

# Jessica H. Hunt

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919-272-0137

## Education

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| Post-Doctoral Fellow<br>2012             | <b>The University of Texas at Austin</b> , Austin, TX<br>Funded Research Project: <i>Supplemental Mathematics Intervention: How and Why Special Educators Intensify Intervention for Students with Learning Disabilities</i><br>Advisor: Diane Bryant<br><br>Additional Research Project: <i>Exploratory Study of Informal Strategies for Equal Sharing Problems of Students with Learning Disabilities</i><br>Advisor: Susan Empson |
| Ph.D., Education<br>2011                 | <b>University of Central Florida</b> , Orlando, FL<br>Dissertation: <i>The Effects of a Ratio-Based Teaching Sequence on Equivalence Performance for Students with Mathematics Learning Disabilities</i><br>Chair: Lisa Dieker   |
| M.A., Mathematics<br>Education<br>2006   | <b>University of Central Florida</b> , Orlando, FL   |
| B.S., Business<br>Administration<br>2002 | <b>Youngstown State University</b> , Youngstown, OH  |

## Professional Experience

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| 8/16 –<br>present | <b>North Carolina State University</b> – Associate Professor, Mathematics Education and Special Education, Tenure Track.                |
| 7/14 – 8/16       | <b>The University of Texas at Austin</b> - Assistant Professor, STEM Education, Tenure Track  |
| 8/12 - 5/14       | <b>Utah State University</b> - Assistant Professor, Special Education, Tenure Track   |
| 8/11-8/12         | <b>The University of Texas at Austin</b> – Post-Doctoral Fellow, Special and Mathematics Education                                      |
| 8/08-8/11         | <b>University of Central Florida</b> - Director of Mathematics Instruction/Resident Scholar, Toni Jennings Research and Teaching Clinic |
| 2005-2008         | <b>Inclusion Mathematics Teacher</b> – Ocoee Middle School, Ocoee, FL.  |

## Honors/Awards/Fellowships

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2019	<b>National Council of Teachers of Mathematics Research to Practice Publication Award:</b> <i>Productive Struggle for All/Differentiated Instruction</i>
2014- 2020	<b>National Science Foundation (NSF) Early CAREER Award:</b> <i>Fraction Activities and Assessments for Conceptual Teaching</i>
2011- 2012	<b>Post-Doctoral Fellow:</b> The University of Texas at Austin
2008-2011	<b>Scholar in Residence:</b> Toni Jennings Exceptional Education Institute
2009	<b>Induction as Member:</b> Delta Epsilon Iota National Honor Society
2008-2011	<b>Provost Fellow &amp; LEAD Scholar:</b> University of Central Florida
2008	<b>Induction as Member:</b> Phi Kappa Phi National Honor Society
2002	<b>Induction as Member:</b> Beta Gamma Sigma International Honor Society
2000	<b>Induction as Member:</b> Gold Key International Honor Society

## External and Internal Funding Awards

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<b>\$1,391,542 funded</b>	<b>Principal Investigator, National Science Foundation ITEST program:</b> <i>Enhancing Engagement and Conceptual Understanding of Fractions Using the Model Mathematics Education Curriculum</i> (2020-2023).
<b>\$934,736 funded</b>	<b>Co-Principal Investigator, Institute of Education Sciences:</b> <i>Professional Learning Online Modules</i> (2020-2022).
<b>\$7500 funded</b>	<b>Principal Investigator, North Carolina State University:</b> <i>Trajectory-Embedded Project Based Instruction</i> (2018-2019).
<b>\$636,196 funded</b>	<b>Principal Investigator, National Science Foundation CAREER Award:</b> <i>Fraction Activities and Assessments for Conceptual Teaching</i> (2014-2020).
<b>\$20,000 funded</b>	<b>Collaborating Faculty, Utah State University:</b> <i>Captivated! Young Children's Learning Interactions with iPad Mathematics Apps</i> with Principal Investigator Patricia Moyer-Packenham/Virtual Manipulatives Research Group (2013-2014).
<b>\$4,463 funded</b>	<b>Principal Investigator, Utah State University:</b> <i>Assessment Based on Learning Trajectories in Rational Number Concepts for Students with Learning Disabilities</i> (2013-2014).

