

Curriculum Vitae

Jenny Rose Root

Last Revised: January 22, 2023

General Information

University address: Special Education
School of Teacher Education
College of Education
Stone Building 2209H
Florida State University
Tallahassee, Florida 32306-4459

E-mail address: jrroot@fsu.edu

Professional Preparation

2016 Ph.D., The University of North Carolina Charlotte. Major: Special Education. Severe Disabilities, Applied Behavior Analysis. Supervisor: Browder, D. M.

Root, J. R. (2016). *Effects of modified schema-based instruction on real-world algebra problem solving of students with autism spectrum disorder and moderate intellectual disability*. Unpublished doctoral dissertation, The University of North Carolina Charlotte.

2012 M.Ed., East Carolina University. Major: Special Education. Intellectual Disability.

Root, J. R. (2012). *Tactile self-monitoring to decrease off-task behavior of adolescents with intellectual disabilities and autism*. Unpublished master's thesis, East Carolina University.

2010 B.A., University of North Carolina Wilmington. Major: Special Education. Adapted Curriculum. Supervisor: Linda Mechling. Magna Cum Laude, Honors in Education.

Hunnicut, J. R. (2010). *Teaching students with intellectual disabilities prepositions through computer-based video self-modeling*. Unpublished bachelor's thesis, University of North Carolina Wilmington.

Nondegree Education and Training

- 2022 FSU Research Mentor Academy.
- 2022 University of Michigan Mixed Methods Analysis Training.
- 2022 Qualitative Research Summer Intensive: Coding and Analyzing Qualitative Data.
- 2022 Qualitative Research Summer Intensive: Fundamentals of Qualitative Research.
- 2022 Qualitative Research Summer Intensive: Synthesizing Qualitative Data.
- 2021 University of Michigan Mixed Methods Design Training.
- 2019 Autism Diagnostic Observation Schedule (ADOS-2) Research Training.
- 2019 Autism Diagnostic Observation Schedule (ADOS-2) Clinical Training.
- 2017 Institute of Education Sciences Summer Research Training Institute: Single-Case Intervention Design and Analysis.
- 2013–2014 Advanced Training in Fundamentals of College Teaching in Special Education. University of North Carolina at Charlotte Center for Teaching and Learning, Charlotte, NC.
- 2011–2012 Graduate Certificate in Autism Spectrum Disorders, East Carolina University, Greenville, NC.

Professional Credential(s)

- 2015–present Board Certified Behavior Analyst # 1-15-18257.
- 2012–present North Carolina Teaching License - Mentally Handicapped (Grades K-12).
- 2010–present North Carolina Teaching License- Adapted Curriculum (Grades K-12).
- 2010–present North Carolina Teaching License- General Curriculum (Grades K-12).
- 2010–present North Carolina Teaching License- Middle Grades Language Arts (Grades 6-9).
- 2010–present North Carolina Teaching License- Middle Grades Mathematics (Grades 6-9).

Professional Experience

- 2022–present Associate Professor of Special Education, School of Teacher Education, Florida State University.
- 2022–present Affiliate Faculty, Florida Center for Reading Research, Florida State University.
- 2016–2021 Assistant Professor, Special Education, Florida State University.
- 2013–2016 Research Assistant, The Solutions Project, IES award R324A13001, Department of Special Education and Child Development, University of North Carolina at Charlotte.
- 2015–2016 Adjunct Instructor, Department of Special Education and Child Development, University of North Carolina at Charlotte.
- 2014–2016 Lake I. and Edward J. Snyder Distinguished Fellow, Department of Special Education and Child Development, University of North Carolina at Charlotte.
- 2011–2013 Special Education Teacher, Leland Middle School. Autism Specialist, Exceptional Children's Department Chairperson, Positive Behavior Support Facilitator.
- 2010–2011 Special Education Teacher, Leland Middle School. Resource/Inclusion setting & intensive reading intervention.

Honors, Awards, and Prizes

- Graduate Teaching Award, FSU College of Education (2022).
- Gagne Research Award, Council on Research and Creativity in Education (2022).
- University Undergraduate Teaching Award Nominee, Florida State University (2020).
- Gagne Research Finalist, Florida State University College of Education Council on Research in Education (2019).
- Tom E.C. Smith Early Career Award, Division on Autism and Developmental Disabilities (2019).
- Gagne Research Finalist, Florida State University College of Education Council on Research in Education (2018).
- Undergraduate Research Mentor Award Nominee, Florida State University Undergraduate Research and Academic Engagement (2018).
- Alice Hayden Emerging Leader Award, TASH (2015).
- OSEP Leadership Scholar, Office of Special Education Programs (2014). (\$43,000).
- Graduate Assistant Support Package, University of North Carolina at Charlotte (2013). (\$50,000).

Departmental Honors in Special Education (2010).

Fellowship(s)

Mid-Career Fellow, Institutional Challenge Grant, William T. Grant Foundation (2022).
Lake I. and Edward J. Snyder, Jr. Special Education Graduate Fellowship (2014–2016).
North Carolina Teaching Fellow (2007–2010).

Current Membership in Professional Organizations

American Council on Rural Special Education
American Education Research Association
Association for Behavior Analysis International (ABAI)
CEC Division for Research (DR)
CEC Division on Autism and Developmental Disabilities (DADD)
CEC Teacher Education Division (TED)
Council for Exceptional Children (CEC)
TASH

Teaching

Courses Taught

General Curriculum Access for Learners with Extensive Support Needs (EEX5088)
Special Topics in Special Education: Doctoral Seminar in Dissertation Research (EEX 6935)
Special Topics in Special Education (EEX5931)
Foundations of Evidence-based Practices in Special Education (EEX 5931)
Access to the General Curriculum for Students with Moderate/Severe Disabilities (EEX 4253)
Critical Review of Special Education Research (EEX6341)
Access to the General Curriculum for Students with Moderate/Severe Disabilities (EEX 4253)
Directed Individual Study (EEX5906)
Preparing Individuals for Transition (EEX 5286)
Doctoral Seminar in Special Topics in Special Education: Concepts and Principles of Applied
Behavior Analysis for Educators (EEX 6935)
Including Students with Disabilities in the General Curriculum (EEX 4070)
Differentiated Instruction (EEX 4486)
Autism Intervention Research (EEX4905)
Differentiated Instruction (EEX 4486)
General Curriculum Access for Students with Moderate/Severe Disabilities (EEX 4253)
Adaptations and Accommodations for Students with Disabilities (EEX 5089)
Culturally Responsive Teaching for Equitable Instruction (EDG 5709)
Educational Assessment for Students with Disabilities (EEX 4212)
Educational Assessment for Students with Disabilities (EEX4212)

General Curriculum Access (SPED 5274)
Seminar: Professional and Leadership Development (SPED 6691)
Introduction to Students with Special Needs (SPED 2100)
General Curriculum Access (SPED 4274)
Systematic Instruction in the Adapted Curriculum (SPED 5271)
Introduction to Students with Special Needs (SPED 2100)

Supervision of Clinical Practice

Supervised Candidates for Board Certification in Behavior Analysis (2019)

Supervised Student Teaching in Special Education (2015)

Practicum teacher, Applied Behavior Analysis (SPED 374, University of North Carolina at Wilmington) (2013)

Practicum teacher, Communication and Language (SPED 367, University of North Carolina at Wilmington) (2013)

Practicum teacher, Functional Academics (SPED 366, University of North Carolina at Wilmington) (2012)

New Course Development

Special Topics in Special Education: Doctoral Seminar in Dissertation Research (2022)

Foundations of Evidence-based Practices in Special Education (2021)

Critical Review of Special Education Research (2020)

Access to the General Curriculum for Learners with Extensive Support Needs (2019)

Concepts and Principles of Applied Behavior Analysis for Teachers (2018)

Preparing Individuals for Transition (2018)

Doctoral Committee Chair

Morsching, D., doctoral student.

McConomy, M., doctoral student.

Gilley, D. P., doctoral student.

Fundelius, E., doctoral student.

Doctoral Committee Cochair

Cox, S. K., graduate. (2019). *The development of mathematical practices through problem*

solving instruction for students with autism spectrum disorder.
Quezada, S., doctoral student.

Doctoral Committee Member

Francis, C., graduate. (2022). *Autism and the college experience: Enhancing the narrative.*
Wade, T., graduate. (2022). *The effects of shared reading on the geometry vocabulary knowledge of preschool children at risk for language delays.*
Bilgin, M., graduate. (2021). *Using enhanced-milieu teaching with experience books to improve the verbal language skills of children with visual impairment and developmental disability.*
Hammons, N. C., graduate. (2020). *Technology-based virtual-representational-abstract (VRA) strategy for use in mathematics instruction for students with autism spectrum disorder.*
Hollingsworth, L. N., graduate. (2019). *Effects of a mathematics vocabulary tutoring intervention for college algebra students.*
Dennis, D., doctoral student.
Stover, E., doctoral student.
Williams, A., doctoral student.

Doctoral Committee University Representative

Faircloth, K., doctoral candidate.
Hennessy, J., doctoral student. [Rhetoric and Composition]
Hennessy, J., doctoral student.

Master's Committee Chair

McGuinness, M., graduate. (2020).
Kauffman, C. A., graduate. (2019).
Proulx, L. B., graduate. (2019).
Borja, B., graduate. (2019).
Gainey, A. P., graduate. (2019).
Gilley, D. P., graduate. (2018).
Dominguez, M., graduate. (2018).
Doyle, B., graduate. (2018).
Meek, E., graduate. (2018).
Owens, T., graduate. (2018).
Brennan, S., student.
Jenkins, K., student.
Liss, A., student.
Toth, J. G., student.
Lasher, S., student.
Powers, L., student.

Master's Committee Member

Beauty, M., graduate. (2020).
Davis, K., graduate. (2020).
Fernandez, B., graduate. (2020).
Gill, M., graduate. (2020).
Pascucci, L., graduate. (2020).
Sehnert, A., graduate. (2020).
Perez, P., graduate. (2019).
South, S., graduate. (2019).
Ix, J. M., graduate. (2018).
Singer, I. B., graduate. (2018).
Bowman, A., graduate. (2018).
Brown, R., graduate. (2018).
Grillo, J., graduate. (2018).
Prattos, K., graduate. (2018).
Saunders, D., graduate. (2018).
Haimon, A., graduate. (2018).
Jacobi, M. T., graduate. (2017).
Albino, W., graduate. (2017).
Boccumini, E. M., graduate. (2017).
Booher, A. M., graduate. (2017).
Brodie, K. T., graduate. (2017).
Goodwin, B. F., graduate. (2017).
Habovick, J. K., graduate. (2017).
Johnson, K. G., graduate. (2017).
Kolhagen, A. S., graduate. (2017).
Ruppert, K. E., graduate. (2017).
Stanway, S. G., graduate. (2017).
Thompson, D., graduate. (2017).
Tritch, S. E., graduate. (2017).
Weiss, A. H., graduate. (2017).
Williams, S. K., graduate. (2017).

