

# Dr. Carrie S. Cutler

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College of Education  
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## ACADEMIC RANK

- Clinical Assistant Professor, Mathematics Education, University of Houston, Houston, TX

## EDUCATION

### **Doctor of Education, Curriculum and Instruction (Mathematics Education emphasis), University of Houston, Houston, TX 2006**

- Dissertation: *Quantitative Comparisons and Representations of Number Among Preschool-age Children*
- Dissertation Chair: Dr. Juanita Copley

### **Master of Arts, Teaching and Learning, Brigham Young University, Provo, UT 1999**

- Thesis: *Sixth Graders' Oral Retellings of Compare Word Problems*
- Thesis Chair: Dr. Eula Ewing Monroe
- Teaching Assistantship Recipient
- 4.0 Grade Point Average

### **Bachelor of Science, Elementary Education, Utah State University, Logan, UT 1995**

- Graduated *Summa Cum Laude*
- Minor: Music
- Awards and Honors: Blue Key Honor Fraternity, Phi Kappa Phi Honor Society, Golden Key Honor Society, Elementary Education Association officer

## UNIVERSITY AND COLLEGE TEACHING EXPERIENCE

### **University of Houston, Houston, TX 2002-present**

- *Elementary Education 4314 and 4315: Elementary School Mathematics Methods*
  - Major concepts: NCTM Standards-based instruction including *Principles to Actions* (NCTM, 2014), content, and pedagogy for elementary teachers, Number Talks, Cognitively Guided Instruction, Three Act Tasks, Growth Mindset in mathematics, authentic assessment, using centers to differentiate instruction in mathematics

- *Elementary Education 6335: Elementary School Mathematics Methods*
  - Major concepts: Standards-based instruction, authentic assessment, student-centered classrooms, using centers to differentiate instruction, graduate-level course
- *Curriculum and Instruction 6334: Teaching Mathematics to Young Children*
  - Major concepts: Cognitively Guided Instruction, developmentally-appropriate practice, mathematics centers, differentiated instruction, graduate-level course
- *Curriculum and Instruction 4341: Teaching Problem Solving in Mathematics*
  - Major concepts: Introducing strategies for teaching secondary mathematics content through problem solving (E.g. make an organized list, work backwards, draw a picture), primarily geared toward preservice teachers of secondary mathematics
- *Curriculum and Instruction 6341: Teaching Problem Solving in Mathematics*
  - Major concepts: Applying strategies for teaching content through problem solving in grades 4-12, graduate-level course for secondary mathematics educators
- *Curriculum and Instruction 4315: Assessment of Young Children*
  - Major concepts: Developmentally-appropriate forms of assessment for birth through age eight (E.g. checklists, rubrics, anecdotal records), parent-teacher communication, documentation for referral for special services

## **AWARDS AND HONORS**

- Teaching Excellence Award for Clinical Faculty, University of Houston, 2019-2020
- Five Years of Service Award, University of Houston, 2020
- Teaching Excellence Award, College of Education, University of Houston, 2018-2019
- Outstanding Adjunct Professor, University of Houston-Downtown, 2013-2014
- Houston Area Association for the Education of Young Children Outstanding Teacher Educator Award, 2014

## **GRANTS**

- University of Houston Libraries and Office of the Provost Alternative Textbook Incentive Program (ATIP), with Justin Burris and Shea Culpepper, award \$2500, July 2020

## NATIONAL AND INTERNATIONAL PRESENTATIONS

### *Real (Kid) World Measurement: Culturally Responsive Measurement Tasks for PreK-2”*

- National Council of Teachers of Mathematics Regional Conference, New Orleans, LA AZ 2021
- With Gabby Salton, former student

### *Let’s Shake a Leg: Movement-Infused Math for Preschool and Kindergarten*

- National Council of Teachers of Mathematics Fall Virtual Conference, Phoenix, AZ 2021
- With Angeles Rivero Loyola and Heather Martinez, former students

### *Fired Up, Not Burned Out: Preschool and Kindergarten Math Centers that Ignite Learning*

- National Council of Teachers of Mathematics Annual Meeting and Exposition, Atlanta, GA 2021