## Publications

\* = doctoral student; \*\* = undergraduate student

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- Nelson, G., **Hunt, J.H.**, \*Martin, K., \*Patterson, B., & \*\*Khounmeuang, A. (in press). Current knowledge and future directions in ratio and proportional reasoning interventions. *Learning Disability Quarterly*.
- Hunt, J.H.** & Stein, M.K. (in press). Constructing learning goals through conversation. *Mathematics Teaching and Learning PK-12*.
- Hunt, J.H.** & \*Silva, J. (2020). Emma's negotiation of number: Implicit intensive intervention. *Journal for Research in Mathematics Education*, 51(3), 334-360.

- Lambert, R., Sugita, T., Yeh, C., **Hunt, J.H.**, & Brophy, S. (2020). Documenting increased participation for a student with autism in the standards for mathematical practice. *Journal of Educational Psychology*, 112(3).
- Hunt, J.H.**, \*Silva, J. & Lambert, R. (2019). Empowering students with specific learning disabilities: Jim's unit fraction concept. *Journal of Mathematical Behavior*, 56, 100738.
- Hunt, J.H.**, MacDonald, B., & \*Silva, J., (2019). Gina's Mathematics: Thinking, Trick, or "Teaching"? *Journal of Mathematical Behavior*, 10007.
- Lambert, L., Tan, P., **Hunt, J.H.**, & Candella, A. (2018). Re-humanizing the mathematics education of students with disabilities: Critical perspectives on research and practice. *Investigations in Mathematics Learning*, 10(3), 129-132.
- Hunt, J.H.**, MacDonald, B., Lambert, R., Sugita, T., & \*Silva, J. (2018). UDLizing talk moves to increase classroom discourse. *Teaching Children Mathematics*, 25(2), 80-84.
- Lynch, S., **Hunt, J. H.**, & Lewis, K. (2018). Productive struggle for all: Planning with differentiated instruction in mind. *Mathematics in the Middle School*, 23(4), 194-201.
- Hunt, J.H.** & Tzur, R. (2017). Where is difference? Processes of mathematical remediation through a constructivist lens. *Journal of Mathematical Behavior*, 48, 62-76.
- Hunt, J.H.**, Westenskow, A., & Moyer-Packenham, P.S. (2017). Variations of reasoning in equal sharing of children who experience low achievement in mathematics: Competence in context. *Education Sciences*, 7(1), 37.
- Thronsdon, J., MacDonald, B., & **Hunt, J.H.** (2017). A kindergartener's reasoning when developing cardinality of number. *Australian Primary Mathematics Classroom*, 22(2), 21-25.
- Hunt, J. H.**, Westenskow, A., Silva, J., & Welch-Ptak, J. (2016). Levels of participatory conception of fractional quantity along a purposefully sequenced series of equal sharing tasks: Stu's trajectory. *The Journal of Mathematical Behavior*, 41, 45-67.
- Hunt, J.H.**, \*Welch-Ptak, J., & \*Silva, J. (2016). Initial understandings of fraction concepts evidenced by students with learning disabilities and difficulties: A framework. *Learning Disabilities Quarterly*, 39(4), 213-225.
- Hunt, J.H.**, Valentine, C., Bryant, D.P., Pfannensteil, K., & Bryant, B. (2016). Supplemental mathematics interventions: How and why special educators intensify interventions for students with learning disabilities. *Remedial and Special Education*, 37(2), 78-88.
- Hunt, J.H.**, Tzur, R., & Westenskow, A., (2016). Evolution of unit fraction conceptions in two fifth graders with learning disability: An exploratory study. *Mathematical Thinking and Learning*, 18(3), 182-208.
- Tzur, R., & **Hunt, J.H.** (2015). Iteration: Unit fraction knowledge and the French fry tasks. *Teaching Children Mathematics*, 22(3), 149-157.
- Hunt, J.H.** (2015). Understanding the diverse mathematical thinking of learners. *Australian Primary Mathematics Classroom*, 20(2), 15-21.
- Hunt, J.H.** & Empson, S. (2015). Exploratory student of informal strategies for equal sharing problems of students with learning disability. *Learning Disabilities Quarterly*, 38(4), 208-220.
- Hunt, J.H.** (2015). Notions of equivalence through ratios: Students with and without learning disability. *Journal of Mathematical Behavior*, 37, 94-105.

