

ECI Library Matters

Child and Brain Development

This issue features library resources on Child and Brain development. Abstracts of journal articles on this ECI topic are also included. For a complete listing of library titles, go to the online library catalog at www.texashealthlibrary.com.

Library materials may be borrowed upon request. Electronic library materials may be accessed on any device with internet access. Please email any ECI library requests or questions to avlibrary@dshs.texas.gov.

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Selected Journal Abstracts

Core concepts and resources for community-based, developmental-behavioral screening. Macy, M., & Marks, K. P. (2024, March). *Young Exceptional Children*, 27(1), 29-41. Published online ahead of print Sept. 7, 2023. <https://doi.org/10.1177/10962506231194040>

Maria was 10 months old when her parents first noticed her development was different from her siblings. Maria was not yet starting to sit on the floor unsupported (i.e., without use of hands for support) like her brothers were by this same age. Maria attended a family in-home group setting 2 days a week, went to her Spanish-speaking grandmother's house 2 days a week, and in her own home with a babysitter 1 day a week while both of her immigrant parents worked lower-paying jobs. Her parents shared their concerns about her development with Maria's pediatrician and early childhood educator. Both professionals advised her family to "wait and see." Maria did not get a screening. Her development in motor areas continued to follow an atypical pattern. Her gross and fine motor skills were slow to develop during toddlerhood and preschool years. Maria and her family were not connected with child development services. When Maria was at the end of her kindergarten year, she was referred for an evaluation because her kindergarten teacher had developmental concerns that were corroborated by Maria's parents. Maria became eligible for special education services after an in-depth and comprehensive evaluation. By the time she got an individualized education program to meet her needs, Maria was in first grade.

Family functioning and child participation following early childhood traumatic brain injury. Hagen, E. B., Dart, L., Viola, N., Ciccia, A., & Lundine, J. P. (2025, May). *Topics in Early Childhood Special Education*, 45(1), 21-31. <https://doi.org/10.1177/02711214241290231>

Family functioning and child participation are critical factors in recovery from traumatic brain injury (TBI) and academic and social outcomes. Using mixed methods, we investigated these factors in children who experienced early childhood TBIs and then entered formal U.S. schooling. Caregivers completed interviews and scales of family functioning and child participation. Their scores did not reflect problematic family functioning, but showed participation across settings was below average. Themes from interviews included: (1) early childhood TBIs can affect family functioning even years after the injury; (2) learning, academic, and social-emotional issues impact participation and family functioning following early childhood TBI; and (3) appropriate supports and accessible environments are critical for both family functioning and child participation across settings. Mixed methods analyses indicated convergence, divergence, and expansion between qualitative and

quantitative results. Results enhance our understanding of challenges encountered after early childhood TBI and provide directions for future interventions.

Selected Journal Table of Contents

Topics in Early Childhood Special Education. Volume 45, Number 2: August 2025.

Future topics. p. 95.

Perspectives of early intervention program directors on provider retention efforts. p. 97-108. Yeager, K. H., Argus-Calvo, B., Mangadu, T., Thimbriel, R., & Lozano, E. E. C.

A survey and content analysis of the quality of behavior guidance policies in Tennessee early childhood programs. p. 109-121. Clayback, K. A., Yang, H., Domingo, M., Barton, E. E., & Hemmeter, M. L.

A systematic review of which families are represented in ECSE literature. p. 122-132. Adams, N. B., O'Grady, C. E., Chudzik, M., & Hunter, J.

Noncompliance assessments, interventions, and ethical considerations for young children: A systematic review. p. 133-145. Malone, E. J. & Zimmerman, K. N.

The critical role qualitative research plays in service to high quality mixed methods research. p. 146-154. Chudzika, M. & Corr, C.

Diaper need: It's time for a change in practice and policy. p. 155-163. Barreca, J.

Author guidelines. p. 164.

Young Exceptional Children. Volume 28, Issue 2; June 2025.

Hidden gems in your community: Learning landscapes supportive interactions and development. p. 75-85. Krippel, M. D., Bailey, K. M., & Ostrosky, M. M.

Engaging fathers in early care and early intervention. p. 86-97. An, Z. G., Hoffman, B., & Tomlin, B. H.

Developing shared understanding about caregiver coaching in early intervention: An individualized approach. p. 98-110. Williams, C. S., & O'Connor, T.

Searching for gold: How to find good evidence and resources for your practice? p. 111-125. Coogle, C. G., Tuck, K. N., Lane, J. D., & Riggleman, S.

DEC at the intersection: Polishing Young Exceptional Children: Honoring readers as jewels. p. 126. Ottley, J., Srinivasavaradan, D., Lee, K., Rausch, A., & Coogle, C.

New Audiovisuals

The characteristics of effective learning: An overview.

[Streaming](#) or DVD. 11 min. 2021. CPE=.25 (DD0856)

This video provides an overview of the characteristics of effective learning. Infants are natural learners that develop and learn using all five of their senses. This program explores how infants plan, solve problems, monitor their progress, alter plans, discard ideas, and review what they have learned.