### *Math-Positive Mindsets: How to Leverage Family Engagement to Extend Growth Mindsets Beyond Classroom Walls*

- National Council of Supervisors of Mathematics Annual Conference, Atlanta, GA 2021

### *There’s a Book for That: Connecting Young Children to Mathematics through Children’s Literature*

- National Council of Teachers of Mathematics Regional Meeting and Exposition, Dallas, TX 2021 (transitioned to virtual conference)
- With Megan Colvin, former student

### *Math-Positive Mindsets for Math-Phobic Parents: How to Tackle Parental Concerns about Math Nowadays*

- National Council of Teachers of Mathematics Annual Meeting and Exposition, Chicago, IL 2020 (accepted but conference cancelled)

### *Student-Created Three Act Tasks: Mathematical Modeling for the Youtube Generation*

- National Council of Teachers of Mathematics Annual Meeting and Exposition, San Diego, CA 2019

### *Centers, Games, and Talks! Oh, My! Number Sense for Preschoolers*

- National Association for the Education of Young Children Annual Conference, Nashville, TN 2019
- Selected as one of two highlighted sessions sponsored by the Early Math

Interest Forum of the NAEYC

***Deepening Students' Mathematical Understanding with Children's Literature***

- Nation-wide webinar sponsored by the National Council of Teachers of Mathematics and available for free to all members and interested parties
- November 2018
- With Dr. Eula Ewing Monroe

***Linking Children's Literature and Mathematics for Deep Learning and Transfer***

- International Literacy Association Conference and Exhibits, Austin, TX 2018 (with Dr. Eula Ewing Monroe and Dr. Terrell Young)

***How Teaching the Growth Mindset Gave Me a Growth Mindset***

- International Literacy Association Conference and Exhibits, Austin, TX 2018 (presentation affiliated with the Teacher as Research SIG of the ILA)

***Get the Picture: Connecting Young Children to Mathematics Through Books***

- National Council of Teachers of Mathematics Annual Meeting and Exposition, Washington, DC 2018 (with Dr. Eula Ewing Monroe)

***Cultivating Math-Positive Parents: Passing the Growth Mindset on to Families***

- National Council of Teachers of Mathematics Annual Meeting and Exposition, Washington, DC 2018

***Using Picture Books to Engage Children in Meaningful Mathematics***

- 20th European Conference on Literacy. A joint conference of the International Development in Europe Committee (IDEC) of the International Literacy Association (ILA), The Spanish Reading and Writing Association (AELE), with the support from the University Complutense of Madrid (UCM), Madrid, Spain 2017 (accepted, unable to attend)

***Mindful Movement in the Early Childhood Classroom***

- National Association for the Education of Young Children Annual Conference, Atlanta, GA 2017 (with Mrs. Adrienne Johnson)

***Get a Move On: Movement-Infused Math for Preschool and Kindergarten***

- National Council of Teachers of Mathematics Annual Meeting and Exposition, San Antonio, TX 2017

***Do Counting Books Count for Much? Selecting Trade Books for Math Instruction***

- International Literacy Association Conference and Exhibits, Orlando, FL

2017 (with Mrs. Adrienne Johnson)

***Differentiating with Tiered Lessons and Small-Group Instruction***

- National Council of Teachers of Mathematics Annual Meeting and Exposition, Boston, MA 2015

***Seven Essentials for Future Math Success and DAP Activities to Make Them Stick***

- National Association for the Education of Young Children Annual Conference, Los Angeles, CA 2014

***Building Preschoolers' Number Sense: More Than Just Counting Beans***

- National Association for the Education of Young Children Annual Conference, Dallas, TX 2014

***Putting It Together: Activities for Understanding Number Composition and Decomposition***

- National Council of Teachers of Mathematics Annual Meeting and Exposition, New Orleans, LA 2014

***Pump Up the Volume***

- National Council of Teachers of Mathematics Annual Meeting and Exposition, Denver, CO 2013

***Oral Retellings of Math Word Problems: A Promising Approach?***

- Association of Mathematics Teacher Educators, Orlando, FL 2013 (with Eula Ewing Monroe)

***Number, Geometry, and Measurement! Oh, My! Math for Preschoolers***

- National Association for the Education of Young Children Annual Conference, Atlanta, GA 2012