- Hunt, J.H.** & Little, M.E. (2014). Intensifying interventions for students by identifying and remediating conceptual understandings in mathematics. *Teaching Exceptional Children*, 46(6), 187-196.
- Hunt, J.H.** (2014). Effects of a supplemental intervention focused in equivalency concepts for students with varying abilities. *Remedial and Special Education*, 35(3), 135-144.
- Vasquez, E., Powell, S., Rodriguez, J., **Hunt, J. H.**, McKinney, T., Straub, C., Walker, Z., & Vince-Garland, K. (2014). Using E-Cove to increase the efficiency of pre-service teacher observations. *Ed Technology Ideas*.
- Hunt, J.H.**, & Vasquez, E. (2013). An exploratory study of the effects of conceptual strategy intervention on knowledge of ratio equivalence for middle school students with mathematics learning disability. *The Journal of Special Education*, 47(3), 1-11.
- Hunt, J.H.**, Powell, S., Little, M.E., & Mike, A. (2013). The effects of e-mentoring on beginning teacher competencies and perceptions. *Teacher Education and Special Education*, 36(4), 286-297.
- Andreasen, J.A. & **Hunt, J.H.** (2012). Using math stations for common sense inclusiveness. *Teaching Children Mathematics*, 19(4), 238-246.
- Walker, Z. & **Hunt, J.H.** (2011). Teaching social skills to students with disabilities in middle school mathematics classrooms. *Mathematics Teaching in the Middle School*, 17(5), 296-301.
- Hunt, J.H.**, & Andreasen, J.A. (2011). Beyond accommodations: Universal design for learning in mathematics. *Mathematics Teaching in the Middle School*, 17(3), 166-173.
- Hunt, J.H.**, & Hu, B. (2011). Theoretical factors affecting parental roles in children's mathematical learning in American and Chinese born mothers. *The School Community Journal*, 21(2), 119-142.
- Hunt, J.** (2010). Implementing effective co-teaching in middle school geometry. *Mathematics Teaching in the Middle School*, 16(3), 154-161.
- Hunt, J.**, & Akuyz, D. (2009). The inner relatedness of area formulas for common figures. *National Council of Teachers of Mathematics: Online Journal for School Mathematics (ON-MATH)*, 7(1).
- Hunt, J.** (2009). Prime or composite? Using area models and the factor game to provide a visual framework. *National Council of Teachers of Mathematics: Online Journal for School Mathematics (ON-MATH)*, 7(1).
- Hunt, J.** (2006). Dancing triangles and their areas. *National Council of Teachers of Mathematics: Online Journal for School Mathematics (ON-MATH)*, 5(1).

## **Teaching**

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|-----------|---|
| 2016-2020 | <ul style="list-style-type: none"> <li>- Foundations of Mathematics Education (Doctoral, 1 section)</li> <li>- Education of Children with Exceptionalities (Master's, 4 sections)</li> <li>- Seminar: Specific Numeracy Techniques of Students with Mild Disabilities (Master's, 2 sections)</li> </ul> |
| 2014-2016 | <ul style="list-style-type: none"> <li>- Elementary Mathematics Methods (Undergraduate, 2 sections)</li> </ul>  |
| 2012-2014 | <ul style="list-style-type: none"> <li>- Teaching Mathematics to Students with Mild Disabilities (Undergraduate, 2 sections)</li> <li>- Practicum: Teaching Mathematics to Students with Mild Disabilities (Undergraduate, 2 sections)</li> </ul>   |

- 2011
  - Trends and Issues in Learning Disabilities and Behavior Disorders (Doctoral, 1 section)
  - Teaching diverse Populations (Undergraduate, 1 section)
  - Principles of Effective Instruction (Undergraduate, 1 section)
- 2010
  - Instructional Adaptations II (Undergraduate, 1 section)
  - Disabilities in Schools and Society (Undergraduate, 1 section)
  - Technology in Mathematics Education (Master's, 1 section)
  - Assessment (Undergraduate, 1 section)

## **Advising**

Doctoral Committee as Co-Chair: 1

Doctoral Committees as Member: 4

Masters Committees: 15

## **Peer Reviewed Conference Proceedings**

\* = doctoral student

**Hunt, J.H. & \*Martin, K.** (2021). *Intervention based on mathematical thinking improves students outcomes: Students with mathematics disabilities and difficulties*. To be presented at the International Conference on Mathematics Education, Shanghai, China (Originally scheduled for July 2020- Conference postponed).

