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Academic Background

Ed.D. Learning Organizations and Strategic Change, Lipscomb University, Nashville, TN 2012
M.Ed. Administration and Supervision, Lipscomb University, Nashville, TN 2001
B.S. Elementary Education, Math and Science, Lipscomb University, Nashville, TN 1996

Professional Experience

Director, College of Education, Lipscomb University, Nashville, TN 2020-present
Associate Professor, College of Education, Lipscomb University, Nashville, TN 2018-present
Assistant Professor, College of Education, Lipscomb University, Nashville, TN 2012-2018
Math Teacher, W.H. Oliver Middle School, Metropolitan Nashville Public Schools 2005-2011
Math Teacher, McMurray Middle School, Metropolitan Nashville Public Schools 1997-2004

Research Interests

- K-12 Mathematics Instruction
- Mindset in the Mathematics Classroom
- Linguistic Support and Strategies for Multilingual Learners in Mathematics
- Instructional Coaching

Grants

- Co-Pi for Lipscomb Noyce Scholars Program, National Science Foundation (NSF) Robert Noyce Teaching Scholarship Program Grant (2020 to present).
- MSP Project Director, SEE-Math Institute Grant, Lipscomb University (2015-2018)
- Improving Teacher Quality (ITQ) Middle Grades Math Institute, Co-Director (2015-2016)

Teaching and Learning Scholarship

- 2019-2020: Medlock, E. S., Parker-Peters, M., Jennifer, C., Wood, P., & Mitchell, S. *Examining Mindset in the Middle School Math Classroom*. Research Project
- 2018-2019: Bruce, L., Fain, J., Medlock, E.S., & Savage, J., *Research for Teaching and Learning Fellowship at Lipscomb Academy*.
- Research for Teaching and Learning Fellowship at Lipscomb Academy. Community of Writers initiative (Year 3). Implementing writing in the classroom research.
- 2018-2019: Medlock, E. S., Parker-Peters, M., Jennifer, C., Wood, P., & Mitchell, S. *Examining Mindset in the Middle School Math Classroom*. Research Project
- 2018-2019: Medlock, E. S., *SIMS in Teacher Prep*.
- 2017-2018: Bruce, L., Fain, J., Medlock, E.S., & Savage, J., *Research for Teaching and Learning Fellowship at Lipscomb Academy*.
- Research for Teaching and Learning Fellowship at Lipscomb Academy. Community of Writers (Year 2). Led Professional Learning Community and Mathematical Mindsets book study with Middle and High School Mathematics Team.
- 2017-2018: Medlock, E. S., Parker-Peters, M., Jennifer, C., Wood, P., & Mitchell, S. *Examining Mindset in the Middle School Math Classroom*. Research Project

Peer-Reviewed Presentations

International

- Medlock, E. S. (2020-2021). *Exploring Linguistic Support and Mathematical Strategies for Multilingual Learners*. Association of Middle Level Educators (AMLE), National Harbor, Maryland.

- Medlock, E. & Nordstrom, H. (2014-2015, December). *Math Expedition: Navigating Technology and Common Core*. Learning Forward Annual Conference, Nashville, Tennessee.
- Medlock, E., Nordstrom, H., & Wood, P. (2014-2015, November). *Math Expedition: Navigating Technology in the Middle School Classroom*. American Middle Level Educators Annual Conference, Nashville, Tennessee.