***Subitizing and Arrangement of Counters: Effects on Preschoolers' Quantitative Comparisons***

- Research Pre-session, National Council of Teachers of Mathematics Annual Meeting, Philadelphia, PA 2012

***Don't Be Obtuse! Games and Lessons for Building Mathematical Vocabulary***

- National Council of Teachers of Mathematics Annual Meeting and Exposition, Indianapolis, IN 2011

***Subitizing and Arrangement of Counters: Effects on Preschoolers' Quantitative Comparisons***

- Poster session, National Association for the Education of Young Children,

Anaheim, CA 2010

***Spicing It Up: A Five-Step Recipe for Adding Flavor to Bland Word Problems***

- National Council of Teachers of Mathematics Annual Meeting and Exposition, San Diego, CA 2010

***How Much Are Trade Books Really Worth? A Guide for Using and Selecting Picture Books in Early Childhood Mathematics***

- National Association for the Education of Young Children Annual Conference, Washington, DC 2009

***Assessment for All: Using Performance Tasks to Encourage Accountability, Equity, and Deep Understanding***

- National Council of Teachers of Mathematics Annual Meeting and Exposition, Washington, DC 2009

***Here's One for the Little Guy: Fitting Math into the Early Childhood Curriculum***

- National Council of Teachers of Mathematics Annual Meeting and Exposition, Salt Lake City, UT 2008

***Gift Wrap and Roller Coasters: Calculators for Real World Problem Solving***

- National Council of Teachers of Mathematics Regional Convention, Houston, TX 2007

***Can You Repeat the Question? Oral Retellings of Word Problems***

- National Council of Teachers of Mathematics Annual Meeting and Exposition, St. Louis, MO 2006

***Pizza, Pizza: Using Calculators to Measure the World***

- National Council of Teachers of Mathematics Regional Convention, Phoenix, AZ 2006

***Oral Retellings: Solution Strategy for Compare Word Problems?***

- North American Chapter of the International Group for the Psychology of Mathematics Education, Merida, Yucatan, Mexico 2006 (with Eula Ewing Monroe)

***Selecting Children's Trade Books for Mathematics Instruction***

- National Council of Teachers of Mathematics Annual Meeting and Exposition, Philadelphia, PA 2004 (with Eula Ewing Monroe)

***What's in an A? Motivating Preservice Teachers to Go the Extra Mile***

- National Council of Teachers of Mathematics Annual Meeting and

Exposition, Philadelphia, PA 2004 (with Eula Ewing Monroe)

***Selecting Children's Trade Books for Mathematics Instruction***

- National Council of Teachers of Mathematics Annual Meeting and Exposition, San Antonio, TX 2003 (with Eula Ewing Monroe)

***Oral Retellings of Mathematical Word Problems***

- 11th European Conference on Reading, Stavanger, Norway 1999 (with Eula Ewing Monroe—unable to attend)

**STATE AND LOCAL PRESENTATIONS**

***Three Act Tasks: Mathematical Modeling plus Cultural Relevance Makes Sense***

- Conference for the Advancement of Mathematics Teaching, Houston, TX 2021

***More Math! Less Stress! Fun Centers and Games for PreK-2nd Grade***

- Conference for the Advancement of Mathematics Teaching, Houston, TX 2021

***How Does Growth Mindset Instruction Affect Preservice Teachers' Perceptions of Mathematics Learning?***

- Association of Mathematics Teacher Educators—Texas, Annual Conference, Baylor University, Waco, TX 2019

***Builders at Work: Tasks & Tools for Developing Number Sense in the Early Years***

- Conference for the Advancement of Mathematics Teaching, Houston, TX 2018

***Math Counts: What Directors and Teachers Can Do to Support Preschool Math Foundations***

- Texas Association for the Education of Young Children, Annual Conference, Dallas, TX 2016

***Ten Essential Math Skills to Develop in the Early Years***

- Harris County Department of Education Early Childhood Conference, Houston, TX January 2016

***Overview of Developmentally Appropriate Math for Preschoolers***

- Houston Area Association for the Education of Young Children, Fall Conference, Houston, TX 2015

***Developmentally Appropriate Practice: Ensuring Your Expectations Are Realistic Yet Challenging***

- Harris County Department of Education Early Childhood Conference, Houston, TX January 2015