Supervision of Student Research Not Related to Thesis or Dissertation

Dennis, D. (Sep 2020–present).
Gilley, D. (Sep 2020–present).
Stover, E. (Sep 2020–present).

Williams, A. (Sep 2020–present).
McConomy, M. (Aug 2019–present).
Wade, T. (2019–22).
Hammons, N. (Jan 2018–Apr 2020).
Cox, S. (Aug 2016–Aug 2019).
Bellonzi, N. (Oct 2018–May 2019).
Charles, L. (Oct 2018–May 2019).
Rivera, V. (Oct 2018–May 2019).
Gilley, D. (Aug 2017–Dec 2018).
Holley, G. (Oct 2017–Jul 2018).
Henning, B. (Aug 2016–Jun 2018).
Ayzenshtat, T. (Oct 2017–May 2018).
Steinberg, C. (Oct 2017–May 2018).
Gonzalez, S. (May 2017–May 2018).
Gonzales, S. (Sep 2016–May 2017).
Saintolien, S. (Sep 2016–May 2017).

Additional Teaching Not Reported Elsewhere

Root, J. (2018). *Graduate Dissertation*.
Root, J. (2018). *Graduate Thesis*.
Root, J. (2018). *Graduate Dissertation*.
Root, J. (2018). *Graduate Thesis*.
Root, J. (2018). *Directed Independent Study in Special Education Research*.

Root, J. (2018). *Graduate Dissertation*.

Root, J. (2017). *Directed Independent Study in Special Education*. Florida State University.

Root, J. (2017). *Graduate Dissertation*.

Root, J. (2017). *Supervised Research in Special Education*. Florida State University.

Root, J. (2017). *Supervised Teaching in Special Education*. Florida State University.

Research and Original Creative Work

Program of Research and/or Focus of Original Creative Work

My research focuses on instructional methods to promote academic learning for students with autism and moderate/severe intellectual disability, particularly in the area of mathematics. As a board certified behavior analyst (BCBA), I use applied behavior analysis as a theoretical framework in designing and evaluating interventions and practices.

Publications

Invited Journal Articles

Root, J., Cox, S. K., Saunders, A. F., & Gilley, D. (2020). Applying the universal design for learning framework to mathematics for learners with extensive support needs. *Remedial and Special Education, 40*(4), 194-206. Retrieved from <https://doi.org/10.1177/0741932519887235> doi:10.1177/0741932519887235

Root, J. R., Cox, S. K., Hammons, N., Saunders, A. F., & Gilley, D. (2018). Contextualizing mathematics: Teaching problem solving to secondary students with intellectual and developmental disability. *Intellectual and Developmental Disability, 56*. doi:10.1352/1934-9556-56.6.442

Brosh, C., Root, J. R., Saunders, A. F., Spooner, F., & Fisher, L. (2018). Promoting literacy and mathematics skills during problem solving instruction for learners with intellectual disability. *Inclusion, 6*(2), 81-96. doi:10.1352/2326-6988-6.2.81

Root, J. R., Knight, V. F., & Mims, P. F. (2017). A guide to addressing multiple priorities in core content instruction for students with severe disabilities. *Career Development and Transition for Exceptional Individuals, 40*, 56-61. doi:10.1177/2165143416680997

Spooner, F., Saunders, A., Root, J. R., & Brosh, C. (2017). Promoting access to common core mathematics for students with severe disabilities through mathematical problem solving.

Research & Practice for Persons with Severe Disability, 1-16.
doi:10.1177/15407969179697119

Root, J. R., Saunders, A., Spooner, F., & Brosh, C. (2017). Teaching personal finance mathematical problem solving to individuals with moderate intellectual disability. *Career Development and Transition for Exceptional Individuals*, 40, 5-14.
doi:10.1177/2165143416681288

Refereed Journal Articles

Gilley, D., Root, J. R., Saunders, A., Cox, S., & Bryan, C. (submitted). Peer-delivered modified schema-based instruction in word problem solving for high school students with extensive support needs. *Research and Practice for Persons with Severe Disabilities*. Manuscript submitted for publication.

Thompson, J., Root, J. R., Ko, E. H., Tarlow, K., Foster, M., Kang, A., & Harrod, H. (submitted). A meta-analysis and evidence-based review of reading interventions for students with autism spectrum disorder. *Exceptional Children*. Manuscript submitted for publication.

Root, J. R., Lindstrom, E., Gilley, D., & Chen, R. (submitted). Impact of COVID-19 on instructional experiences of students with intellectual and developmental disability. *The Journal of Special Education*. Manuscript submitted for publication.

Root, J. R., Cox, S. K., Davis, K., & Gonzales, S. (2022). Augmented reality to support teaching mathematical and social problem solving to young adults with autism. *Remedial and Special Education*, 43(5), 301-313. doi:<https://doi.org/10.1177/07419325211054209>

Root, J. R., Saunders, A. F., Jimenez, B. A., & Gilley, D. G. (2022). Essential Components for Math Instruction: Considerations for Students with Extensive Support Needs. *TEACHING Exceptional Children*. doi:<https://doi.org/10.1177/00400599221120882>

Root, J. R., Saunders, A., Cox, S., Gilley, D. P., & Clausen, A. (2022). Teaching word problem solving to students with autism and intellectual disability. *TEACHING Exceptional Children*. doi:<https://doi.org/10.1177/00400599221116821>

Root, J. R., Jimenez, B. A., & Twine, J. (2022). Small group mathematical problem solving instruction for elementary students with intellectual and developmental disabilities. *Education and Training in Autism and Developmental Disabilities*, 57(1), 3-15.

Root, J. R., Cox, S. C., & McConomy, A. M. (2022). Teacher implemented modified schema-based instruction with middle-grades students with autism and intellectual disability. *Research and Practice for Persons with Severe Disabilities*, 47(1), 40-56.

- Wade, T., McConomy, A. M., Heininger, S., Root, J. R., & Hott, B. (2022). Using technology to assess IEP goal progress during virtual learning. *Journal of Special Education Technology*. doi:<https://doi.org/10.1177/01626434221074054>
- Root, J., Henning, B., & Cox, S. K. (2021). Teaching mathematical word problem solving to students with autism spectrum disorder: A best-evidence synthesis. *Education and Training in Autism and Developmental Disabilities*, 56(4), 420-436.
- Jimenez, B. A., Root, J. R., Shurr, J., & Bouck, E. C. (2021). Using the four stages of learning to assess, set goals, and instruct. *TEACHING Exceptional Children*.
- Cox, S. K., Root, J., Goetz, K., & Taylor, K. (2021). Modified schema-based instruction to encourage mathematical practice use for students with autism spectrum disorder. *Education and Training in Autism and Developmental Disabilities*, 56(2), 190-204.
- Cox, S. C., & Root, J. R. (2021). Development of mathematical practices through word problem solving instruction for students with autism spectrum disorder. *Exceptional Children*. doi:<https://doi.org/10.1177/0014402921990890>
- Cox, S. C., Root, J. R., & Gilley, D. P. (2021). Let's see that again: Using instructional videos to support asynchronous mathematical problem solving instruction for students with autism spectrum disorder. *Journal of Special Education Technology*. doi:<https://doi.org/10.1177/0162643421996327>
- McConomy, A. M., Root, J. R., & Wade, T. (2021). Using task analysis to support inclusion and assessment in the classroom. *TEACHING Exceptional Children*. doi:<https://doi.org/10.1177/00144029211025565>
- Root, J. R., Jimenez, B. A., & Saunders, A. F. (2021). Leveraging the UDL framework to plan grade-aligned mathematics in inclusive settings. *Inclusive Practices*.
- Root, J. R., Cox, S. C., Hammons, N., & Davis, K. (2020). Contextualizing mathematical problem solving instruction for secondary students with extensive support needs: A Systematic replication. *Research and Practice for Persons with Severe Disabilities*. doi:<https://doi.org/10.1177/1540796920949448>
- Root, J. R., Cox, S. K., Gilley, D. P., & Wade, T. (2020). Using a virtual-representational-abstract integrated framework to teach multiplicative problem solving to middle school students with autism and intellectual disability. *Journal of Autism and Developmental Disorders*. doi:[doi:doi.org/10.1007/s10802-020-0467402](https://doi.org/10.1007/s10802-020-0467402)
- Root, J., Jimenez, B. A., Saunders, A. F., & Stanger, C. (2020). Iterative research to support mathematical learning of students with extensive support needs. *Exceptionality*. doi:[doi:doi.org/10.1080/09362835.2020.1743708](https://doi.org/10.1080/09362835.2020.1743708)

- Gilley, D. P., Root, J. R., & Cox, S. K. (2020). Development of mathematics and self-determination skills for young adults with extensive support needs. *The Journal of Special Education*. doi:doi.org/10.1177/0022466920902768
- Root, J. R., Henning, B., & Jimenez, B. A. (2019). Building the early number sense of Kindergarteners with autism: A replication study. *Remedial and Special Education*. doi:10.1177/0741932519873121
- Saunders, A. F., Root, J. R., & Jimenez, B. A. (2019). Inclusive mathematics education practices involving students with severe disabilities. *Inclusion*, 7(2), 75-91. doi:https://doi.org/10.1352/2326-6988-7.2.75
- Root, J. R., Cox, S., & Gonzalez, S. (2019). Using modified schema-based instruction with technology-based supports to teach data analysis. *Research and Practice for Persons with Severe Disabilities*, 44, 53-68. doi:10.1177/1540796919833915
- Root, J. R., & Browder, D. M. (2019). Algebraic problem solving for middle school students with autism and intellectual disability. *Exceptionality*, 27, 118-132. Retrieved from <http://www.tandfonline.com/eprint/in6BPXkjB5AKJPszgwuV/full> doi:10.1080/09362835.2017.1394304
- Root, J. R. (2018). Effects of explicit instruction on acquisition and generalization of mathematical concepts for a student with autism spectrum disorder. *Research in Autism Spectrum Disorders*, 57. doi:10.1016/j.rasd.2018.09.005
- Cox, S., & Root, J. R. (2018). Modified schema-based instruction to develop word problem solving flexibility and communication skills for students with autism. *Remedial and Special Education*, 30. doi:10.1177/0741932518792660
- Root, J. R., Henning, B., & Boccumini, E. (2018). Teaching students with autism and intellectual disability to solve algebraic word problems. *Education and Training in Autism and Developmental Disabilities*, 53, 325-338.
- Spooner, F., Root, J. R., Saunders, A. F., & Browder, D. M. (2018). An updated evidence-based practice review on teaching mathematics to students with moderate and severe disabilities. *Remedial and Special Education*, 40(3), 150-165. doi:10.1177/0741932517751055
- Browder, D. M., Spooner, F., Lo, Y-y, Saunders, A. F., Root, J. R., Ley Davis, L., & Brosh, C. (2018). Teaching students with moderate intellectual disabilities to solve word problems. *The Journal of Special Education*, 51, 222-235. doi:10.1177/0022466917721236
- Browder, D. M., Root, J. R., Wood, L., & Allison, C. A. (2017). Effects of a story mapping procedure using the iPad on the comprehension of narrative texts by students with autism

spectrum disorder. *Focus on Autism and Other Developmental Disabilities*, 32, 243-255. doi:10.1177/1088357615611387

Root, J. R., Stevenson, B., Davis, L. L., Geddes-Hall, J., & Test, D. (2017). Establishing computer-assisted instruction as evidence based practice to teach academics to students with autism. *Journal of Autism and Developmental Disorders*, 47, 275-284. doi:10.1007/s10803-016-2947-6

Root, J. R., Browder, D. M., Saunders, A. F., & Lo, Y-y. (2017). Schema-based instruction with concrete and virtual manipulatives to teach problem solving to students with autism. *Remedial and Special Education*, 38, 42-52. doi:10.1177/0741932516643592

Allison, C., Root, J. R., Browder, D., & Wood, A. L. (2017). Technology-based shared story reading for students with autism who are English language learners. *Journal of Special Education Technology*, 11. doi:10.1177/0162643417690606

Mechling, L., & Hunnicutt, J. R. (2011). Computer-based video self-modeling to teach receptive understanding of prepositions by students with intellectual disabilities. *Education and Training in Autism and Developmental Dis*, 46, 369-385.