National

- Medlock, E. S. & Parker Peters, M. (2019-2020, November). *Partnerships Producing Outcomes: Building Mathematical Mindsets Together*. Association of Middle Level Educators (AMLE), Nashville, Tennessee.
- Medlock, E. S. & Parker Peters, M. (2019-2020, November). *Partnerships Producing Outcomes: Building Mathematical Mindsets Together*. Association of Middle Level Educators (AMLE), Nashville, Tennessee.
- Medlock, E. S. & Duncan, S. (2019-2020, November). *Exploring Technology Tools That Promote Student Creativity and Learning*. Association of Middle Level Educators (AMLE), Nashville, Tennessee.
- Medlock, E. S. & Parker Peters, M. (2018-2019, February). *Partnerships Producing Outcomes: Building Mathematical Mindsets Together*. American Association of Colleges of Teacher Education, Louisville, Kentucky.
- Medlock, E. S., Knott, J., Clay, J., Wood, P., & Mitchell, S. (2017-2018, March). *Writing in Math Class: Simple Strategies for Your Classroom*. MidSchoolMath National Conference, Santa Fe, New Mexico.
- Medlock, E. S. & Stewart, M. (2017-2018, March). *Exploring the Landscape of Learning: The What, Why and How of Instructional Strategies*. Association for Supervision and Curriculum Development, Boston, Massachusetts.
- Nordstrom, H. & Medlock, E. (2014-2015, March). *Creating an Engaged Environment with Current Technology and Pedagogy*. National Christian School Association Conference, Nashville, Tennessee.
- Nordstrom, H. & Medlock, E. (2014-2015, December). *Digital Pioneers: Exploration + Education = Innovation! Make Learning an Adventure*. Invited presentation at Learning Forward Annual Conference, Nashville, Tennessee.
- Abood, C. & Medlock, E. (2014-2015, February). *Enriching Teacher Candidate Experience Through Clinical Practice*. AILACTE CONFERENCE, Atlanta, Georgia.
- Medlock, E. (2014-2015, October). *Building Your Technology Toolbox for Today's Classroom*. ACCEPP, Nashville, Tennessee.

State

- Medlock, E. S., Clay, J., Mitchell, S., & Wood, P. (2018-2019, November). *Writing in Math Class: Simple Strategies for Your Classroom*. Tennessee Association for Independent Schools, Memphis, Tennessee.
- Marklein, K., Milligan, R., Medlock, E., & Lindsey, S. (2017-2018, October). *Increasing Educator Effectiveness Through Collaboration*. LEAD Conference, Nashville, Tennessee.
- Medlock, E. S., Clay, J., Knott, J., Wood, P., & Mitchell, S. (2017-2018, November). *Implementing Writing in the Middle School Math Classroom*. Invited presentation at Christian Schools In-Service, Nashville, Tennessee.
- Nordstrom, H. & Medlock, E. (2014-2015, April). *Math Expedition: Navigating Technology*. Tennessee Educational Technology Conference, Nashville, Tennessee.
- Medlock, E. & Williams, D. (2014-2015, January). *Math Practice Standards and Instructional Strategies*. Ayers Institute InVest Training, Nashville, Tennessee.

Local

- Medlock, E., Duncan, S., & Utterback, C. (2017-2018, September). *Benefits for All: The Croft Middle/Lipscomb University Partnership*. Fortify, Nashville, Tennessee.

- Medlock, E., Knott, J., Clay, J., Wood, P., & Mitchell, S. (2017-2018, September). *Partnerships for Writing Strategies: Implementing Writing in the Middle School Classroom*. Fortify, Nashville, Tennessee.