***Easy Math Centers for Preschoolers***

- Houston Area Association for the Education of Young Children, Fall Conference, Houston, TX 2014

***Best Practices for Preschool Math***

- Texas Association for the Education of Young Children, Fall Conference, San Antonio, TX 2013

***Math Measures Up***

- Houston Area Association for the Education of Young Children, Fall Conference, Montgomery, TX 2013

***Math for Little Guys: Best Practices in the Preschool Classroom***

- Houston Area Association for the Education of Young Children, Fall Conference, Houston, TX 2010

***Do Counting Books Count for Much? Selecting and Using Mathematics Picture Books***

- Houston Area Association for the Education of Young Children, Houston, TX 2007 (with Mary Beth Nolan)

***Munchkin Math: Integrating Mathematics into the Preschool Curriculum***

- Conference for the Advancement of Mathematics Teaching, Houston, TX 2006

***Calculators Add Up to Meatier Mathematics***

- Conference for the Advancement of Mathematics Teaching, Dallas, TX 2005

***Selecting Trade Books for Mathematics***

- Conference for the Advancement of Mathematics Teaching, San Antonio, TX 2004

***Making Informed Decisions about Math Trade Books***

- Texas Association for the Improvement of Reading, Houston, TX 2003

**PUBLICATIONS**

**[Differentiation through Small-Group Instruction and Learning Centers](#)**



- The Banneker Banner
- Journal of the Maryland Council of Teachers of Mathematics
- Spring 2021

**Preservice Teachers' Mathematical Mindsets during Pandemic-Induced Pivot to Online Learning**

- Frontiers in Education: Teacher Education
- November 2020

**Math-Positive Parents: Growing a Child's Mind without Losing Yours**

- Math Solutions Press (an imprint of Houghton Mifflin Harcourt)
- May 2020

**"Get the Picture: Connecting Young Children to Mathematics through Books"**

- Book chapter in *Deepening Students' Mathematical Understanding with Children's Literature*
- Published by the National Council of Teachers of Mathematics, 2018

**Book Review: Reconceptualizing Agency and Childhood: New Perspectives in Childhood Studies**

- *Journal of Family Strengths*
- Vol. 16: Issue 1, Article 11, September 2016

**"Seven Essential Skills for Future Math Success"**

- *Early Years*
- Published by the Texas Association for the Education of Young Children, 2015

**"Support Math with Materials You Have at Home"**

- *NAEYC For Families*
- Published by the National Association for the Education of Young Children, 2013

**"The Bakery Project: A Recipe for Integrated Instruction"**

- *The Advocate*
- Published by the Houston Area Association for the Education of Young Children, 2012
- Co-authored with Stacie Williams

**"Low Cost Math Materials"**

- *The Advocate*
- Published by the Houston Area Association for the Education of Young

Children, 2011

**“Five Easy Principles for Making Math Moments Count”**

- *Dimensions of Early Childhood*
- Published by the Southern Early Childhood Association, 2011

**Empowering the Beginning Teacher of Mathematics in Elementary School**

- Contributing author
- Published by the National Council of Teachers of Mathematics, 2008

**Calculator Activities: Measurement**

- Teacher resource book for gifted and talented students grades 3-5
- Published by Prufrock Press, 2007

**“Oral Retellings: Solution Strategy for Compare Word Problems?”**

- *Proceedings of the Twenty Eighth Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education*, Fall 2006
- Co-authored with Eula Ewing Monroe

**“Sixth Graders’ Oral Retellings of Compare Word Problems”**

- *FOCUS on Learning Problems in Mathematics*, Spring 2006
- Co-authored with Eula Ewing Monroe

**“Knowing When to Which: Addressing the Calculator Quandary”**

- *The Centroid*, The Official Journal of the North Carolina Council of Teachers of Mathematics, Fall 2005
- Article selected to be reprinted in the *Virginia Mathematics Teacher*, Vol. 32, No. 2, Spring 2006

***Texas Assessment of Knowledge and Skills Mathematics Preparation Grade 2: A Region IV Education Resource Center Publication***

- Region IV TAKS Preparation Series, June 2004
- Primary editor and second author

**“Ice Cube Necklaces: Elements of Change”**

- Lesson in *Hands Across Texas*, 2003 Edition
- Published by the Texas Council of Elementary Science