Edited Books

Bouck, E. B., Root, J. R., & Jimenez, B. A. (Eds.). (2021). *Research-based Mathematics Instruction for Students with Autism and Intellectual Disability*. East Lansing, MI: Division on Autism and Developmental Disabilities.

Invited Book Chapters

Wood, L., Root, J. R., Thompson, J., & McConomy, A. M. (2023). Development of academic skills. In D. Zager, D. Cihak, & A. K. Stone-MacDonald (Eds.), *Autism spectrum disorders: Identification, education, and treatment (5th ed.* New York, NY: Routledge.

Root, J. R., Jimenez, B. A., Wood, A. L., & Dennis, D. (2022). All SySTEMS Go: Teaching STEM Non-Traditionally. In B. Collins (Ed.), *No one ever told me I would have to teach like that! Guidelines for special education teachers working with remote students*. Baltimore: Brookes.

Courtade, G., Jimenez, B. A., Root, J. R., & Pennington, R. (2022). Content Area Instruction. In J. McLeskey, F. Spooner, B. Algozzine, & N. L. Waldron (Eds.), *Handbook of Effective Inclusive Elementary Schools: Research and Practice (2nd Ed)*. New York: Routledge.

Fleury, V., Root, J. R., Whalon, K., Stover, E., & Williams, A. (2022). Evidence based practices to teach academic skills. In L.C. Chezán, K. Wolfe, & E. Drasgón (Eds.), *Guide to*

Evidence-Based Practices for Practitioners Working with Individuals with Autism Spectrum Disorder. Rowman & Littlefield.

- Mims, P. J., McConomy, A., Cook, J., & Root, J. R. (2022). HLP 13: Adapting curriculum tasks and materials for specific learning goals. In R. Pennington, M. Ault, G. Courtade, M. Jameson, & A. Ruppert (Eds.), *High leverage practices: Ensuring access for students with extensive support needs*. Council for Exceptional Children.
- Cox, S. C., Root, J. R., & McConomy, A. M. (2021). Instructional decision making. In E. Bouck, B. Jimenez, & J. Root (Eds.), *Research based strategies for teaching mathematics to students with autism*. Division on Autism and Developmental Disabilities.
- Root, J. R., Clausen, A., & Spooner, F. (2021). Problem solving. In E. Bouck, B. Jimenez, & J. Root (Eds.), *Research-based strategies for teaching mathematics to students with autism and intellectual disability*. Division on Autism and Developmental Disabilities.
- Root, J., Clark, K. A., & Ley Davis, L. (2020). Academic skill instruction in adolescent transition education. In Karrie Shogren, & Michael Wehmeyer (Eds.), *Handbook of adolescent transition education for youth with disabilities (2nd ed)* (pp. 151-164). New York, NY: Routledge.
- Hudson, M., Wood, A. L., Root, J. R., & McConomy, M. (2020). Access to the General Education Curriculum. In J. McLeskey, F. Spooner, B. Algozzine, & N. L. Waldron (Eds.), *Handbook of Effective Inclusive Elementary Schools: Research and Practice (2nd Ed)*. New York: Routledge.
- Wood, L., Root, J. R., & Thompson, J. (2019). Academics. In Emily Bouck, Bree A. Jimenez, & Jordan Shurr (Eds.), *Evidence-Based Practices and Instructional Information for Students with Intellectual Disability & Autism Spectrum Disorders*. Virginia: Council for Exceptional Children.
- Root, J. R., Cox, S., & Whalon, K. (2019). Behavior. In Emily Bouck, Bree A. Jimenez, & Jordan Shurr (Eds.), *Evidence-Based Practices and Instructional Information for Students with Intellectual Disability and Autism Spectrum Disorder*. Virginia: Council for Exceptional Children.
- Root, J. R., Wood, L., & Browder, D. (2019). Assessment and planning. In F. Brown, J. McDonnell, & M. Snell (Ed.), *Instruction of Students with Severe Disabilities (9th ed)*. New York, NY: Routledge.
- Saunders, A. F., Browder, D. M., & Root, J. R. (2017). Standards-based mathematics and science instruction for students with developmental disabilities. In M. Wehmeyer, & K. Shogren (Eds.), *Research-based practices for educating students with intellectual disability*. New York, NY: Routledge.

Wood, L., Thompson, J., & Root, J. (2016). Development of academic skills in childhood. In D. Zager, D. Cihak, & A. K. Stone-MacDonald (Eds.), *Autism spectrum disorders: Identification, education, and treatment (4th ed)*. New York, NY: Routledge.

Root, J. R., Browder, D. M., & Jimenez, B. (2016). Algebra instruction for students with severe disabilities. In B.S. Witzel, & P. J. Riccomini (Eds.), *Arithmetic to algebra gap: Instructional and intervention recommendations*. Arlington, VA: Council for Exceptional Children.

Browder, D. M., Saunders, A. F., & Root, J. (2016). Technology-assisted learning and assessment for students with moderate and severe developmental disabilities. In S. Ferrara, Y. Rosen, & M. Tager (Eds.), *Handbook of research on computational tools for real-world skill development*. Hershey, PA: IGI Global.

Browder, D. M., Root, J. R., Wood, L., & Allison, C. (2015). Conducting and using student assessment. In F. Brown, J. McDonnell, & M. Snell (Eds.), *Instruction of students with severe disabilities, (8th ed.)*. Boston, MA: Pearson.

Invited Encyclopedia Entries

Root, J. R., Stevenson, B., & Ley Davis, L. (2017). Computer assisted instruction to teach academics to students with autism. In Fred R. Volkmar (Ed.), *Encyclopedia of autism spectrum disorders (2nd ed.)*. Springer. Retrieved from doi:10.1007/978-1-4614-6435-8_102212-1

Invited Reviews

Root, J. R. (2015). Positive effects of naturalistic instruction on phonological awareness skills of children with intellectual and developmental disabilities. *Evidence-Based Communication Assessment and Intervention*, 1-X. doi:10.1080/17489539.2015.1023990

Refereed Newsletter Articles

Wade, T., McConomy, A., & Root, J. R. (2021). EBP Brief: Upside down task analysis. *DADD Express*, 32(2), 3-4.

Nonrefereed Newsletter Articles

Putnam, B., Holt, L., & Root, J. (2018, September). Using co-teaching to give every student a voice. *DADD Express*, 29.

- Root, J., Cox, S., & Henning, B. (2016, December). Student corner: College Teaching. *DADD Express*, 27(4), 7.
- Root, J. (2016, September). Student corner: How to collaborate. *DADD Express*, 27(3), 7.
- Root, J., & Donehower, C. (2016, June). Student corner: Treating imposter syndrome - you are not alone. *DADD Express*, 27(2), 7-8.
- Root, J. (2016, March). Student corner: Attending professional conferences. *DADD Express*, 27(1), 7-8.
- Root, J. R., & Saunders. (2015, December). Explicit instruction to teach early numeracy skills. *DADD Express*, 26, 4.
- Root, J. R. (2015, December). Student corner: Timeline and tips for job applications. *DADD Express*, 26, 6-7.
- Root, J. R., & Donehower, C. (2015, September). Student corner: How to get the most out of professional conferences. *DADD Express*, 26, 6-7.
- Root, J. R. (2015, June). Student corner: Reflections on DADD conference. *DADD Express*, 26, 7.
- Root, J., & Wood, L. (2015, March). Student corner: Introducing new student member. *DADD Express*, 26(1), 1-1.
- Root, J., & Ley Davis, L. (2014, December). Constant time delay: An evidence-based practice to support instruction. *DADD Express*, 25(4), 1-1.

Presentations

Nonrefereed Papers at Conferences

- Root, J., & Bunch-Krupp, K. (presented 2014, July). *UNC Charlotte's special education doctoral program: Preparing future faculty to collaborate in diverse school contexts*. Paper presented at OSEP 2014 Project Director's Meeting, Office of Special Education Programs, Washington, DC. (National)
- Root, J. (presented 2010, March). *Teaching students with intellectual disabilities prepositions through computer-based video self-modeling*. Paper presented at UNCW undergraduate research symposium, UNCW, Wilmington, NC. (Local)
- Root, J. (presented 2009, November). *Teaching students with intellectual disabilities prepositions through computer-based video self-modeling*. Paper presented at the Center

for the Support of Undergraduate Research State conference (CSURF), Center for the Support of Undergraduate Research (CSURF), Wilmington, NC. (State)

Invited Keynote and Plenary Presentations at Conferences

Root, J. R. (presented 2022, November). *Building a Research Agenda one Limitation at a Time*. Plenary presentation at Teacher Education Division, Council for Exceptional Children Teacher Education Division, Richmond, VA. (National)

Root, J. R. (presented 2022, October). *Meaningful Access to the General Curriculum*. Keynote presentation at Florida Council for Exceptional Children Conference, Florida Council for Exceptional Children, Daytona Beach, FL. (State)

Root, J. R. (presented 2022, April). *Integrating evidence-based behavioral strategies into the Turkish health system*. Plenary presentation at Turkish Ministry of Health Autism Symposium, Turkish Ministry of Health, Turkey. (International)

Root, J. R. (presented 2022, March). *Leveraging culturally sustaining pedagogy to engage rural students with disabilities in mathematics*. Keynote presentation at American Council on Rural Special Education, American Council on Rural Special Education, Myrtle Beach, SC. (National)

