

CURRICULUM VITAE

Thomas J. Klein
September 23, 2025

EDUCATION

University of Notre Dame, Notre Dame, IN, **B.S.** in Honors Mathematics, awarded May 17, 1987

Vanderbilt University, Nashville, TN, **M.S.** in Mathematics, awarded May 12, 1989

Vanderbilt University, Nashville, TN, **Ed.D.** in Mathematics Education, awarded December 16, 1993

TEACHER CERTIFICATION--West Virginia Certification for Mathematics Grades 5-12, 2008-2011,
Indiana Teaching Certification for High School Mathematics, 1987-1992

FULL-TIME PROFESSIONAL EXPERIENCE

Professor, 2003-present, Associate Professor, 2000-2002, Director of Academic Advising, 2008-2009, & NCATE Coordinator, 2008-2009; College of Education and Professional Development, Marshall University, Huntington, WV 25755 & **High School Teacher (Part-Time), 2006-2008**, June Harless Center, Marshall University, Huntington, WV 25755

Associate Professor, 1997-2000 & Assistant Professor, 1992-1997, Department of Mathematical Sciences, Morehead State University, Morehead, KY 40351

TEACHING AND ADVISING

COURSES TAUGHT AT MARSHALL UNIVERSITY—CI 101: Mathematics for Elementary Teachers I, CI 102: Introduction to Computers in the Classroom, CI 201: Mathematics for Elementary Teachers II, CI 301: Teaching Elementary School Mathematics, CI 350: Instructional Technology and Computing, CI 401: Middle Childhood Curriculum (writing intensive), CI 402: Teaching Middle Childhood Learners (writing intensive), CI 403: Methods and Materials of Teaching in the Middle Childhood Grades, CI 415: Integrated Methods and Materials: Secondary Education (writing intensive), CI 449: Instructional and Classroom Management: Secondary Education, CI 450: Level III Clinical Experience, CI 470: Level II Clinical Experience, CI 515: Integrated Methods and Materials: Secondary Education, CIME 650: Algebra for Mathematics Educators, EDF 417: Statistical Methods, EDF 435: Classroom Assessment (writing intensive), EDF 517: Statistical Methods, EDF 637: Level II Clinical Experience, MTH 121: Concepts and Applications of Mathematics, UNI 101: New Student Seminar

COURSES TAUGHT AT MOREHEAD STATE UNIVERSITY—MATH 131: General Mathematics: Problem Solving Strategies, MATH 135: Mathematics for Technical Students, MATH 152: College Algebra, MATH 175: Analytic Geometry and Calculus I, MATH 231: Mathematics for the Elementary Teacher I, MATH 232: Mathematics for the Elementary Teacher II, MATH 330: Geometry for Teachers (K-4), MATH 354: Business Statistics, MATH 373: Principles and Techniques of Teaching Mathematics, MATH 374: Clinical and Field Experiences in the Teaching of Mathematics, MATH 631: Problem Solving and the Teaching of Mathematics in the Elementary School, MSU 101: Discovering University Life

PROFESSIONAL ACHIEVEMENT

ARTICLE PUBLISHED--Michael Corrigan, Thomas J. Klein, and Thelma Isaacs, "Trust Us: Documenting the Relationship of Students' Trust in Teachers to Cognition, Character, and Climate," Journal of Research in Character Education, Volume 8 Issue 2, 2010, pages 61-73.