**Hunt, J.H.** (2020). *Preliminary evidence of effectiveness: Student-centered math intervention*. Paper presented at the annual conference of the National Council of Teachers of Mathematics, Chicago, IL. (Conference canceled).

Hackenberg, A., **Hunt, J.H.**, MacDonald, B., \*Silva, J., et al. (2019). *Differentiating instruction symposium*. Paper presented at the annual conference of the National Council of Teachers of Mathematics, San Diego, CA.

**Hunt, J.H.**, \*Martin, K., & \*Patterson, B. (2019). *Additive reasoning as disabler of fraction reasoning: Where is disability?* Paper presented at the annual conference of the National Council of Teachers of Mathematics, San Diego, CA.

**Hunt, J.H. & \*Silva, J.** (2019). *Emma's numbers: Whose knowledge is valued? What knowledge is valued?* American Educational Research Association, Toronto, Canada.

**Hunt, J.H. & Wilson, J.**, (2019). *Marginalized within a marginalized community: Supporting meaning making*. American Educational Research Association, Toronto, Canada.

**Hunt, J.H.** (2018). *Complex conceptions of fractions: Negotiating meaning in the small environment*. Paper presented at the regional conference of the National Council of Teachers of Mathematics, St. Louis, MO.

**Hunt, J.H.**, MacDonald, B., & \*Silva, J. (October 2018). *Tacit, "trick", or teaching: What is Gina's mathematical reality?* North American Chapter of the Psychology for Mathematics Education (PME-NA), Greenville, S.C.

**Hunt, J.H.** (June 2018). *Navigating disability in intensive instruction: Learning complexity and small environments*. International Society of the Learning Sciences, London, United Kingdom.

**Hunt, J.H.**, (April 2018). *Widening the lens: Exceptionality, knowing and learning, and multiple perspectives*. American Educational Research Association, New York, N.Y.

- Lambert, R., de Freitas, E., Sinclair, N., **Hunt, J.H.**, & Tan, P. (April 2018). *PANEL: Reframing intervention: From “fixing” learners to deepening engagement for students with disabilities* (discussant: K. Lewis). American Educational Research Association, New York, N.Y.
- Lambert, R., Yeh, C., & **Hunt, J.H.** (April 2018). *Increasing access to mathematical discussion for students with disabilities: Designing intervention in student participation*. American Educational Research Association, New York, N.Y.
- Lambert, R., Yeh, C., & **Hunt, J.H.** (April 2018). *Access to mathematical discussion for students with disabilities*. National Council of Teachers of Mathematics Research Pre-session, Washington, D.C.
- Lambert, R., de Freitas, E., Sinclair, N., **Hunt, J.H.**, & Tan, P. (April 2018). *Reframing intervention for students with disabilities*. National Council of Teachers of Mathematics Research Pre-session, Washington, D.C.
- Hunt, J.H.**, Silva, J., & Lambert, R. (November 2017). *From Trajectories, deficit, and differences to neurodiversity: The case of Jim*. Paper presented at the 39th Conference of the International Group for the Psychology of Mathematics Education North America (PME-NA), Indianapolis, IN.
- Lambert, R., **Hunt, J.H.**, Yeh, C., & Sugita, T. (November 2017). *How neurodiversity can shape research: Rethinking engagement through the participation of students with autism*. Paper presented at the 39th Conference of the International Group for the Psychology of Mathematics Education North America (PME-NA), Indianapolis, IN.
- Bundock, K., MacDonald, B., & **Hunt, J.H.** (November 2017). *Writing to learn mathematics*. Paper presented at the 39th Conference of the International Group for the Psychology of Mathematics Education North America (PME-NA), Indianapolis, IN.
- Hunt, J.H.** & Stein, M.K. (April 2017). *Coaching and mathematical goal setting*. National Council of Teachers of Mathematics Research Pre-session, San Antonio, TX.
- Hunt, J.H.** & \*Silva, J. (April 2017). *Unit coordination and partitioning activity of one child with mathematics learning disability: A case study*. American Education Research Association, San Antonio, TX.
- Hunt, J.H.**, Westenskow, A., & Moyer-Packenham, P. (April 2017). *Progressions in fraction partitioning and quantification evidenced by children who experience low achievement in mathematics*. American Education Research Association, San Antonio, TX.
- Hunt, J.H.**, \*Welch-Ptak, J., & \*Silva, J. (April 2016). *Initial understanding of fractions: Children with learning disabilities and difficulties*. Paper presented at the National Council of Teachers of Mathematics Research Conference (NCTM-R), San Francisco, CA.
- Hunt, J.H.**, Westenskow, A., \*Silva, J. & \*Welch-Ptak, J. (November 2015). *Stu’s initial and evolving conceptions of unit fractions*. Paper presented at the 37th Conference of the International Group for the Psychology of Mathematics Education North America (PME-NA), East Lansing, MI.