Root, J. R. (presented 2022, March). *Leveraging culturally sustaining pedagogy to engage rural students with disabilities in mathematics*. Keynote presentation at American Council on Rural Special Education, American Council on Rural Special Education, Myrtle Beach, SC. (National)

Root, J. R. (presented 2022, March). *Making mathematics meaningful: Reconsidering the focus, form, and function of instruction for rural students with disabilities*. Keynote presentation at American Council on Rural Special Education, American Council on Rural Special Education, Myrtle Beach, South Carolina. (National)

Root, J. R. (presented 2022, March). *Making mathematics meaningful: Reconsidering the focus, form, and function of instruction for rural students with disabilities*. Keynote presentation at American Council on Rural Special Education, American Council on Rural Special Education, Myrtle Beach, SC. (National)

Root, J. (presented 2017, July). *Planned independence: Promoting mathematical problem solving for student with autism and intellectual disability*. Plenary presentation at Kentucky Association for Behavior Analysis Annual Conference, Kentucky Association for Behavior Analysis, Louisville, KY. (State) Retrieved from http://www.kentuckyaba.org/annual_2017_root_jenny

Invited Presentations at Conferences

- Cox, S. C., & Root, J. R. (presented 2022, November). *Common errors secondary students with ASD make when solving multiplicative word problems*. Presentation at OCALICON, OCALI, Virtual. (National)
- Root, J. R. (presented 2022, October). *Supporting adult learners with autism*. Presentation at 2022 Adult Community Education of Florida Conference, Adult Community Education of Florida Foundation, Orlando, FL. (State)
- Root, J. R., & Cox, S. C. (presented 2021, November). *Promoting mathematical and social problem solving through applied mathematical word problems for individuals with extensive support needs*. Presentation at OCALICON, OCALI, virtual. (International)
- Root, J. (presented 2018, September). *Building Strategic Learners: Tools for Supporting Adults with Disabilities*. Presentation at 2018 Annual Adult Community Education of Florida Conference, Adult Community Education Foundation of Florida, Naples, FL. (State)
- Root, J. (presented 2018, January). *Teaching mathematics and science to students with intellectual disability*. Presentation at 19th International Conference on Autism, Intellectual Disability, and Developmental Disabilities, Council for Exceptional Children Division on Autism and Developmental Disabilities, Clearwater, FL. (International)
- Wood, L., Root, J., & Allison, A. (presented 2017, April). *Technology integration in literacy*. Presentation at Council for Exceptional Children Convention and Expo, Council for Exceptional Children, Boston, MA. (International)
- Saunders, A. F., Root, J., & Spooner, F. (presented 2015, December). *Beyond the basics: Access to mathematics problem-solving for students with severe disability*. Presentation at TASH National Conference, TASH, Portland, OR. (National)
- Root, J. R., Ley, D., & Brosch, C. (presented 2015, November). *Strategies for promoting success in inclusive mathematics classrooms*. Presentation at Inclusion Across the Lifespan: Second Annual Inclusion Conference of the Carolinas, Inclusion Across the Lifespan, Rock Hill, SC. (State)
- Kelley, K. R., Jimenez, B. A., Pavlu, L., Rivera, C., Root, J., & Lee, F. (presented 2015, January). *How can I make a difference for individuals with disabilities in NC?* Presentation at North Carolina Council for Exceptional Children Conference, NC CEC, Pinehurst, NC. (State)
- Root, J. (presented 2011, July). *21st Century skills: Preparing every student for success*. Presentation at Junior conference, NC Teaching Fellows, Elon, NC. (State)

Root, J. (presented 2011, July). *Don't be scared of 3 little letters: Embracing the IEP process*. Presentation at Junior Conference, North Carolina Teaching Fellows, Elon, NC. (State)

Root, J. (presented 2011, July). *Survive and thrive in your first year of teaching special education*. Presentation at Junior Conference, North Carolina Teaching Fellows, Elon, NC. (State)

Root, J. (presented 2011, July). *Theory to practice gap: How to actually use what you learned in college*. Presentation at Junior Conference, North Carolina Teaching Fellows, Elong, NC. (State)

Refereed Presentations at Conferences

Fleury, V., & Root, J. R. (presented 2023, January). *Addressing autism misinformation*. Presentation at 24th International Conference on Autism, Intellectual Disability, and Developmental Disabilities, Council for Exceptional Children Division on Autism and Developmental Disabilities, Clearwater, FL. (International)

Root, J. R., Saunders, A. F., Cox, S. C., & McConomy, A. (presented 2023, January). *But can a teacher do it? Teaching word problem solving to students with IDD*. Presentation at 24th International Conference on Autism, Intellectual Disability, and Developmental Disabilities, Council for Exceptional Children Division on Autism and Developmental Disabilities, Clearwater, FL. (International)

Root, J. R., Lindstrom, E., & Pearson, J. (presented 2023, January). *Thinking beyond social validity: Using mixed methods to amplify voices of students with developmental disabilities and their families*. Presentation at at 24th International Conference on Autism, Intellectual Disability, and Developmental Disabilities, Council for Exceptional Children Division on Autism and Developmental Disabilities. (International) Retrieved from Clearwater, FL

Gilley, D., & Root, J. R. (presented 2022, November). *Bi-directional workforce development through university-community partnerships*. Presentation at 2023 DCDT Annual Conference, Council for Exceptional Children Division on Career Development and Transition, Little Rock, AK. (National)

McConomy, A., & Root, J. R. (presented 2022, November). *Building a bridge from university to school district: Addressing practice with research*. Presentation at 2022 Teacher Education Division Conference, Council for Exceptional Children Teacher Education Division, Richmond, VA. (National)

Saunders, A. F., & Root, J. R. (presented 2022, November). *How to IMPACT your learners with intellectual disabilities through improved literacy instruction*. Presentation at 71st North

- Carolina Department of Public Instruction Annual Exceptional Children's Conference, North Carolina Department of Public Instruction, Greensboro, NC. (State)
- Root, J. R., & McConomy, A. (presented 2022, November). *Research practice partnerships: How do you build a bridge?* Presentation at 2022 Teacher Education Division Conference, Council for Exceptional Children Teacher Education Division, Richmond, VA. (National)
- Root, J. R., & Saunders, A. F. (presented 2022, November). *Teaching math problem Solving: Multiplicative problem types.* Presentation at 71st North Carolina Department of Public Instruction Annual Exceptional Children's Conference, North Carolina Department of Public Instruction, Greensboro, NC. (State)
- Root, J. R., & Gilley, D. (presented 2022, November). *Use of peer mediated mathematics intervention to support equity and inclusion of students with extensive support need.* Presentation at 2023 DCDDT Annual Conference, Council for Exceptional Children Division on Career Development and Transition, Little Rock, AR. (National)
- Hall, G., van Dijk, W., Bundock, K., & Root, J. R. (presented 2022, September). *Using Bayesian Mixed Effects to Quantify Uncertainty in Multiple-Baseline Intensive Math Interventions.* Poster presentation at SREE, Society for Research on Educational Effectiveness, Arlington, Virginia. (National)
- Ward, K., Gilley, D., & Root, J. R. (presented 2022, April). *Leveraging university-community partnerships for bi-directional workforce development.* Presentation at 28th Annual FLDCDDT Visions Conference, FLDCDDT, Orlando, FL. (State)
- Ward, K., Gilley, D., & Root, J. R. (presented 2022, April). *Stopping the summer slide with a summer transition institute.* Presentation at 28th Annual FLDCDDT Visions Conference, FLDCDDT, Orlando, FL. (State)
- Shurr, J., Jimenez, B. A., Root, J. R., & Bouck, E. B. (presented 2022, January). *Learning the learning stages: An examination of integration into teacher training.* Presentation at 23rd International Conference on Autism, Intellectual Disability, and Developmental Disabilities, Council for Exceptional Children Division on Autism and Developmental Disabilities, Clearwater, FL. (International)
- Root, J. R., Cox, S. C., McConomy, A. M., & Davis, K. (presented 2022, January). *A tale of two studies; insights and findings from a systematic replication.* Poster presentation at 23rd International Conference on Autism, Intellectual Disability, and Developmental Disabilities, Council for Exceptional Children Division on Autism and Developmental Disabilities, Clearwater, FL. (International)
- Dennis, D., Root, J. R., Jimenez, B. A., & Wood, A. L. (presented 2022, January). *All SySTEMS are GO- STEM for NTI.* Presentation at 23rd International Conference on Autism,

- Intellectual Disability, and Developmental Disabilities, Council for Exceptional Children Division on Autism and Developmental Disabilities, Clearwater, FL. (International)
- Dennis, D., Root, J. R., Jimenez, B. A., & Wood, A. L. (presented 2022, January). *All SySTEMS are GO- STEM for NTI*. Poster presentation at Council for Exceptional Children (CEC) Special Education Convention & Expo, Council for Exceptional Children, Orlando, Florida. (International)
- Root, J. R., & Gilley, D. (presented 2022, January). *Experiences of students with intellectual and developmental disabilities and their caregivers during Covid-19*. Presentation at Council for Exceptional Children (CEC) Special Education Convention & Expo, Council for Exceptional Children, Orlando, Florida. (International)
- Root, J. R., Lindstrom, E., & Gilley, D. (presented 2022, January). *From bad to worse: Experiences of students with IDD and their caregivers during Covid-19*. Presentation at 23rd International Conference on Autism, Intellectual Disability, and Developmental Disabilities, Council for Exceptional Children Division on Autism and Developmental Disabilities, Clearwater, FL. (International)
- Bouck, E. B., Root, J. R., Jimenez, B. A., Cox, S. C., Saunders, A., & Bowman, J. (presented 2022, January). *Mathematics education for students with Intellectual and Developmental Disabilities*. Presentation at 23rd International Conference on Autism, Intellectual Disability, and Developmental Disabilities, Council for Exceptional Children Division on Autism and Developmental Disabilities, Clearwater, FL. (International)
- Gilley, D., Root, J. R., Hardin, S., & Fundelius, E. (presented 2022, January). *Stopping the summer slide with a summer transition institute*. Presentation at 23rd International Conference on Autism, Intellectual Disability, and Developmental Disabilities, Council for Exceptional Children Division on Autism and Developmental Disabilities, Clearwater, FL. (International)
- McConomy, A. M., Root, J. R., Williams, A. W., Bouck, E. B., & O'Reilly, C. (presented 2022, January). *Three studies, one pandemic: Implications for virtual math instruction for students with autism and ID*. Presentation at 23rd International Conference on Autism, Intellectual Disability, and Developmental Disabilities, Council for Exceptional Children Division on Autism and Developmental Disabilities, Clearwater, FL. (International)
- Root, J. R., Saunders, A. F., & Hardin, S. (presented 2022, January). *Using culturally sustaining pedagogy to make mathematics personally relevant*. Presentation at 23rd International Conference on Autism, Intellectual Disability, and Developmental Disabilities, Council for Exceptional Children Division on Autism and Developmental Disabilities, Clearwater, FL. (International)