Scholarly Presentations

- SEE-Math Institute L, TN MSP grant, Lipscomb University, Presenter, *Pedagogy, Standards, and Instructional Strategies for the Elementary Mathematics Classroom* (2018-2019)
- Tennessee Department of Education, TDOE Content Development Team, Mathematics (2017-2018)
- Lipscomb University, Improving Teacher Quality (ITQ) Middle Grades Math Institute, Presenter, Lipscomb University, *Organizing Productive Discussions* (2017-2018)
- SEE-Math Institute T, TN MSP grant, Lipscomb University, Presenter, *Pedagogy, Standards, and Instructional Strategies for the Elementary Mathematics Classroom* (2017-2018).
- SEE-Math Institute T, TN MSP grant, Presenter, *Integrating Technology and Literacy Strategies for the Elementary Mathematics Classroom* (2017-2018).
- SEE-Math Institute S, TN MSP grant, Lipscomb University, Presenter, *Pedagogy, Standards, and Instructional Strategies for the Elementary Mathematics Classroom* (2017-2018).
- SEE-Math Institute R, TN MSP grant, Lipscomb University, Presenter, *Integrating Technology and Literacy Strategies for the Elementary Mathematics Classroom* (2017-2018).
- SEE-Math Institute R, TN MSP grant, Lipscomb University, Presenter, *Engaging the Standards: Pedagogy, Standards, and Instructional Strategies for the Elementary Mathematics Classroom* (2017-2018).
- SEE-Math Institute T, TN MSP grant, Lipscomb University, Presenter, *Pedagogy, Standards, and Instructional Strategies for the Elementary Mathematics Classroom* (2016-2017)
- SEE-Math Institute T, TN MSP grant, Lipscomb University, Presenter, *Integrating Technology and Literacy Strategies for the Elementary Mathematics Classroom* (2016-2017)
- SEE-Math Institute S, TN MSP grant, Lipscomb University, Presenter, *Pedagogy, Standards, and Instructional Strategies for the Elementary Mathematics Classroom* (2016-2017).
- SEE-Math Institute S, TN MSP grant, Lipscomb University, Presenter, *Integrating Technology and Literacy Strategies for the Elementary Mathematics Classroom* (2016-2017).
- SEE-Math Institute R, TN MSP grant, Lipscomb University, Presenter, *Pedagogy, Standards, and Instructional Strategies for the Elementary Mathematics Classroom* (2016-2017).
- SEE-Math Institute R, TN MSP grant, Lipscomb University, Presenter, *Integrating Technology and Literacy Strategies for the Elementary Mathematics Classroom* (2016-2017).
- SEE-Math Institute Fall Workshop, TN MSP grant, Lipscomb University, (September 10, 2016) Presenter, *Math Tasks and Problem-Solving Strategies for the Elementary Mathematics Classroom*
- SEE-Math Institute T, TN MSP Grant, Lipscomb University, Presenter, *Technology Strategies for the Elementary Classroom* (2015-2016)
- SEE-Math Institute T, Lipscomb University, Presenter, *Pedagogy, Standards, and Instructional Strategies for the Elementary Mathematics Classroom* (2015-2016).
- SEE-Math Institute S, TN MSP Grant, Lipscomb University, Presenter, *Pedagogy, Standards, and Instructional Strategies for the Elementary Mathematics Classroom* (2015-2016).
- SEE-Math Institute R, TN MSP Grant, Lipscomb University, Presenter, *Technology Strategies for the Elementary Classroom* (2015-2016)
- Improving Teacher Quality (ITQ) Middle Grades Math Institute, Lipscomb University, Presenter, *Tech Tools for the Middle School Classroom* (2015-2016)
- Improving Teacher Quality (ITQ) Middle Grades Math Institute, Lipscomb University, Presenter, *Algebraic Thinking: Hands-On Strategies* (2015-2016)
- SEE-Math Institute S, TN MSP Grant, Lipscomb University, Presenter, *Technology Strategies for the Elementary Classroom* (2015-2016).
- SEE-Math Institute R, TN MSP grant, Lipscomb University, Presenter, *Pedagogy, Standards, and Instructional Strategies for the Elementary Mathematics Classroom* (2015-2016)

Professional Development Presented

- MNPS GEAR UP Grant, Facilitated professional learning community (PLC) work and Book Study of *Mathematical Mindsets* by Jo Boaler for MNPS 8th/9th grade math teachers (Spring 2021).
- MNPS GEAR UP Grant, Facilitated professional learning community (PLC) work and Book Study of *Motivated* by Illana Horn for MNPS 8th/9th grade math teachers (Fall 2020).
- Medlock, E. S. (2020-2021, June). *Growing Together: Creating a Professional Learning Community*. MNPS GEAR UP Grant Math Summer Institute, Nashville, Tennessee.
- Medlock, E. S. (2020-2021, June). *Visualizing and Investigating Big Ideas*. MNPS GEAR UP Grant Math Summer Institute, Nashville, Tennessee.
- Medlock, E. S. (2020-2021, June). *Creating a Mathematical Mindset Community*. MNPS GEAR UP Grant Math Summer Institute, Nashville, Tennessee.
- McMurray Middle School, MNPS GEARUP Professional Development: *Exploring Linguistic Support and Mathematical Strategies for Multilingual Learners*, co-facilitator with Dr. Jeanne Fain (2019-2020).
- Tennessee Department of Education, Facilitator, Middle School Mathematics Standards Summer Training (2016-2017)
- Franklin Special School District, Franklin, TN, Presenter, *Academic Feedback for Learning in the Middle School Classroom*, FSSD Professional Development Day (2016-2017)
- Franklin Special School District, Presenter, *Academic Feedback for Learning in the Elementary Classroom*, FSSD Professional Development Day (2016-2017)
- Robertson County Schools, Mathematics Professional Development, *Engaging the Standards in the Mathematics Classroom*, Robertson County Middle School and High School Math Coaches (2016-2017).