Tzur, R., **Hunt, J.H.**, and Westenskow, A. (November 2015). *Nature and utility of teacher questioning: A case study of constructivist oriented math intervention*. Paper presented at the 37th Conference of the International Group for the Psychology of Mathematics Education North America (PME-NA), East Lansing, MI.

**Hunt, J.H.**, Tzur, R., & Westenskow, A. (2014). *Intermediate participatory stages in constructing the concept of unit fractions: Students with learning disabilities*. Paper presented at the 38th Conference of the International Group for the Psychology of Mathematics Education (PME), Vancouver, B.C.

**Hunt, J.H.** (2012). Multiplicative thinking and strategy usage after tier two intervention: A student with mathematics learning disability. In Lo J., & Zoest, L. (Eds.). *Proceedings of the 34<sup>th</sup> Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education*. Kalamazoo, MI: University of Michigan.

**Hunt, J.H.** (2011). Exploring the effects of ratio based fraction intervention on middle school children identified as having a mathematics learning disability. In Wiest, L. R., & Lamberg, T. (Eds.). (2011). *Proceedings of the 33rd Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education*. Reno, NV: University of Nevada, Reno.

## Book Chapters

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Tzur, R. & **Hunt, J.H.** (in press). Fractional reasoning. In Y. Xin, H. Thouless, & R. Tzur (Eds). *Mathematics education and special education: Teaching at the crossroads*. New York, NY: Springer.

**Hunt, J.H.** & Tzur, R. (in press). Connecting theory to concept building. In Y. Xin, H. Thouless, & R. Tzur (Eds). *Mathematics education and special education: Teaching at the crossroads*. New York, NY: Springer.

Tzur, R. & **Hunt, J.H.** (in press). A theory-backed framework for knowing and learning. In Y. Xin, H. Thouless, & R. Tzur (Eds). *Mathematics education and special education: Teaching at the crossroads*. New York, NY: Springer.

**Hunt, J.H.** & Lewis, K. (in press). Extending students' knowledge of fractions as relational quantities: Teaching for understanding. In D.P. Bryant (Ed.), *Intensifying mathematics interventions for students who struggle learning mathematics*. New York, N.Y.: The Guilford Press.

Bryant, D. P., Pfannenstiel, K. H., Bryant, B.R., **Hunt, J.**, & Shin, M. (2014). Tailoring interventions for students with mathematics difficulties. In J. T. Mascolo, D. P. Flanagan, & V. C. Alfonso (Eds), *Essentials of planning, selecting, and tailoring interventions for the unique learner*. Hoboken, NJ: Wiley.

Dieker, L. A., Maccini, P., Strickland, T. & **Hunt, J.** (2011). Minimizing the weaknesses and maximizing the strengths of students with disabilities through reasoning and sense-making. In M. Strutchen & H. Kepner *Focus on high school students: Making mathematical reasoning and sense making a reality for all*. Washington, DC: National Council of Teacher of Mathematics.

## Invited Presentations

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Brodinsky, A., **Hunt, J.H.**, & Storeygard, J. (2020). Strengthening educators' practices for engaging and empowering students with learning difficulties and disabilities as mathematics learners. National Science Foundation, DRK-12 CADRE Online Development (online).