- Root, J. R., McConomy, A., Dennis, D., Williams, A., Gilley, D., & Stover, E. (presented 2021, November). *#PandemicPLC*. Presentation at TED 2021, Teacher Education Division of Council for Exceptional Children, Ft Worth, TX. (National)
- Root, J. R., Gilley, D., & Hardin, S. (presented 2021, November). *Teaching in the Room and on Zoom: How do we Provide Flexible Practice-based Learning Opportunities to Pre-Service Teachers?* Presentation at TED 2021, Teacher Education Division of the Council for Exceptional Children, Ft Worth, TX. (National)
- Cox, S. K., & Root, J. R. (presented 2021, April). *Improving Mathematical Practices for Middle School Students with Autism Spectrum Disorder*. Presentation at Annual Meeting for the American Educational Research Association, American Educational Research Association, San Francisco, CA. (National)
- Snyder, S., Huber, H., & Root, J. R. (presented 2021, March). *Instruction for Students with DD: How to Best Implement Technology We're Already Using*. Presentation at Council for Exceptional Children (CEC) Special Education Convention & Expo, Council for Exceptional Children. (International)
- Root, J. R., Gilley, D., & Clausen, A. (presented 2021, March). *It's no Problem! Teaching math problem solving to students with autism and intellectual disability*. Presentation at Council for Exceptional Children (CEC) Special Education Convention & Expo, Council for Exceptional Children. (International)
- Cox, S. C., & Root, J. R. (presented 2021, March). *Math is about the journey, not the answer: Supporting students with ASD in the mathematical problem solving process*. Poster presentation at Council for Exceptional Children (CEC) Special Education Convention & Expo, Council for Exceptional Children. (International)
- Bouck, E. B., Root, J. R., & Jimenez, B. A. (presented 2021, March). *Mathematics Intervention and Instruction for Students With Intellectual Disability and Autism*. Presentation at Council for Exceptional Children (CEC) Special Education Convention & Expo, Council for Exceptional Children, Virtual. (International)
- Root, J. R., Cox, S. C., & McConomy, A. M. (presented 2021, March). *Promoting mathematical and social problem solving through applied mathematical word problems for individuals with extensive support needs*. Presentation at Council for Exceptional Children (CEC) Special Education Convention & Expo, Council for Exceptional Children. (International)
- Gilley, D., & Root, J. R. (presented 2021, March). *Support Teaching Practices to use in the Online and Virtual Model*. Presentation at Council for Exceptional Children (CEC) Special Education Convention & Expo, Council for Exceptional Children. (International)
- Root, J., Cox, S. K., & McConomy, M. (presented 2020, January). *Augmented reality to teach social and mathematical problem solving to secondary students with autism and intellectual disability*. Presentation at 21st annual international conference on Autism,

Intellectual Disability, and Developmental Disabilities, Division on Autism and Developmental Disabilities, Sarasota, FL. (International)

Root, J., Clark, K., & Ley-Davis, L. (presented 2020, January). *Maximizing instruction: Teaching academic content and transition skills together*. Presentation at 21st International Conference on Autism, Intellectual Disability, and Developmental Disability, Division on Autism and Developmental Disabilities, Sarasota, FL. (International)

Cox, S. K., & Root, J. (presented 2020, January). *The effects of modified schema-based instruction on mathematical practices of middle school students with autism spectrum disorder*. Presentation at Presentation submitted to the 21st annual international conference on Autism, Intellectual Disability, and Developmental Disabilities, Sarasota, FL, Division on Autism and Developmental Disabilities, Sarasota, FL. (International)

Root, J., Cox, S. K., Gilley, D., Hammons, N., & Wade, T. (presented 2020, January). *Using an integrated virtual representation abstract framework to teach multiplicative word problem solving to middle school students with extensive support needs*. Presentation at 21st annual international conference on Autism, Intellectual Disability, and Developmental Disabilities, Division on Autism and Developmental Disabilities, Sarasota, FL. (International)

Gilley, D., Root, J. R., & Cox, S. K. (presented 2020, January). *Using Self-Monitoring and Goal Setting with Modified Schema-Based Instruction to Teach Mathematical Problem Solving to Post-secondary Students*. Presentation at 21st annual international conference on Autism, Intellectual Disability, and Developmental Disabilities, Division on Autism and Developmental Disabilities, Sarasota, FL. (International)

Cox, S. K., & Root, J. R. (presented 2020). *Modified Schema Based Instructional Strategy to Improve Mathematical Practices for Students with ASD*. Presentation at Centennial Annual Meeting and Exposition for the National Council for the Teachers of Mathematics (NCTM), National Council for the Teachers of Mathematics (NCTM), Chicago, IL. (National)

Root, J., Cox, S. K., Saunders, A. F., & Gilley, D. (presented 2019, February). *Leveraging the UDL framework to teach mathematical problem solving to students with extensive support needs*. Presentation at Council for Exceptional Children (CEC) Special Education Convention & Expo, Council for Exceptional Children, indianapolis, IN. (International)

Cox, S. K., & Root, J. (presented 2019, February). *Promoting mathematical practices through modified schema based instruction for students with autism*. Presentation at Council for Exceptional Children (CEC) Special Education Convention & Expo, Council for Exceptional Children, Indianapolis, IN. (International)

Root, J., Henning, B., & Jimenez, B. A. (presented 2019, February). *Supporting the early numeracy development of students with autism spectrum disorder*. Presentation at

- Council for Exceptional Children (CEC) Special Education Convention & Expo, Council for Exceptional Children, Indianapolis, IN. (International)
- Root, J., Henning, B., & Cox, S. (presented 2019, January). *A systematic review of word problem solving instruction for students with autism*. Poster presentation at Council for Exceptional Children (CEC) Special Education Convention & Expo, Council for Exceptional Children, Indianapolis, IN. (International)
- Root, J., & Jimenez, B. A. (presented 2019, January). *Supporting early numeracy development of students with autism*. Presentation at 20th International Conference on Autism, Intellectual Disability, and Developmental Disabilities, Council for Exceptional Children's Division on Autism and Developmental Disabilities, Maui, HI. (International)
- Meyer, A., Jimenez, B. A., & Root, J. (presented 2019, January). *The powerful role of iterative research through the lens of an industry and research partnership: Numeracy and math problem solving*. Presentation at 20th International Conference on Autism, Intellectual Disability, and Developmental Disabilities, Council for Exceptional Children Division on Autism and Developmental Disability, Maui, HI. (International)
- Test, D., Root, J., Mims, P., Knight, V., Konrad, M., & Clark, K. (presented 2018, February). *Integrating Transition Content into Academic Instruction*. Presentation at 2018 Council for Exceptional Children Convention and Expo, Council for Exceptional Children Convention, Tampa, FL. (International)
- Root, J., Brosh, C., Cox, C., & Henning, B. (presented 2018, February). *What's the problem? Grade-aligned mathematics for students with extensive support needs*. Presentation at 2018 Council for Exceptional Children Convention and Expo, Council for Exceptional Children, Tampa, FL. (International)
- Root, J. (presented 2018, January). *Evaluating the Gap between Research and Practice in Mathematics Instruction for Students with Autism and Intellectual Disability*. Poster presentation at 19th International Conference on Autism, Intellectual Disability, and Developmental Disabilities, Council for Exceptional Children Division on Autism and Developmental Disabilities, Clearwater, FL. (International)
- Root, J., Mims, P., & Knight, V. (presented 2018, January). *Infusing transition content into core content instruction for students with extensive support needs*. Presentation at 19th International Conference on Autism, Intellectual Disability, and Developmental Disabilities, Council for Exceptional Children Division on Autism and Developmental Disabilities, Clearwater, FL. (International)
- Root, J., Knight, V., & Mims, P. J. (presented 2017, December). *Addressing Multiple Priorities in Academic Core Content Instruction*. Presentation at TASH 2017 Annual Conference, TASH, Atlanta, GA. (National)

- Root, J., Saunders, A. F., & Spooner, F. (presented 2017, December). *Measuring the Gap: State of Math Research and Practice in Severe Disabilities*. Presentation at TASH 2017 Annual Conference, TASH, Atlanta, GA. (National)
- Root, J., Cox, S. C., Henning, B., & Saunders, A. F. (presented 2017, December). *Tackling the Problem of Problem Solving*. Presentation at TASH 2017 Annual Conference, TASH, Atlanta, GA. (National)
- Root, J., & Spooner, F. (presented 2017, November). *Measuring the Gap: State of Research and Practice in Mathematics Instruction*. Presentation at Teacher Education Division, Council for Exceptional Children, Savannah, GA. (National)
- Root, J., & Boccumini, E. (presented 2017, May). *Acquisition and generalization mathematical concepts for a student with autism*. Poster presentation at 43rd Annual Convention of the Association of Behavior Analysis International, Association of Behavior Analysis International, Denver, CO. (International)
- Root, J., Saunders, A. F., Browder, D. M., & Brosh, C. (presented 2017, April). *Building up Mathematical Problem Solving for Students with Extensive Support Needs*. Presentation at 2017 CEC Convention and Expo, CEC, Boston, MA. (International)
- Saunders, A. F., Spooner, F., Root, J., & Ley Davis, L. (presented 2017, April). *The solutions project: Real-world mathematical problem solving for students with severe disabilities*. Presentation at 2017 CEC Convention and Expo, CEC, Boston, MA. (International)
- Saunders, A., Root, J., & Brosh, C. (presented 2017, January). *Beyond the basics in mathematics: Problem solving instruction for students with severe disabilities*. Presentation at 18th International Conference on Autism, Intellectual Disability, and Developmental Disabilities, DADD, Clearwater, FL. (International)
- Wood, L., Thompson, J., & Root, J. (presented 2017, January). *Implementing evidence-based practices to promote academic content learning for students across the autism spectrum*. Presentation at 17th International Conference on Autism, Intellectual Disability, and Developmental Disabilities, DADD, Waikiki, HI. (International)
- Root, J., Saunders, A. F., Browder, D. M., & Brosh, C. (presented 2017, January). *Making mathematical problem solving accessible*. Presentation at 18th International Conference on Autism, Intellectual Disability, and Developmental Disabilities, DADD, Clearwater, FL. (International)
- Bouck, E., Shurr, J., & Root, J. (presented 2017, January). *Virtual manipulatives in mathematics instruction for students with developmental disabilities*. Presentation at 18th International Conference on Autism, Intellectual Disability, and Developmental Disabilities, DADD, Clearwater, FL. (International)