SELECT GRANTS FUNDED

The Appalachian Collaborative Center for Learning, Assessment, and Instruction in Mathematics (ACCLAIM), an NSF-funded Center for Learning and Teaching (with the University of Tennessee, the University of Kentucky, the University of Louisville, Ohio University, West Virginia University, and Marshall University, along with the Appalachian Rural Systemic Initiative (ARSI)), 2001-2005

Improving Teacher Quality Program titled “Designing Quality Mathematics Lessons” (supporting role with the June Harless Center at Marshall University), 2015
Improving Teacher Quality Program titled “Building Mathematical Understanding in Grades 3-5” (supporting role with the June Harless Center at Marshall University), 2016
Improving Teacher Quality Program titled “Empowering Students to Achieve in Mathematics in Grades 3-5” (supporting role with the June Harless Center at Marshall University), 2017
Improving Teacher Quality Program titled “Building an Algebraic Mind-Set in Middle School” (supporting role with the June Harless Center at Marshall University), 2017

RECENT PRESENTATIONS AT REGIONAL AND NATIONAL CONFERENCES

"Using PowerPoint to Create Videos for Teaching Mathematics" at the International Conference on Technology in Collegiate Mathematics on March 16, 2019 at Scottsdale, AZ
"Using Instructor-Created Videos to Teach Mathematics for Elementary Teachers" at the International Conference on Technology in Collegiate Mathematics (Virtual) on October 8, 2021 and on March 8, 2024
"Using PowerPoint to Create Videos for Teaching Mathematics" at the International Conference on Technology in Collegiate Mathematics (Virtual) on March 4, 2022
“Creating Effective Videos for Teaching Mathematics with PowerPoint” at the International Conference on Technology in Collegiate Mathematics on March 8, 2025 at San Diego, CA

RECENT PRESENTATIONS AT STATE CONFERENCES

"Building Understanding of Equivalent Fractions and Fraction Operations" with Natalie Dillinger at the West Virginia Council of Teachers of Mathematics Conference on March 18, 2017 at Stonewall Resort, WV
"Using Graphing Calculators to Model Linear and Exponential Functions" with Natalie Dillinger at the West Virginia Council of Teachers of Mathematics Conference on March 18, 2017 at Stonewall Resort, WV
“iPad Apps for Elementary Mathematics” at the at the Ohio Council of Teachers of Mathematics Conference on October 24, 2019 at Sandusky, OH
"Building Deep Understanding of the Mean and Strategies for Solving Problems Involving the Mean" at the West Virginia Council of Teachers of Mathematics Conference on March 18, 2022 at Stonewall Resort, WV
"Building Deep Understanding of the Mean and Strategies for Solving Problems Involving the Mean" at the Ohio Council of Teachers of Mathematics Conference on October 28, 2022 at Sharonville, OH
"Building Deep Understanding of Division by Zero" at the Ohio Council of Teachers of Mathematics Conference on October 12, 2003 at Sandusky, OH
"Building Deep Understanding of Division by Zero" at the West Virginia Council of Teachers of Mathematics Conference on March 15, 2024 at Stonewall Resort, WV

ACADEMIC ORGANIZATIONS—National Council of Teachers of Mathematics, the West Virginia Council of Teachers of Mathematics, and the Ohio Council of Teachers of Mathematics

RECENT CONSULTING

Reviewer of mathematics curriculum analysis reports for the West Virginia Department of Education in 2010-2012
Writer in 2013 of a 6th grade unit addressing the Statistics and Probability objectives and higher education representative on a team of 6th grade teachers charged with writing units of instruction addressing the Next Generation Mathematics Standards for the West Virginia Department of Education Teach21 web site
West Virginia representative on February 14-15, 2013 on a multi-state standard setting panel for the Middle School Mathematics test facilitated by Educational Testing Service in Princeton, NJ
Co-writer in 2015 of a 6th grade unit addressing the Statistics and Probability objectives within the Next Generation Mathematics Standards for West Virginia University Academic Innovation
Higher education reviewer in 2015 of 8th grade units addressing the Next Generation Mathematics Standards for West Virginia University Academic Innovation
Participant on December 1, 2016 in a meeting to recommend a passing score for beginning middle school mathematics and Algebra I teachers on the Praxis Algebra I test
Reviewer of CAEP specialized professional association reports for the National Council of Teachers of Mathematics in 2020-2023