Parenting BASICS: Emotional health and positive discipline: 1-year-olds, 2-year-olds.

DVD. 11 min. 2016. (DD0865; DD0866) (Spanish)

This film discusses emotional health and discipline topics for one-year-olds that includes toddler behavior, biting, hitting, and no spanking. It teaches parents how to nurture their child's behavior by using positive discipline and modeling. It discusses emotional health and discipline topics for two-year-olds including common behavior challenges, tantrums, and staying calm.

Parenting BASICS: Play and milestones: 1-year-olds, 2-year-olds.

DVD. 12 min. 2016. (DD0870, DD0871) (Spanish)

This film explores the physical, language, social, and thinking milestones for one-year-olds. They develop skills such as walking and climbing through movement, singing, pretending, playing games, and playing in parallel next to other children. This program also highlights play and milestones topics for two-year-olds, including: kicking, throwing, running, solving puzzles, using creativity, and forming sentences.

Parenting BASICS: Play and milestones: 1-year-olds. DVD. 11 min. 2016. (DD0869)

This film explores the physical, language, social, and thinking milestones for one-year-olds. They develop skills such as walking and climbing through movement, singing, pretending, playing games, and playing in parallel next to other children.

New Books

Early brain sprouts: From states to traits. Meena Chintapalli, 2017. (WS 103 C539 2017 ECI)

This book examines nurture through multisensory integration 0-3 years and even up to 5 years of life as essential to prevent behavior and learning disorders and health risk behaviors among youth.

Enhancing brain development in infants and young children: Strategies for caregivers and educators. Doris Bergen, 2020. CPE=3.25 (WL 300 B495 2020 ECI)

This book explains brain development from prenatal to age 8 with suggestions for activities educators and caregivers can use to foster children's cognitive growth. The authors begin with the basics of brain development, and the issues that affect it, and then provide information specific to infant, toddler, preschool, and kindergarten to primary age levels. Educational activities are described as they relate to physical, language, social, emotional, cognitive, and academic progress relevant to brain development at each age level.

New eBooks

My first five years: Baby: Everyday activities to support your baby's development. Alistair Bryce-Clegg, 2023.

This book breaks down the science of early childhood development into concise summaries, and includes easy, realistic ideas for play that make the most of development opportunities. The 60 activities are clearly set out with step-by-step instructions, lists of equipment, and benefits for your baby. It is divided into six streams of development – social and emotional, gross motor, fine motor, sensory, language and cognitive – and each chapter includes a summary of the underlying science followed by simple, fun play ideas you can do at home with your baby.

Selected Audiovisuals

Infant toddler learning environment. [Streaming](#) or DVD. 43 min. 2017. (DD0825)

Parenting BASICS: Emotional health and positive discipline: Birth-6, 7-12 months. [Streaming](#) or DVD. 9-10 min. 2016. (DD0736; DD0737)

Parenting BASICS: Emotional health and positive discipline: Birth-6, 7-12 months. DVD. 9-10 min. 2016. (DD0766; DD0767) (Spanish)

Parenting BASICS: Emotional health and positive discipline: 2-year-olds. [Streaming](#) or DVD. 11 min. 2016. (DD0844)

Parenting BASICS: Play and milestones: Birth-6, 7-12 months. DVD. 10-11 min. 2016. (DD0740; DD0741)

Parenting BASICS: Play and milestones: 2-year-olds. [Streaming](#) or DVD. 12 min. 2016. (DD0848)

Resilience: The biology of stress and the science of hope. (English/Spanish) DVD. 60 min. 2016. (DV1395)

Continuing Professional Education Resources

Don't let common pediatric symptoms fool you. DVD. 394 min. 2019. CPE=6.5 (DD0853)

Life with baby: Parenting from birth to 12 months. DVD. 24 min. 2019. CPE=0.5 (DD0824)

The moving child film III: Developmental movement in the first years. DVD. 60 min. 2019. CPE=1 (DD0838)

Nurturing personal, social, and emotional development in early childhood: A practical guide to understanding brain development and young children's behaviour. Debbie Garvery, 2018. CPE=7 (WS 105.5 E5 G244 2018 ECI)

Planning in the moment with young children: A practical guide for early years practitioners and parents. Anna Ephgrave, 2018. CPE=4 (LB 1139 E63 2018 ECI)

The toddler brain: Nurture the skills today that will shape your child's tomorrow: The surprising science behind your child's development from birth to age 5. Laura A. Jana, 2017. CPE=7 (WS 103 J33 2017 ECI)

Watch us grow! Scenes from Highscope infant-toddler programs. DVD. 171 min. 2017. CPE=2.75 (DD0842)

Working well with babies: Comprehensive competencies for educators of infants and toddlers. Clare D. Vallotton, 2021. CPE=5.75 (LB 1139.23 V193 2021 ECI)

Selected eBooks

Baby and toddler basics: Expert answers to parents' top 150 questions. Tanya Remer Altmann, 2023.