- Browder, D. M., Saunders, A. F., & Root, J. (presented 2016, April). *Mathematical problem solving for students with moderate/severe disability*. Presentation at 2016 CEC Convention and Expo, CEC, St Louis, MI. (International)
- Root, J., Stevenson, B., & Ley Davis, L. (presented 2016, January). *Computer assisted instruction to teach academics to students with autism spectrum disorder: Establishing an evidence based practice*. Presentation at 17th International Conference on Autism, Intellectual Disability, and Developmental Disabilities, DADD, Waikiki, HI. (International)
- Davis, L. L., Root, J., & Brosh, C. (presented 2016, January). *Simulated real-life video modeling for mathematical problem solving and generalization for students with moderate/severe disability*. Presentation at 17th International Conference on Autism, Intellectual Disability, and Developmental Disabilities, DADD, Waikiki, HI. (International)
- Saunders, A., Root, J., & Spooner, F. (presented 2015, December). *Beyond the basics: Access to mathematics problem-solving for students with severe disability*. Presentation at TASH National Conference, TASH, Portland, OR. (National)
- Root, J., Saunders, A. F., & Spooner, F. (presented 2015, December). *Promoting access to common core mathematics in inclusive settings*. Presentation at TASH National Conference, TASH, Portland, OR. (National)
- Root, J. (presented 2015, November). *Physical restraint and seclusion in schools: Perspectives on policies and the need for change*. Presentation at TED annual meeting, Teacher Education Division (TED) of the Council for Exceptional Children, Tempe, AZ. (National)
- Root, J. (presented 2015, November). *Virtual learning materials: Evidence to support effectiveness and preference for students with Autism Spectrum Disorder*. Poster presentation at TED annual meeting, Teacher Education Division (TED) of the Council for Exceptional Children, Tempe, AZ. (National)
- Root, J., & Allison, C. A. (presented 2015, April). *Technology supports to increase reading comprehension and independence for students with autism*. Presentation at 2015 CEC Convention and Expo, CEC, San Diego, CA. (International)
- Root, J. (presented 2015, February). *Effects of schema-based strategy instruction with concrete vs virtual manipulatives on math word problem solving for students with autism*. Presentation at 2015 annual meeting of the North Carolina Association of Applied Behavior Analysis (NC ABA), NC ABA, Asheville, NC. (State)
- Root, J., & Allison, C. A. (presented 2015, February). *Effects of time delay, system of least prompts, and related story mapping procedures on reading comprehension of students*

- with autism*. Presentation at 2015 annual meeting of the North Carolina Association of Applied Behavior Analysis, NC ABA, Asheville, NC. (State)
- Saunders, A. F., Root, J., & Davis, L. P. (presented 2015, January). *Beyond the basics: Teaching math problem solving*. Presentation at North Carolina Council for Exceptional Children Annual Conference, NC CEC, Pinehurst, NC. (State)
- Root, J., Browder, D. M., & Allison, C. (presented 2015, January). *Planned independence: Supporting comprehension for students with autism*. Presentation at 16th International Conference on Autism, Intellectual Disability, and Developmental Disabilities, DADD, Clearwater, FL. (International)
- Browder, D. M., Saunders, A. F., & Root, J. (presented 2015, January). *Promoting common core mathematics for students with moderate/severe intellectual disability and autism*. Presentation at 16th International Conference on Autism, Intellectual Disability, and Developmental Disabilities, DADD, Clearwater, FL. (International)
- Root, J., & Allison, C. (presented 2014, December). *Planning for access and independence: Technology and supports for text comprehension*. Presentation at TASH National Conference, TASH, Washington, DC. (National)
- Root, J., Saunders, A., & Spooner, F. (presented 2014, December). *Promoting common core mathematics for a student with autism in inclusive settings*. Presentation at TASH National Conference, TASH, Washington, DC. (National)
- Saunders, A., & Root, J. (presented 2014, November). *Beyond the basics: Teaching math problem solving*. Presentation at North Carolina Department of Public Instruction Exceptional Children's Conference, North Carolina Department of Public Instruction, Greensboro, NC. (State)
- Root, J., & Pavlu, L. (presented 2014, November). *Promoting common core mathematics for students with autism and intellectual disability in inclusive settings*. Presentation at Inclusion Across the Lifespan: First Annual Inclusion Conference of the Carolinas, Winthrop Think College, Rock Hill, SC. (Regional)
- Wood, L., & Root, J. (presented 2014, April). *Teaching students with moderate intellectual disabilities to use a self-questioning strategy to comprehend social studies text*. Presentation at CEC 2014 Convention and Expo, CEC, Philadelphia, PA. (National)
- Root, J. (presented 2014, February). *Comprehension for students who access alternate achievement literacy*. Presentation at Annual Meeting of the North Carolina Association for Behavior Analysts, North Carolina Association for Behavior Analysts, Winston Salem, NC. (State)
- Root, J. (presented 2014, February). *Effects of a tactile self-monitoring intervention on the off-task behavior of adolescents with autism spectrum disorder*. Presentation at Annual

meeting of the North Carolina Association of Applied Behavior Analysts, North Carolina Association of Applied Behavior Analysts, Winston-Salem, NC. (State)

Browder, D. M., Allison, C. A., & Root, J. (presented 2014, January). *Using technology to teach comprehension to students with developmental delay*. Presentation at North Carolina Council for Exceptional Children Conference, North Carolina Council for Exceptional Children, Pinehurst, NC. (State)

Root, J., Calderwood, M., & Underwood, P. (presented 2013, March). *Leland middle school tiger ROARS initiative: A positive look at behavior*. Presentation at North Carolina Middle School Conference, North Carolina Department of Public Instruction, Greensboro, NC. (State)

Root, J. (presented 2012, January). *Tactile self-monitoring: Teaching self-management to middle school students*. Poster presentation at North Carolina Council for Exceptional Children Conference, North Carolina Council for Exceptional Children, Winston Salem, NC. (State)

Refereed Presentations at Symposia

Root, J. (accepted). Pictorial self-instruction to promote self-determination during mathematics instruction. In David Test (Chair), *Integrating Transition Content into Academic Instruction*. Presentation to be conducted at the meeting of Council for Exceptional Children, Tampa, FL. (International)

Spooner, F., Saunders, A. F., Root, J., & Brosh, C. (presented 2017, May). Conceptual model for training mathematical problem solving to students with severe disabilities. In Fred Spooner (Chair), *Using pictorial self-instruction to teach chained mathematical tasks to students with severe disabilities* (. Presentation at the meeting of Association for Behavior Analysis International, Denver, Colorado. (International)

Root, J., Saunders, A. F., Spooner, F., & Brosh, C. (presented 2017). Pictorial self-instruction to teach students with Down Syndrome personal finance problem solving. In Fred Spooner (Chair), *Using pictorial self-instruction to teach chained mathematical tasks to students with severe disabilities*. Presentation at the meeting of Applied Behavior Analysis International, Denver, CO. (International)

Root, J., & Browder, D. M. (presented 2017). Technology-based prompting to teach chained mathematical problem solving tasks to middle school students with Autism. In Fred Spooner (Chair), *Using pictorial self-instruction to teach chained mathematical tasks to students with severe disabilities*. Presentation at the meeting of Applied Behavior Analysis International, Denver, CO. (International)

Root, J. R., Stevenson, B., & Test, D. W. (presented 2015, May). Computer-Assisted instruction to teach academics to students with autism: Analysis of the evidence base. In *2015*

Annual ABAI Convention. Presentation at the meeting of ABAI, San Antonio, TX. (International)

Root, J. R., & Wood, L. (presented 2015, May). Electronic story mapping to teach comprehension of narrative texts by students with autism spectrum disorder. In *2015 Annual ABAI Convention*. Presentation at the meeting of ABAI, San Antonio, TX. (International)

Thompson, J., & Root, J. (presented 2015, May). Technology interventions for culturally and linguistically diverse individuals with autism spectrum disorder. In Fred Spooner (Chair), *Current Status and Future Directions of Technology to Teach Academics to Students with Autism*. Presentation at the meeting of Applied Behavior Analysis International, San Antonio, TX. (International)

Root, J., & Saunders, A. (presented 2014, February). Tactile self-monitoring to decrease off-task behaviors of adolescents with autism spectrum disorder. In *8th annual ABAI Autism Conference*. Poster presentation at the meeting of Applied Behavior Analysis International, Louisville, KY. (International)

Invited Workshops

Root, J. R. (2022, November). *It starts with the system: Structuring adult education to support learners with disabilities*. Workshop delivered at 75 minute webinar for Adult Community Education of Florida, virtual. (State)

Root, J. R. (2022, November). *Word Problem Solving for Students with Extensive Support Needs*. Workshop delivered at 6 hour workshop for Washington County Public Schools - Maryland, Hagerstown, MD. (Local)

McConomy, A., & Root, J. R. (2022, October). *Collaboration*. Workshop delivered at 3 hour workshop for Leon County School's novice special education teachers and administrators, Tallahassee, FL. (Local)

Root, J. R. (2022, October). *Universal design for learning: Proactively meeting learner assessment and instructional needs*. Workshop delivered at 75 minute webinar for Adult Community Education of Florida, virtual. (State)

Root, J. R., & Williams, A. (2022, March). *System of Least Prompts to Support Comprehension of Students with Extensive Support Needs*. Workshop delivered at Grethchen Everhart School. (Local)

Root, J. R. (2022, February). *Building a research agenda one limitation at a time*. Workshop delivered at 60 minute workshop delivered virtually to doctoral students on Florida Center for Reading Research-affiliated training grants, virtual. (Local)

- Root, J. R., & Williams, A. (2022, January). *Using constant time delay to support comprehension of students with extensive support needs*. Workshop delivered at 60 minute workshop delivered at Gretchen Everhart School, Gretchen Everhart School. (Local)
- Root, J. R., & Williams A. (2022, January). *Using constant time delay to support literacy for students with extensive support needs*. Workshop delivered at Gretchen Everhart School. (Local)
- Root, J. R. (2022). *(re)Developing Writing Habits*. Workshop delivered at 60 minute webinar for Academy of Scholars, Florida State University College of Education, virtual. (Local)
- Root, J. R., McConomy, A. M., & Morsching, D. (2022). *Dive into UDL*. Workshop delivered at Monthly professional development and book-study for Montford Middle School general education teachers (8 hours total), Tallahassee, FL. (Local)
- Root, J. R. (2022). *Evidence-based practices for mathematics intervention*. Workshop delivered at Six 90 minute virtual workshops for Leon County teachers in Math PLCs, virtual. (Local)
- Root, J. R., & Hutchins, Z. (2022). *Science of math for students with intensive support needs*. Workshop delivered at 60 minute workshop for Leon County School's Simply the B.E.S.T. conference, Tallahassee, FL. (Local)
- Root, J. R., & Hutchins, Z. (2022). *Science of reading for students with intensive support needs*. Workshop delivered at . 60 minute workshop for Leon County School's Simply the B.E.S.T. conference. (Local)
- Root, J. R. (2022). *Understanding adult learners with disabilities*. Workshop delivered at 75 minute webinar for Adult Community Education of Florida, virtual. (State)
- Root, J. R. (2022). *Unpacking universal design for learning*. Workshop delivered at 90 minute workshop during 1.5 day FSU TEACH summer workshop for secondary math and science teachers, Tallahassee, FL. (Local)
- Root, J. R. (2020, February). *Building strategic learners: Tools to support adults with learning disabilities*. Workshop delivered at Adult Community Educators of Florida, Lakeland, FL. (State)
- Root, J. R. (2020). *Math in the Real World: Teaching Meaningful Standards-based Math*. Workshop delivered at HELIX, Pennsylvania Training and Technical Assistance Network. (State)