Service/Instructional Coaching

- Metropolitan Nashville Public Schools, Mathematics Consultant, Ayers Institute/MNPS GEAR UP Grant for Middle and High School Math (2019 to present)
- Lipscomb Academy, Mathematics Mentor/Coach for First-Year Math Teacher (2020-2021)
- McMurray Middle School, GEAR UP Professional Development: Exploring Linguistic Support and Mathematical Strategies for Multilingual Learners, co-presenter (2019-2020)
- Lipscomb Academy, Mathematics Mentor/Coach for First-Year Math Teacher (2019-2021)
- Lipscomb Academy Instructional Coach, Lipscomb Academy Research Fellowship (2019-2020).
- Antioch Middle School, Instructional Coach, Antioch Middle School/Lipscomb University SPED grant (2019-2020).
- The Ayers Institute, Instructional Coach at Lexington High School as a part of the Henderson County Partnership/Ayers GEAR UP grant (2013-2019).
- Lipscomb University, Instructional Coach, Alternative Licensure Program. Provided mentoring and coaching for a teacher candidate in the mathematics classroom (2018-2019).
- Metropolitan Nashville Public Schools, MNPS New Principal Coach as a part of the MNPS/Ayers Institute Partnership. (2017-2018).
- Lipscomb Academy Instructional Coach, Lipscomb Academy Research Fellowship (2017-2018).
- Improving Teacher Quality (ITQ) Middle Grades Math Institute, Lipscomb University, Presenter, *Tech Tools for the Middle School Classroom* (2015-2016)
- Improving Teacher Quality (ITQ) Middle Grades Math Institute, Lipscomb University, Presenter, *Algebraic Thinking: Hands-On Strategies* (2015-2016)
- SEE-Math Institute S, TN MSP Grant, Lipscomb University, Presenter, *Technology Strategies for the Elementary Classroom* (2015-2016).
- SEE-Math Institute R, TN MSP grant, Lipscomb University, Presenter, *Pedagogy, Standards, and Instructional Strategies for the Elementary Mathematics Classroom* (2015-2016)

University Committees

- General Education (Gen Ed) Council (2020-present)
- Liaison for University Pencil Partnership with Croft Middle School (2015-present)
- LIGHT Advisory Council (2016-present)
- Lipscomb Forward Working Group 1 (2019-2020)
- Noyce Leadership Committee (2019-present)
- Quality Enhancement Plan (QEP) (2015-2017)

College of Education Committees

- Deans for Impact. CIS (Common Indicators System) Network Team (2019-present)
- Cultural Diversity Teacher Training Scholarship Committee, College of Education, Lipscomb University (2020-present)
- Pionero Scholarship Interview Selection Team (2017-present)
- College of Education Diversity Task Force (2017-2020)
- Professional Learning & Coaching in Mathematics Committee, Lipscomb University, collaborating with Education and Mathematics faculty members to redesign the Master of Education with Math Specialty program (2015-2017).
- Lipscomb Academy Mathematics Standards Review Committee (2014-2015)

Other Committees

- Nolen Hills Church of Christ Youth Camp, Co-Director (2019-present)
- Mill Creek Middle School PTO, PTO Fundraising Committee Chair (2017-2019)
- Metro Council on Teacher Education (MCTE) (2020-present)
- Tennessee Department of Education, TDOE Content Development Team, Mathematics (2016-2017)
- Tennessee Department of Education, TDOE Content Development Team, Mathematics (2017-2018)
- Tennessee Math Standards Review Committee, Appointed by Governor Haslam as a member of the to collaborate with other Tennessee mathematics educators to review current mathematics standards (2015-2016).
- Metro Council on Teacher Education (MCTE) (2015-2016)

Memberships

- Council on Undergraduate Research (2019-present)
- Tennessee Mathematics Teachers Association (2019-present)
- Association for Middle Level Education (2014-15,2019-20)
- ASCD (2012 to present)
- National Council of Teachers of Mathematics (NCTM) (2009 to present)