**“What Are You Learning Billy Boy, Billy Boy?”**

- *Contemporary Education*, Vol. 70, No. 4, Summer 1999
- Co-authored with Eula Ewing Monroe

## FORTHCOMING PUBLICATIONS

### **Applying Critical Pedagogy and UDL to Synchronous Online Instruction to Equip Preservice Teachers for Number Talks**

- Chapter in *Research in Mathematics Education*
- Published by the Springer Series
- With Jeannette Alarcon, Jennifer Chauvot, and Susie Gronseth

### **Teacher Tools to Support Calm, Self-Control, and Resilience**

- *Dimensions of Early Childhood*
- Published by the Southern Early Childhood Association
- With Adrienne Johnson

### **Make Picture Books Count: Easy Ways to Integrate Math & Reading**

- *Teaching Young Children*
- Published by the National Council of Teachers of Mathematics

## PUBLICATIONS UNDER REVIEW

### **“A Preschool’s Journey to Design a Loose Parts Classroom”**

- With Diane Skidmore
- Submitted to *Dimensions in Early Childhood Education*, Southern Early Childhood Association

### **“An Exploratory Study of Manipulative Use in Face-To-Face, Virtual, and Hybrid Early Childhood Teacher Education Mathematics Methods Courses”**

- With Linda Zhang
- Chapter submitted to the Association of Mathematics Teacher Educators

## EDUCATION CONSULTING AND PROFESSIONAL DEVELOPMENT

Authored series of six two-hour online professional development modules for early childhood teachers to learn about developmentally appropriate science, technology, and engineering. Trainings included 12 clock hours of instruction via PowerPoints, activities, and resource materials. Topics comprised life science, physical science, earth and space science, technology, and engineering.

- The Collaborative for Children, Houston, TX January-July 2018

Developed and implemented four 6-hour face-to-face professional development workshops for teachers of children ages 0-5 focusing on science, technology, engineering, and mathematics content and pedagogy. A cohort of 15 Houston-area preschool teachers was selected to complete the professional development over a

period of five months. Follow-up visits between workshops further supported teachers' efforts to implement best practices in STEM teaching. Participants also received a stipend and classroom materials and supplies valued at \$250.

- The Collaborative for Children, Houston, TX June 2018-October 2019

Developed four 6-hour face-to-face professional development workshops for teachers of children ages 0-5 focusing on mathematics content and pedagogy. The trainings included instruction in number and operations, geometry, measurement, classifying, patterning, as well as best practices for incorporating manipulatives, problem-based learning, small-group instruction, and intentional teaching.

- The Collaborative for Children, Houston, TX June-July 2018

Invited featured speaker for Texas Region 10 Education Service Center Early Childhood Conference

- Virtual Conference, July 2021
- Virtual Conference, July 2020
- Dallas, TX, July 2018
- Presented sessions on early childhood mathematics to over 400 preschool teachers

Invited featured speaker for Christian Early Childhood Association of Greater Kansas City Professional Development Day

- Kansas City, MO, August 2017
- Presented sessions on developmentally appropriate practice and process-oriented art for preschoolers to over 400 preschool teachers

Invited featured speaker for Harris County Department of Education Early Childhood Winter Conference

- Houston, TX, January 2021
- Houston, TX, January 2016
- Presented two sessions on best practices in preschool mathematics

Invited speaker for Jewish Federation of Early Childhood Teachers Seminar

- Houston, TX, November 2015
- Presented two sessions on developmentally appropriate practice in the preschool classroom
- Presented two roundtable discussions on early childhood mathematics activities

Invited speaker for Let the Children Come Early Childhood Conference for Catholic Educators

- Houston, TX, October 2015
- Presented three sessions on developmentally appropriate mathematics for

preschool-age children

- Houston, TX, October 2016
- Presented one session on developmentally appropriate for preschool-age children

Invited featured speaker for Kansas-area Christian Early Childhood Association.