- Root, J. R. (2019, May). *Building strategic learners: Tools to support adults with learning disabilities*. Workshop delivered at Adult Community Educators of Florida, Eustis, Florida. (State)
- Root, J. R. (2019, April). *Building strategic learners: Tools to support adults with learning disabilities*. Workshop delivered at Adult Community Educators of Florida, Pensacola, Florida. (State)
- Root, J. (2019, March). *Everyone has Something to Add*. Workshop delivered at Maryland State Department of Education, Division of Early Intervention and Special Education Services, Fredrick & Annapolis, MD. (State)
- Root, J. (2018, April). *Understanding "Pockets of Strength" for Adults with Learning Disabilities*. Workshop delivered at Regional-Part Time Teachers Academy Training, Tallahassee, FL. (Regional)
- Root, J. (2015, October). *Promoting grade-aligned mathematics*. Workshop delivered at Down Syndrome Association of North Carolina, Charlotte, NC. (State)
- Root, J. (2014, November). *Applied behavior analysis for general education teachers: What is errorless learning?* Workshop delivered at Socrates Academy, Charlotte, NC. (Local)
- Root, J. (2013, January). *Teaching critical thinking to students on the extended common core standards*. Workshop delivered at Brunswick County Adapted Curriculum Teachers, Bolivia, NC. (Local)
- Root, J. (2012, October). *Autism 101*. Workshop delivered at Brunswick County Schools, Leland, NC. (Local)
- Root, J. (2012, October). *UDL and the common core in the healthful living curriculum*. Workshop delivered at Brunswick County Schools, Leland, NC. (Local)

Nonrefereed Workshops

- Root, J. (2017, August). *Logic model workshop: Sharing "take aways" from IES single-case institute*. Workshop delivered at Florida State University, Tallahassee, FL. (Local)

Invited Lectures and Readings of Original Work

- Root, J. R., Williamson, P., & Brenna, K. (2023, January). *Faculty Roles in Education Policy: Who, What, When, Where, Why, and How of Advocacy*. Delivered at Florida State University School of Teacher Education Colloquium Series, Florida State University, virtual. (Local)

- Root, J. R. (2022, May). *Promotion and Tenure at Research-Intensive Universities*. Delivered at 45 minute guest lecture for doctoral candidates at University of North Carolina Charlotte, virtual. (Local)
- Root, J. R. (2022, March). *Mathematics and students with extensive support needs*. Delivered at Vanderbilt University. (Local)
- Root, J. R. (2021, December). *Contextualizing math for students with extensive support needs*. Delivered at Infinitec. (National)
- Root, J. R. (2021, December). *UDL supports for mathematics for students with extensive support needs*. Delivered at Infinitec. (National)
- Root, J. R. (2021, November). *Teaching problem solving using modified schema-based instruction*. Delivered at University of Texas at Arlington. (Local)
- Root, J. R. (2021, October). *The science of math: Applying the instructional hierarchy with learners with autism and intellectual disability*. Delivered at Center for Interdisciplinary Research and Collaboration in Autism and University of British Columbia, virtual. (International)
- Root, J. R. (2021, June). *Modified Schema-based Instruction*. Delivered at University of Oklahoma. (Local)
- Root, J. R. (2021, April). *Teaching word problem solving to students with autism and intellectual disability: Pivoting research during Covid-19*. Delivered at Florida State University School of Teacher Education Colloquium Series, Florida State University, virtual. (Local)
- Root, J. R. (2021, March). *Conducting research in the era of Covid-19*. Delivered at Council for Exceptional Children Division for Research Early Career Fellows. (National)
- Root, J. R. (2021, March). *Mathematics and students with extensive support needs*. Delivered at Vanderbilt University. (Local)
- Root, J. (2018, June). *Grade-Aligned Math for Students with Moderate and Severe Disabilities*. Delivered at Guy Fenter Education Service Cooperative, Arkansas. (State)
- Root, J. R. (2017, November). *Access to the General Curriculum for Students with Significant Disabilities: Grade-Aligned Mathematics*. Delivered at East Tennessee State University, East Tennessee State University. (State)
- Root, J. R. (2017, November). *Best practices for learners with moderate/severe disabilities*. Delivered at Florida State University, Tallahassee, FL. (Local)

- Root, J. R. (2017, October). *Access to the General Education and Teaching Functional Academics: Early Numeracy and Problem Solving: Building a Strong Foundation for Students with Severe Disabilities*. Delivered at Vanderbilt University, Vanderbilt University. (State)
- Root, J. R. (2017, October). *Beyond the Basics: Promoting Problem Solving for Students with Autism*. Delivered at Florida State University School of Teacher Education Colloquium Series, Florida State University. (Local)
- Root, J. R. (2016, October). *Access to the General Education and Teaching Functional Academics : Early Numeracy & Problem Solving*. Delivered at Vanderbilt University, Vanderbilt University. (State)
- Root, J. R. (2016, October). *Best practices for learners with moderate/severe disabilities*. Delivered at Florida State University, Tallahassee, FL. (Local)
- Root, J. R. (2015, September). *Access to the General Education and Teaching Functional Academics : Early Numeracy*. Delivered at Vanderbilt University, Vanderbilt University. (State)
- Root, J. R. (2015, March). *General Curriculum Access: Early Numeracy*. Delivered at University of North Carolina at Charlotte, University of North Carolina at Charlotte. (State)
- Root, J. R. (2015, February). *Instructional Planning in Special Education: Functional Behavior Assessments*. Delivered at University of North Carolina at Charlotte, University of North Carolina at Charlotte. (State)
- Root, J. R. (2015, January). *Introduction to Students with Special Needs: Emotional and Behavioral Disorders*. Delivered at University of North Carolina at Charlotte, University of North Carolina at Charlotte. (State)
- Root, J. R. (2015, January). *Introduction to the General Curriculum: The Least Dangerous Assumption*. Delivered at University of North Carolina at Charlotte, University of North Carolina at Charlotte. (State)
- Root, J. R. (2014, August). *Introduction to Students with Special Needs: Special Education Law and Process*. Delivered at University of North Carolina at Charlotte, University of North Carolina at Charlotte. (State)
- Root, J. R. (2014, January). *Introduction to the General Curriculum: Advocacy through Leadership*. Delivered at University of North Carolina at Charlotte, University of North Carolina at Charlotte. (State)

Contracts and Grants

Contracts and Grants Funded

Root, J. R. (Sep 2020–Feb 2021). *Pivoting to virtual video-based math instruction to support mathematical problem solving of students with autism*. Funded by Autism Science Foundation. Total award \$3,000.

Root, J. R., Cox, S. C., McConomy, A. M., & Wade, T. (Aug 2020–Jul 2021). *Caregiver-assisted Virtual Math Instruction for Secondary Students with Autism*. Funded by AERA Division K Teaching and Teacher Education. Total award \$7,500.

Root, J. R., Cox, S. K., McConomy, M., & Wade, T. (Aug 2020–Jul 2021). *Caregiver-assisted virtual math instruction for secondary students with autism*. Funded by AERA Division K. Total award \$7,500.

Root, J. R., Whalon, K., & Fleury, V. (Nov 2019–Oct 2024). *Project RAISE: Research-based Academic Interventions for Students with Extensive Support Needs*. Funded by U.S. Department of Education, Office of Special Education Programs. (H325D190024). Total award \$1,090,208.

Wood, C., Therrien, M., Barton-Hulsey, A., Root, J. R., Whalon, K., Brown-Cross, D., & Alexander, A. (Nov 2019–Oct 2024). *KiDDS: K-12 Individuals with Developmental Disabilities*. Funded by Department of Education, Office of Special Education Programs. (H325K190022). Total award \$1,244,046.

Root, J. (Jul 2019–Jun 2023). *Developing a curriculum to teach secondary students with extensive support needs real world mathematical problem solving skills*. Funded by U.S. Department of Education, Institute of Education Sciences. Total award \$500,000.

Root, J. R. (May 2019–Aug 2019). *2019 Dean's Circle*. Funded by Florida State University College of Education Foundation. Total award \$7,000.

Root, J. (Jan 2019–Apr 2020). *Generalization of Technology-based Mathematics and Social Skills Instruction for Secondary Students with Autism*. Funded by Organization for Autism Research. Total award \$30,000.

Root, J. (Jan 2019–Dec 2019). *Using Augmented Reality and Modified Schema-Based Instruction to Teach Mathematics and Social Skills to Students with Autism*. Funded by Florida State University Council on Research and Creativity. Total award \$13,000.

Root, J. R. (May 2017–Aug 2017). *Modified Schema-based Instruction on a Technology Platform to Teach Data Analysis to Students with Autism Spectrum Disorder*. Funded by Council on Research and Creativity. Total award \$20,000.

Resource Grant

- Root, J. R. (2017, August–December). A grant of 10 hour/week graduate assistant. *Math Concept Learning for Students with Intellectual Disability*. Sponsored by FSU-SRAD.
- Root, J. R. (2017, June). A grant of Funding to attend the 2017 IES Single Case Institute. *2017 IES Single Case Institute*. Sponsored by FSU-SRAD.
- Root, J. R. (2017, April). A grant of Travel to present at the 2017 Council for Exceptional Children Conference in Boston, MA. *The Solutions Project: Real-World Mathematical Problem Solving for Students with Severe Disabilities*. Sponsored by FSU College of Education Council on Research in Education (CORE).
- Root, J. R. (2016, December–May). A grant of Mathematics curricula. *Teaching Mathematics to Students with Autism Materials Grant*. Sponsored by Undergraduate Research Opportunity Project.
- Root, J. R. (2014, December). A grant of Travel Grant to present research at TASH in Washington D.C. *Planned Independence: Supporting Comprehension for Students with Autism*. Sponsored by UNC Charlotte Graduate and Professional Student Government Travel Grant.
- Root, J. R. (2014, March–May). A grant of Travel funding to carry out research. *Effects of Electronic Touch-Based Story Mapping on Comprehension of Narrative Texts for Students with Autism Spectrum Disorder*. Sponsored by UNC Charlotte Special Education and Child Development Research Fund.
- Root, J. R. (2014, February). A grant of Travel Grant to present research at ABAI-Autism in Louisville, KY. *Tactile Self-Monitoring to Decrease Off-Task Behaviors of Adolescents with Autism Spectrum Disorder*. Sponsored by UNC Charlotte Graduate and Professional Student Government Travel Grant.