This easy-to-use guide offers parents the advice they need for pressing baby and toddler health and development concerns - fast! Topics covered include breastfeeding, baby care, developmental stages, first aid and injuries, sleep, vaccines, and more. This new edition is fully revised and updated and includes COVID-19 information, new fever guidelines, and reflects all current American Academy of Pediatrics policy.

Caring for our children: National health and safety performance standards guidelines for early care and education programs, 4th ed. 2019.

The fourth edition contains guidelines on the development and evaluation of the health and safety of children in early care and education settings. This guide features 10 chapters of more than 650 standards and dozens of appendixes with valuable supplemental information, forms, and tools.

Guidance for every child: Teaching young children to manage conflict. Daniel Gartrell, 2017.

Using contemporary brain research, vignettes, and discussion questions, this book provides readers with tools and strategies to reduce the increasing expulsion rates in early childhood, understand how stress effects children's self-regulation, and help even the most at-risk children thrive.

Quirky kids: Understanding and supporting your child with developmental differences, 2nd ed. Perri Klass, 2021.

This book includes information about therapeutic interventions, managing co-morbidities, and getting support for children with developmental differences at school. Additional information covers community resources, initiatives at hospitals, clinics, and even theme parks, that make life easier for children with developmental differences and their families. It also provides a strong focus on self-care for parents, with the pediatrician's perspective of supporting families as they go through the diagnostic process over time.

Retro baby: Timeless activities to boost development - without all the gear! 2nd ed. Anne H. Zachry, 2022.

This book shows how bouncers, swings, and other baby holders, as well as electronic toys and screen time, can hinder a baby's development and delay milestones. It cultivates a back-to-basics parenting approach, featuring ideas for hands-on activities, instructions for homemade toys, and plenty of encouragement for one-on-one playtime with baby. It promotes ways to save money, reduce household clutter, and boost development and bonding.

Retro toddler: More than 100 old-school activities to boost development. Anne H. Zachry, 2018.

Research shows that the best way for toddlers to learn is through daily, active play and this book offers more than 100 fun, age-appropriate, "old-school" toddler activities that promote the development of language, motor and social skills. It includes detailed instructions for developmentally stimulating, screen-free toys that parents and toddlers can make together out of everyday household items.

Your baby's first year. Tanya Almann, 2020.

This book offers guidance on all aspects of newborn and infant care. Including guidelines for prenatal and newborn care, encompassing screening tests during pregnancy, it outlines milestones for physical, emotional, social, and cognitive growth, alongside visual, hearing, language, and movement milestones. It presents research on early brain development and insights into how babies and young children think. Additionally, it serves as a complete health encyclopedia addressing injuries, illnesses, and congenital diseases, and features an in-depth discussion on breastfeeding, including its benefits, techniques, and challenges.

Selected Websites

[The American Academy of Pediatrics \(AAP\)](#) has created an [AAP Parenting Website](#) for parents with trusted advice on how to care for infants and children. Also available in [Spanish](#).

[The National Center on Birth Defects and Developmental Disabilities "Learn the Signs. Act Early." program](#) encourages parents and providers to learn the signs of healthy development, monitor every child's early development, and act when there is a concern. It provides free checklists and other tools to make developmental monitoring practical and easy. Also available in [Spanish](#).

[Supporting Child's Development](#) is a guide offered by [ChildCare.gov](#) that provides information for parents with links to resources for the care of the whole child.

[The Federal Interagency Forum on Child and Family Statistics](#) is a collection of 23 federal government agencies involved in research and activities related to children and families. Its goal is to enhance and improve consistency in the collection and reporting of federal data on children and families.

[The Hanen Centre](#) is a nonprofit organization that provides free helpful information for parents, ECI professionals and staff in language acquisition.

[Infant and Newborn Development: MedlinePlus](#) and [Toddler Development: MedlinePlus](#), provided by the [National Library of Medicine](#), offer information on young children and their development.

[MedlinePlus Child Development](#), also provided by the [National Library of Medicine](#), lists links to extensive full-text information from the [National Institutes of Health](#) and other trusted sources.

[Texas Health and Human Services Early Childhood Intervention](#) is a statewide program for families with children birth to age 3 with developmental delays, disabilities, or medical diagnoses that may affect development.

[Texas Parent to Parent](#) provides support and information for families of children with disabilities, chronic illness, and other special needs.

Useful Library Information

HHSC ECI Website
ECI Library Matters

Library Website
Library Catalog

Texas Department of State Health Services ECI Library Services

Email: avlibrary@dshs.texas.gov

Phone: 512-776-7260

Toll-free: 1-888-963-7111 ext. 7260

Fax: 512-776-7474

Hours: Monday-Friday, 7:30 a.m.-5 p.m.

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