- Kansas City, MO, August 2015
- Presented eight sessions on developmentally appropriate practice, early childhood math, and movement in the classroom
- Kansas City, MO, August 2017
- Presenting eight sessions on developmentally appropriate practice, early childhood math, developmentally appropriate practice, and process-oriented art for preschoolers

Implemented mathematics education trainings for preschool teachers and childcare providers throughout the Houston area focusing on content and pedagogy for children ages birth to 5. Trainings included 24 clock hours of instruction plus 6 hours of visits to teachers' preschool classrooms for follow-up assistance in implementing the recommendations of the program. Developed a three-part series of online modules for preschool teachers' professional development in mathematics. Modules included powerpoints, scripts, and handouts.

- The Collaborative for Children, Houston, TX 2014-present

Designed and facilitated high-participation workshops for elementary school teachers and math coaches highlighting Texas Essential Knowledge and Skills objectives through problem solving, small group instruction, and worthwhile mathematical tasks

- Pearland Independent School District, Pearland, TX 2004-2018
- Cypress Fairbanks Independent School District, Cypress, TX 2014-2018
- Fort Bend Independent School District, Sugarland, TX 2008
- Escamilla Intermediate School, Aldine Independent School District, Houston, TX 2002-2003

Developed and edited elementary school mathematics curricula based on the Five-E Model of Instruction (Engage, Explore, Explain, Elaborate, Evaluate)

- Region IV Education Service Center, Houston, TX 2004-2009

Created and led hands-on workshops for preschool and kindergarten teachers, child care providers, and early childhood administrators highlighting foundational early childhood mathematics concepts and teaching approaches

- Katy ISD, Katy, TX 2021
- New Caney ISD, Houston, TX 2020, 2021
- Pines Presbyterian Preschool, Houston, TX 2020
- Woodlands Methodist School, The Woodlands, TX 2020

- Interfaith Child Development Center, The Woodlands, TX, 2019
- Montgomery Little Bears Preschool, Montgomery TX 2018-2019
- Wildwood Christian Preschool, Magnolia, TX 2018
- Woodlands Treehouse Preschool, The Woodlands, TX 2018-2019
- Magic Oak Preschool, The Woodlands, TX 2018
- Faith Lutheran Preschool, Bellaire, TX 2018
- College Bound from Birth, The Collaborative for Children, Houston, TX 2016-2017
- San Antonio City Schools Early Childhood Municipal Development, San Antonio, TX 2017
- Texas Workforce Solutions, Temple, TX, 2017
- St. Paul's United Methodist Day School, Houston, TX 2017, 2018
- Living Word Lutheran Preschool, Houston, TX 2017
- Little Lambs Early Childhood Center, Katy, TX 2017
- Galena Park ISD, Houston, TX 2016
- Wildcat Way School, Spring Branch ISD, Houston, TX 2016
- Becker Early Childhood Center, Houston, TX 2016
- Kids R Kids Eldridge Parkway, Houston, TX 2015-2020
- St. Martha's Catholic Church Mothers' Day Out, Kingwood, TX 2015
- Creative Minds Child Development Center, Sugarland, TX 2015
- St. John's School for Little Children, Richmond, TX 2015
- Bertha Alyce Early Childhood Center, Jewish Community Center, Houston, TX 2015-2017
- Children of Joy Christian Preschool, The Woodlands, TX 2014-2016, 2019
- Son Kids Christian Preschool and Kindergarten, The Woodlands, TX 2014-2019
- Faith Kids Preschool, Faith United Methodist Church, Spring, TX 2014-2016, 2018
- Kids R Kids, Spring, TX 2013
- Susanna Wesley Day School, Tomball, TX 2011
- Children of The Woodlands Methodist Day School, The Woodlands, TX 2010, 2014, 2017
- WECARE Conference, The Woodlands, TX 2010
- Early Childhood Methodist Conference, The Woodlands, TX 2009
- Preschool Teachers Adventure Conference, Cypress, TX 2008, 2010-2020

Crafted workshop for museum facilitation guides emphasizing fundamental early childhood mathematics development and best practices

- Children's Museum of Houston, TX 2013

Developed a parent university workshop for parents of children ages 0-5. Taught

developmentally appropriate mathematics concepts, simple steps parents can take to build a strong mathematical foundation in their children and gave parents fifteen hands-on math activities to try with their children.