Contracts and Grants Denied

- Root, J. R., & Barton-Hulsey, A. (Oct 2022). *Advancing equity in reading for students with intellectual and developmental disabilities and limited speech*. Submitted to FSU Council on Research and Creativity.
- Root, J. R. (Apr 2022). *Project RAISE: Research-based Academic Interventions for Students with Extensive Support Needs*. Submitted to U.S. Department of Education, Office of Special Education Programs.

- Root, J. R., Whalon, K., & Fleury, V. (Jun 2021). *Project RAISE 2.0: Research-based Academic Interventions for Students with Extensive Support Needs*. Submitted to U.S. Department of Education, Office of Special Education Programs.
- Jimenez, B. A., & Root, J. R. (May 2021). *Learning communities engaged in evidence-based decision making*. Submitted to William T. Grant Foundation.
- Root, J. R., Wood, L., Mims, P., Jimenez, B., Courtade, G., Thompson, J., & Knight, V. F. (Dec 2019). *Ventures and vexations in implementation and measurement of general curriculum access*. Submitted to Spencer.
- Stanger, C., & Root, J. (Mar 2019). *Math Dashboard- A Digital Dashboard to Longitudinally Track Math Progress for Students in Special Education*. Submitted to Institute of Education Sciences.
- Root, J. R., Whalon, K., & Hanline, M. F. (Jul 2018). *Project RAISE: Research-based Academic Interventions for Students with Extensive Support Needs*. Submitted to U.S. Department of Education, Office of Special Education Programs.
- Wood, C., Barton, A., Therrien, M., Whalon, K., & Root, J. R. (Jul 2018). *KiDDS: K-12 Individuals with Developmental Disabilities: Preparing Personnel to Serve Children with High-Intensity Needs with a Focus on Cultural and Linguistic Diversity*. Submitted to U.S. Department of Education.
- Root, J. (Feb 2018). *Teaching mathematics to students with extensive support needs using mobile technology and video simulations*. Submitted to FSU Council on Research and Creativity.
- Ivy, S., Root, J. R., & Lewis, S. (Mar 2017). *Project CAPsure: Preparing Personnel to Serve Students with Severe Disability and Visual Impairment in Interdisciplinary Teams*. Submitted to United States Department of Education, Office of Special Education Programs.
- Root, J. R., & Allison, C. (Mar 2017). *Hybrid Professional Development for Paraeducators*. Submitted to Organization for Autism Research.
- Root, J. R. (Jun 2015). *Mathematical Problem Solving with a Technology Platform for Students with Autism Spectrum Disorder and Moderate Intellectual Disability*. Submitted to Wing Institute.

Postdoctoral Supervision

- Cox, S. K. (2019–20).

Curriculum

Root, J. R., Saunders, A. F., Mims, P. J., Wood, L., Jimenez, B. A., Brosh, C., Sherwood, J., Kersting, J., & Marks, C. (2019). *enCORE*. Teach Town.

Saunders, A., Root, J., & Browder, D. (2017). *Math Skills Builder*. Attainment Company.

Hosting Visiting Scholars

Root, J. (2018). *Host for Ambady Gobi, visiting Fulbright Scholar from India*. Fulbright International.

Service

Florida State University

FSU University Service

Panel Member, Academic Honor Policy Hearing Panel (2019).

FSU College Service

Faculty Advisor, Student Council for Exceptional Children (2016–present).

Member, Academy of Scholars (2022–2023).

Vice Chair, Faculty Advisory Board (2021–2022).

Member, Faculty Advisory Board (2020–2021).

FSU Department Service

Member, Annual Evaluation and Merit Committee (2021–present).

Co-Chair, Community Relations Committee (2018–present).

Co-Chair, School of Teacher Education Colloquium (2017–present).

Recruitment, ESE programs (2017–present).

Led tabling at Florida Council for Exceptional Children Conference, Recruitment for Special Education Programs (2022).

Co-Organizer, Math Education and Special Education Intellectual Community (2021–2022).

Led tabling and alumni event the Council for Exceptional Children (CEC) Special Education Convention, Recruitment for Special Education Programs (2022).

Member, Bylaws Committee (2020–2022).

Member, Visual Disabilities Search Committee (2021).

Member, STE Director Search Committee (2021).

Member, Visual Disabilities Search Committee (2020–2021).

Member, Ad-hoc STE Director Replacement Committee (2020).

Member, Community Relations committee (2017–2018).

Facilitator, Workshop on Logic Models for Single Case Intervention Research (2017).

Faculty Convener, School of Teacher Education (2016–2017).

The Profession

Guest Editing for Refereed Journals

Zucker, S., Root, J. R., Roberts, C., & Wehmeyer, M. (Eds.). (2019, December). Research to Practice [Special Issue]. *DADD Online Journal*, 6.

Editorial Board Membership(s)

Research and Practice for Persons with Severe Disabilities (2022–present).

Focus on Autism and Other Developmental Disabilities (2022–present).

Journal of Turkish Education Sciences (2022–present).

Rural Special Education Quarterly (2022–present).

Remedial and Special Education (2020–present).

Inclusion (2020–present).

Inclusive Practices (2020–present).

Education and Training in Autism and Developmental Disabilities (2019–present).

Research and Practice for Persons with Severe Disabilities (2019–present).

Guest Reviewer for Refereed Journals

Rural Special Education Quarterly (Dec 2017–present).

Research in Developmental Disabilities (Nov 2017–present).

Intellectual and Developmental Disabilities (Sep 2017–present).

Education and Training in Autism and Developmental Disabilities (Jul 2017–present).

Remedial and Special Education (Dec 2016–present).

Journal of Special Education Technology (Nov 2016–present).

Education and Treatment of Children (Jun 2016–present).

Journal of Autism and Developmental Disorders (Dec 2015–present).

Division on Autism and Developmental Disabilities Online Journal (Jan 2015–present).

Focus on Autism and Other Developmental Disabilities (Oct 2014–present).

Research and Practice for Persons with Severe Disabilities (Apr 2014–present).

The Journal of Special Education (Jan 2014–present).

Exceptional Children (Nov 2013–present).

Exceptionality (Oct 2013–present).

Chair of a Symposium

Root, J. (Chair). (2018, January). *Perspectives on Publishing Pre-Tenure: Advice from Experts in the Field*. Symposium conducted at the meeting of Council for Exceptional Children Division on Autism and Developmental Disabilities, Clearwater, FL.

Reviewer or Panelist for Grant Applications

National Center for Special Education Research, Institute of Education Sciences, Early Career Panel (2023).

National Center for Special Education Research, Institute of Education Sciences, Unsolicited Panel R (2022).

Organization for Autism Research, Applied Research Competition Reviewer (2022).

Institute for Education Sciences (2021).

Organization for Autism Research (2020).

Service to Professional Associations

Founding Contributor, The Science of Math (2021–present).

Authorized Continuing Education (ACE) provider, Division on Autism and Developmental Disabilities (2019–present).

Committee Member, Early Career Researcher Award Committee, TASH (2018–present).

Reviewer, Reviewer for 2015, 2016 TED conference proposals - Kaleidoscope Research Strand, Council for Exceptional Children Teacher Education Division (2015–present).

Awards Committee Member, Council for Exceptional Children Division on Autism and Developmental Disability (2015–present).

Reviewer, Reviewer for 2015, 2016, 2017 conference proposals, Council for Exceptional Children (2014–present).

At-Large Member of the DADD Board of Directors (elected), Service to Board of Directors, Division on Autism and Developmental Disabilities of the Council for Exceptional Children (2020–2022).

Reviewer, Conference proposal reviewer, Council for Exceptional Children, Division on Autism and Developmental Disability (2017).

Student Governor, Elected position, Division on Autism and Developmental Disabilities (2015–2016).

Reviewer, Reviewer for 2015, 2016 National Youth at Risk Conference proposals, strands on academic achievement, school leadership, and social/emotional skills, National Youth at Risk Conference (2013–2015).

Service to Other Universities

Promotion and Tenure Review, *University of Maryland* (2022).

Promotion and Tenure Review, *University of Oklahoma* (2022).

Reviewed faculty proposals for Discovery & Innovation Grant, *University of Wisconsin Milwaukee* (2021).

Reviewed PhD in Special Education major product rubrics for content validity, *Department of Special Education and Child Development* (2016).

Assisted in development, dissemination, and analysis of Project for Success survey, *UNC Charlotte college of education* (2015).

Student Court Justice, *UNC Charlotte Academic Integrity Board* (2014).

The Community

Coaching, Reading for students on the alternate assessment, as-needed consultation, Gretchen Everhart School (2022–2023).

Facilitator, UDL Book study, six one hour live meetings, Montford Middle School (2022–2023).

PLC Facilitator, Math PLC for ESE Teachers, Leon County Schools (2022).

Facilitator, Intensive Mathematics Instruction Professional Learning Community Facilitation, six 90 minute live meetings, Leon County Schools (2021–2022).

Professional Development, Provided 1 hour professional development on Neurodiversity, Maclay School (2021).

Consultation

Maryland State Department of Education. Subject Matter Expert, State Personnel Development Grant (2022–present).

Maryland State Department of Education. Subject Matter Expert for State Personnel Development Grant (2022–present).

Colquitt County Schools. Consultation on Supporting Math Instruction for Students with Extensive Support Needs (2021–present).

Colquitt County Schools - Georgia. Professional Development & Coaching for Middle Grades Mathematics Intervention (2022–2023).

Florida Center for Reading Research. Subject Matter Expert for Literacy Genome Project (2022).

Turkish Ministry of Health. Subject Matter Expert for Development of Applied Behavior Analysis Modules for Child Development Specialists (2022).

Washington County Schools – Maryland. Professional Development & Coaching for Special Education Teachers on word problem solving (2022).

Florida Department of Education. Alignment between ESE competencies and skills and new BEST Standards for students in K-12 ELA (2020).

Florida Department of Education. FTCE Exceptional Student Education K-12 B.E.S.T. Standards Alignment Review (2020).

Maryland Coalition for Inclusive Education. Provide professional development to teachers on grade aligned mathematics for students with significant cognitive disabilities (2019).

Florida Department of Education. Florida Teacher Certification Exam Exceptional Student Education Test Form Validation (2018).

Florida Department of Education. Florida Teacher Certification Exam Exceptional Student Education Test Form Validation (2017).

Florida Department of Education. Key Validation of Florida Teacher Certification Exam - PK-3 Developmental Knowledge (2017).

Search Committee

Root, J. R. (2021). *Assistant/Associate Visual Disabilities Search Committee Member*. Florida State University.

Root, J. R. (2021). *Director of School of Teacher Education Search Committee Member*. Florida State University.

Root, J. R. (2020–2021). *Assistant/Associate Visual Disabilities Search Committee Member*.
Florida State University.

Root, J. R. (2020–2021). *Specialized Faculty in Visual Disabilities Search Committee Member*.
Florida State University.

Root, J. (2017). *Assistant/Associate Autism Spectrum Disorder Search Committee Member*.
Florida State University.