Academic Administrators in the Mathematical Sciences

Consultations:

L. Fosnaugh & D. Slavens developed and delivered a six-hour professional development workshop for in-service teachers' that was part of a Texas Regional Collaborative Math Grant. Workshop title: "Engaging Students in the topic of Rations, Proportions, and Proportional Reasoning"   Delivered dates: June 9, 2015, June 17, 2016.

Mathematics consultant for the University of North Texas Teacher Quality Grant program "Texas Algebra I & Geometry XTreem Math," May 2009 – August 2011

Mathematics consultant for the University of North Texas Teacher Quality Grant program "North Texas Algebra I Institute," May 2008 – May 2009

Facilitated Middle Level Math TEKS Connections 2-Day workshop for Region 9 ESC, June 30-July 1, 2008, January 28-29, 2008, May 31-June 1, 2007

Facilitated with three other faculty a planning session for Iowa Park teachers as they planned their two week "Champ Camp" for at risk incoming freshman, June 26-27, 2008

AP Calculus Reader for ETS, 2004 – 2006, 2008

Served as a mentor for 11 teachers who participated in the "Texas Middle and Secondary Mathematics Project" hosted by Stephen F Austin State University and funded by NSF, Spring 2004 and Fall 2004.

Service:

University –
Financial Aid Appeals Committee, 2022 - present
Faculty Senate Vice-Chair, 2022 – present,
MSU Strategic Scheduling Committee Member, April 2019 – present
College Council (COSM), Fall 2010 – August 2020
Core Curriculum Committee, Fall 2010 – Spring 2013
MSU Teacher Education Committee, Fall 2010 - August 2021
College of Science and Mathematics Rank and Tenure Committee, Fall 2008.
University Distance Education Committee, 2007-2010
Chair of University Rank and Tenure Committee, Spring 2007
College of Science and Mathematics Dean Search Committees, 2005 & 2006
Pre-Medical Advisory Committee, 2005, 2006, 2007
Faculty Senate Executive Section (Parliamentarian), 2004-2005
Student Affairs Committee (Faculty Senate Rep.), Fall 2004
Faculty Senate, 2003-2004 and 2004-2005
University Rank and Tenure Committee, Spring 2005
Employee/Staff Fitness Committee, 2000 – 2005
Student Retention Committee, 2001 – 2004
Academic Readmissions Committee, 2002 – 2004
MSU Registrar Search and Screening Committee, Chair, 2002-2003
Uniform Recruitment and Retention Strategic Plan Committee, 2003 & 2004
Channel 2 Advisory Committee, 2000-2002

Profession–
    Member of the Common Core Crosswalk Team which meet at TEA to complete a gap analysis of the Texas College and Career Readiness Standards and the National Common Core Standards for mathematics – Work completed November 2-3, 2009

    Member of the Statewide Disciple-Based Vertical Teams Phase II of College Readiness Initiative for Mathematics - Work competed August, 2008

    MSU Math Department hosted the annual Texas Section of the MAA meeting, April 6-8, 2006. The meeting had approximately 260 attendees from across the state. I was in charge of finding invited speakers, finding a headquarter hotel, and reserving rooms on campus. Additionally I helped out with nearly all aspects of hosting this conference.

Community –
    Presented Middle Level Math TEKS Connections 2-Day workshop for Region 9 ESC, June 30-July 1 (2008); January 28-29 (2008) ; May 31-June 1 (2007)

    Member of the Leadership Team for the annual Math, Science and U conference for middle school girls (formerly Expanding Your Horizons), 2001 – present

    Member of Leadership Team for the organization of the annual Math-Science Region 9 Conference, 2002 – 2005, 2008

    Served on Geometry Textbook Selection Committee for Wichita Falls ISD, 2006-2007

Awards/Honors: Recipient of Texas Section of MAA *2013 Distinguished Contribution to Students Award*

    MSU Hardin Professor of the year, 2011

    One of several Faculty Mentor Award, 2010 The Department of Mathematics at The University of Texas Arlington (Award given by former MSU Math Major)

    Recipient of Texas Section of MAA *2008 Distinguished College or University Teaching of Mathematics Award*

    Recognized in April of 2002 at UNT's alumni appreciation day as the Department Of Mathematics selection for "outstanding alumni for excellence in their profession"