**Hunt, J.H.** (2020). *How to gather data on a tiered system: Intensive intervention*. DADD/ North Carolina Council for Exceptional Children (online).

**Hunt, J.H., Lewis, K., Powell, S., & Velasquez, D.**, (2017). Symposium on mathematics disabilities research. National Council of Teachers of Mathematics Research pre-session, San Antonio, TX.

## Conference Presentations

\* = doctoral student

Martin, K. & **Hunt, J.H.** (under review). *Using clinical interviews to support data-based individualization in mathematics*. Council for Exceptional Children, Baltimore, MD.

**Hunt, J.H.**, Taub, M., Swihart, R., & Marino, M. (under review) *Gameplay analytics indicate students access and advancement: Design of model mathematics education*. Council for Exceptional Children, Baltimore, MD.

**Hunt, J.H.**, Taub, M., Anderson, K. & Marino, M. (under review) *Developing UDL video games to align with elementary tier II mathematics curriculum*. Council for Exceptional Children, Baltimore, MD.

Martin, K. & **Hunt, J.H.** (under review). *Setting learning goals for mathematics: Let's have a conversation!* Council for Exceptional Children, Baltimore, MD.

Ainslie, J., Faulkner, V., & **Hunt, J.H.** (2020) *Place value understanding through the lens of an elementary student: Seems so easy, but is it?* National Council of Teachers of Mathematics 100 Days of Professional Online Learning, Online August 2020.

MacDonald, B., **Hunt, J.H.**, & Silva, J. (2019). Universally designed talk moves to increase classroom discourse. Utah Council of Teachers of Mathematics, Salt Lake City, UT.

**Hunt, J.H.**, MacDonald, B., Lambert, L., Sugita, T., & Silva, J. (2019). *Think pair show share*: Universally designed talk moves to increase classroom discourse. National Council of Teachers of Mathematics, San Diego, CA.

**Hunt, J.H.** (2017). *Impairments and "Dis/Ability": Advances and constraints of Jim's concept of unit fractions*. Hawaii International Conference on Education, Honolulu, HI.

**Hunt, J.H.** (2016). *Informal understandings of fractions evidenced by students with mathematics difficulties*. Pacific Rim Conference on Disability and Diversity, Honolulu, HI

**Hunt, J.H.**, \*Silva, J., & \*Welch-Ptak, J. (2016). *Trajectories of fractions quantities: Students with learning disabilities and difficulties*. Research pre-session, National Council of Teachers of Mathematics, San Francisco, CA.

**Hunt, J.H.**, \*Silva, J., & \*Welch-Ptak, J. (2016). *Initial understanding of fractions: Children with learning disabilities and difficulties*. National Council of Teachers of Mathematics, San Francisco, CA.

**Hunt, J.H.**, Tzur, R., and Westenskow, A. (2015). *Teacher questioning: Goals and sub goals during a constructivist-oriented teaching experiment*. Council for Exceptional Children, San Diego, CA.

**Hunt, J.H.** (2014). *Constructing the concept of unit fractions for students with learning disabilities*. Council for Exceptional Children, Philadelphia, PA.

Powell, S., **Hunt, J.H.**, Little, M.E., and Mike, A. (2013). *Electronic mentoring of novice teachers in special education*. Council for Exceptional Children-Teacher Education Division, Ft. Lauderdale, FL.