- Magic Oak Preschool, The Woodlands, TX 2019
- Christ Community School, The Woodlands TX 2018
- Kids R Kids Eldridge Parkway, Houston, TX 2016, 2018
- St. Paul's United Methodist Day School, Houston, TX 2017

### **ELEMENTARY SCHOOL TEACHING EXPERIENCE**

- Summer Learning Institute Teacher, Alpine School District, Orem, UT 1997
- Teacher, First Grade, Westmore Elementary, Alpine School District, Orem, UT 1996-97
- Teacher, Fourth Grade, Oakwood Elementary, Preston School District, Preston, ID 1995-96
- Teaching Intern, First Grade, North Park Elementary, Box Elder School District, Tremonton, UT 1994-95

### **SERVICE TO THE PROFESSION**

- Vice President for Advocacy, Association of Mathematics Teacher Educators, Texas, 2020-2023
- Manuscript Reviewer, TODOS: Mathematics for ALL, *Teaching for Equity and Excellence in Mathematics*, 2018-present
- Book Reviewer, National Council of Teachers of Mathematics, *Teaching Children Mathematics*, 2008-present
- Editorial Review Panel, National Council of Teachers of Mathematics, *Teaching Children Mathematics*, 2008-present
- Consulting Editor, National Association for the Education of Young Children, *Young Children*, 2011-2014
- University of Houston-Downtown Teaching Awards Committee, 2015

### **SERVICE TO THE UNIVERSITY OF HOUSTON**

- University Teaching Excellence Award Selection Committee, University of Houston, 2021-2024
- Member, Faculty Development Committee, College of Education 2020-2021
- Member, Undergraduate Studies Committee, Curriculum and Instruction 2020-2021
- Curriculum and Instruction Department Secretary 2019-2020, 2021-2022
- Chair, Faculty Development Committee, Curriculum and Instruction 2019-2020

- Secretary, College of Education Nominations and Elections Committee 2017-2019
- Member and Lead, Curriculum and Instruction Nominations and Elections Committee 2017-2019
- Member, Curriculum and Instruction Faculty Development Committee 2018-2019
- Chair, Mathematics Education Search Committee 2017-2018
- Member, Mathematics Education Search Committee 2019-2020
- Member, Mathematics Education Search Committee 2020-2021
- Ad hoc committee to review Service portion of non-tenure track annual performance review and advancement rubric, 2019
- Member, Master's Thesis Committee, University of Houston, 2008

### **DISSERTATION COMMITTEE SERVICE**

- Member, Ananthi Sankaranarayanan, final defense November 2020
- Member, Laura Lopez, final defense November 2020
- Member, Katherine Legreid, final defense June 2020
- Member, Katrina Cushenberry, final defense July 2020
- Member, Stephanie Worthington, final defense July 2020
- Member, Adrienne Aul, final defense July 2020
- Member, Kendra Mason, final defense July 2020
- Member, Yunes Golabbakhsh, final defense May 2021

### **RESEARCH INTERESTS**

- The Growth Mindset in Preservice Mathematics Education Classrooms
  - Teaching the Mindset Explicitly
  - Modeling the Mindset through Classroom Activities
  - Transferring the Mindset to Elementary School Settings
- Supporting and Improving Classroom Instruction
  - Integrated Instruction
  - Differentiated Instruction
  - Small Group Instruction
- Developmentally Appropriate Practices for Math Instruction
- School—Home Connections
- Developing Mathematical Vocabulary
- Incorporating Music, Movement, and Creativity into the Math Curriculum

### **PROFESSIONAL MEMBERSHIPS**

- National Council of Supervisors of Mathematics



- National Council of Teachers of Mathematics
- National Association for the Education of Young Children
- National Association for the Education of Young Children Early Math and Early Science Interest forums
- Association of Mathematics Teacher Educators
- Association of Mathematics Teacher Educators--Texas
- International Literacy Association
- TODOS: Math for All (SIG of National Council of Teachers of Mathematics)
- Texas Association of Supervisors of Mathematics
- Southern Early Childhood Association for the Education of Young Children
- Texas Association for the Education of Young Children
- National Parent Teacher Association

#### **PERSONAL PROFESSIONAL WEBSITES**

- [WWW.CARRIECUTLER.COM](http://WWW.CARRIECUTLER.COM)
- <https://www.facebook.com/pages/Dr-Carrie-S-Cutler/338674539499615?fref=ts>