- Hunt, J.H.** (2013). *Strategies and representations used in equal partitioning problems by students with high incidence disabilities*. Council for Exceptional Children, San Antonio, TX.
- Hunt, J.H., Bryant, D.P., & Bryant, B.** (2013). *Mathematics intervention to support learning of students in special education: Lesson scaffolds*. Council for Exceptional Children, San Antonio, TX.
- Hunt, J.H.** (2012). *Teacher-infused supports in Tier 3 Mathematics Lessons: Implications for Change in Teacher Preparation*. Council for Exceptional Children- Teacher Education Division, Ann Arbor, MI.
- Bryant, B., Bryant, D.P., **Hunt, J.H.**, and Valentine, C. (2012). *Design experiments in special education tiered research*. Council for Learning Disabilities, Austin, TX.
- Hunt, J.H.** (2011). *Mathematics knowledge for teaching and mathematics learning disability: Essential content knowledge for special educators*. Council for Exceptional Education, Teacher Educator Division, Austin, TX.
- Hunt, J.H.** (2011). *Teaching fraction equivalency through the ratio interpretations: Performance of students with mathematics learning disabilities*. North American Chapter of the International Society for the Psychology of Mathematics Education, Reno, NV.
- Hunt, J. H.** (2011). *Teaching fraction equivalency through ratios and performance of students with MLD*. Council for Learning Disabilities, Austin, TX.
- Hunt, J.H.** (2011). *Beyond accommodations: Common sense differentiation and universal design for learning*. National Council of Teacher of Mathematics (NCTM), Indianapolis, IN.
- Andreasen, J.A., **Hunt, J.H.**, & Straub, C. (2011). *Creating inclusive environments through accessible curriculum: Universal design for learning*. National Council of Teachers of Mathematics (NCTM), Indianapolis, IN.
- Hunt, J.** (2010). *Understanding fractions through the ratio subconstruct: Old habits and new perspectives*. Council for Exceptional Children; Teacher Education Division. St. Louis, MO.
- Dieker, L.A., Grillo, K., & **Hunt, J.H.** (2010). *So you think you can dance: Looking back and moving forward in the role of special education as dance partners in middle and high school STEM inclusionary classes*. Council for Exceptional Children, Teacher Education Division. St. Louis, MO.
- Hines, R., Combes, B., Vince-Garland, K., Walker, Z., **Hunt, J.**, McKinney, T., Powell, S., Rodriguez, J., & Straub, C. (2010). *Must have technology: Increasing effectiveness in preservice teacher education*. Council for Exceptional Children, Teacher Education Division, St. Louis, MS.
- Hunt, J.** (2010). *Instruction in fractions: What do special educators need to know?* Presented at the Council for Exceptional Children (CEC), Nashville, TN.
- Hunt, J.** (2010). *Differentiating mathematics instruction and practice for inclusive environments: Math stations*. Presented at the National Council of Teacher of Mathematics (NCTM), San Diego, CA.
- Hunt, J.** (2009). *Mathematics performance in number sense of students with and without high incidence disabilities in Florida*. Presented at the Teacher Educator Division (TED), Council for Exceptional Children (CEC), Charlotte, N.C.
- Dieker, L., Moorehead, T., Grillo, K., & **Hunt, J.** (2009). *What do secondary special educators need to know about science and mathematics?* Presented at the Teacher Educator Division (TED), Council for Exceptional Children (CEC), Charlotte, N.C.

- Little, M., Martin, S., **Hunt, J.**, & Straub, C. (2009). *Bridging schools and universities to improve math and science*. Presented at the Teacher Education Division (TED), Council for Exceptional Education (CEC), Charlotte, N.C.
- Dieker, L, & **Hunt, J.** (2009). *Behavioral and instructional techniques for middle and high school students with mild disabilities in mathematics*. Presented at the National Council for Teachers of Mathematics (NCTM), Washington, D.C.
- Little, M., Robertson, S., & **Hunt, J.** (2009). Implementing the concrete to representational to abstract approach to increase rigor in mathematics classrooms. Presented at the National Council of Teachers of Mathematics (NCTM), Washington, D.C.
- Hines, R., & **Hunt, J.** (2009). Co-teaching in the mathematics classroom. Presented at the pre-session of the Association of Mathematics Teacher Educators (AMTE), Orlando, FL.

## **Service**

### **International and National**

#### **Reviewer (ongoing)**

Journal for Research in Mathematics Education  
 Journal of Mathematical Behavior  
 Journal of Learning Disabilities  
 Learning Disabilities Research and Practice  
 Learning Disabilities Quarterly  
 Mathematics Teacher Educator  
 Mathematical Thinking and Learning  
 Teacher Education and Special Education

**Consulting Editor-** Learning Disabilities Quarterly (2019-present)

**Steering Committee-** *North America Chapter for the Psychology of Mathematics Education* (2019-2022).

**Advisory Board member-** Training Pre-Service Teachers to Tutor Students with Learning Disabilities in Algebra 1. *National Science Foundation*. (2019-2021)

**Associate Editor-** *Investigations in Mathematics Education*. (2018-2019)

**Member-** CADRE/*National Science Foundation* Broadening Participation in STEM Working Group (2018-present).

**Member and Co-Founder-** Complex Composites Working Group, *PME-NA* (2018- present).

**Member-** Reframing Interventions Working Group, *PME-NA* (2016- present).

**Reviewer-** STEM+C Funding Competition, *National Science Foundation* (2017).

**Co-Founder and Facilitator-** Special Education Working Group, *PME and PME-NA* (2012-present).

**Facilitator -** *National Science Foundation* Teaching and Learning Video Showcase: “Improving Science, Math, Engineering, and Computer Science Education” (2015, 2016).

**Member-** CADRE (2014- present).

**Planning/Convention Committees-** *International Council for Learning Disabilities* (2011)

**Facilitator-** *Council for Exceptional Children*: “Must Have Technology- Increasing Effectiveness in Preservice Teacher Education” (2010)

**Advisory Panel-** *Office of Special Education Personnel Preparation* Grant, University of Central Florida (2010)

**Volunteer Facilitator-** *Office of Special Education Programs (OSEP)* Project Director’s Meeting, Washington, D.C. (2010).

**Volunteer-** *National Association of Multicultural Education (NAME)* (2010).

**Convention Committee-** *Association of Mathematics Teacher Educators (AMTE)* (2009).

### **Department, College, and University**

**Program Coordinator-** Special Education, Teacher Education and Learning Sciences, North Carolina State University (2018-2020).

**Member-** Search Committee, Literacy Position, Teacher Education and Learning Sciences, North Carolina State University (2018).

**Interacting Faculty-** Science, Technology, Engineering, and Mathematics BFF Program, North Carolina State University (2018).

**Member-** Focus Group, ORIED Focus Group, North Carolina State University (2018).

**Facilitator-** Student Chapter, SMART Collaborative “Crafting a Literature Review”, North Carolina State University (Oct 2017).

**Facilitator-** Student Chapter, North Carolina Council of Teachers of Mathematics “Re-Conceptualizing Intensive Intervention in the Small Environment”, North Carolina State University (Nov 2017).

**Member-** Focus Group, Research Perspectives, North Carolina State University (2017).

**Member-** Task Force, NCSU Teacher Education and Learning Sciences New Hires, North Carolina State University (2017).

**Member-** Search Committee, Special Education Position, Teacher Education and Learning Sciences, North Carolina State University (2017).

**Member-** Task Force, NCSU Teacher Education and Learning Sciences New Hires (2016).

**Member-** University of Texas Equity Council (2016).

**Member-** University of Texas STEM Education Faculty Council (2014-2016).

**Member-** University of Texas Curriculum and Instruction Faculty Council (2014-2016).

**Interviewer-** University of Texas Hiring Committee for SMART Research Post Doc (2015).

**Guest Lecturer-** Equity in STEM Education, The University of Texas at Austin (2015).

**Guest Lecturer-** Mixed Methods Design Research, The University of Texas at Austin (2015).

**Department Liaison-** University Undergraduate Honor Program, Utah State University (2012-2014).

**Guest Lecturer-** Seminar, Research in Mathematics Education, Utah State University (2014).

**Guest Lecturer-** Critical Issues in Special Education, The University of Texas at Austin (2011).

**Facilitator-** Elements of Design Based Research, Meadows Center for Presenting Educational Risk, The University of Texas at Austin (2011).

**Guest Lecturer-** Programming for Secondary Students with Disabilities, University of Central Florida (2010).

**Interventionist-** Assessment Clinic, University of Central Florida (2009-2010).

### **State**

**Expert Coach,** North Carolina Department of Instruction, Online Professional Development (2020).

**Speaker,** North Carolina Council for Exceptional Children DADD Online Conference (2020).

**RTI Best Practices Summit** (2018-present). Invited and featured speaker, Math and Disability.

**Wake County Public Schools** (2017-present). Professional Development, Mathematics, Disability consultant.

**Hill Center** (2018-present). Curriculum Consultant/Content Advisor, Mathematics and Learning Disability.

**Elon University Introduction to Special Education course** (Oct 2017)- “UDL and Mathematics”.

**High Five Math Summit,** Presentation on Fractions and Universal Design for Learning (August 2017).