

JUDITH J. CARTA

BUSINESS ADDRESS

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EDUCATION

Post-Doctoral Fellowship in Research with Children with Disabilities from Diverse Cultural Backgrounds-1984
Juniper Gardens Children's Project, University of Kansas

Ph.D. - Special Education - 1983
Major: Special Education/Early Childhood
Minor: Research in Human Development
University of Kansas; Lawrence, Kansas

M.S. - Human Development - 1974
Major: Child Psychology
Minor: Language Development & Disorders
Purdue University; West Lafayette, Indiana

B. A. - Psychology
Bradley University; Peoria, Illinois - 1972

CURRENT POSITION TITLES

Senior Scientist, Schiefelbusch Institute for Life-Span Studies, University of Kansas,
Lawrence, KS

Professor, (with tenure) Department of Special Education, University of Kansas,
Lawrence, Kansas

RESEARCH INTERESTS

Early intervention for children growing up in poverty; interventions for preventing and reducing harsh parenting and child maltreatment; improving language and social outcomes for children affected by multiple environmental risks; classroom interventions that support young children's early literacy and social development, hierarchical approaches to intervention for young children and their families (Multi-Tiered Systems of Support); progress monitoring of infants and young children; observational approaches for measuring quality of caregiving environments and interactions; methods for promoting family involvement in early intervention programs

PROFESSIONAL EXPERIENCE:

1972-1974	Graduate Research Assistant, Department of Human Development, Purdue University, West Lafayette, Indiana
1974-1976	Research Assistant, Department of Special Education and Center on Human Development, University of Oregon, Eugene, Oregon
1977	Instructor, Department of Education, Alma College, Alma, Michigan
1977-1978	Research Assistant, Field Service Unit in Physical Education and Recreation for the Handicapped, Michigan State University, East Lansing, Michigan
1978-1981	Doctoral Research Fellow, Department of Special Education and Bureau of Child Research, University of Kansas, Lawrence, Kansas
1981-1983	Director, High-Risk Preschool, University of Kansas Medical Center Kansas City, Kansas
1982-1984	Instructor, Child Development, Johnson County Community College, Overland Park, Kansas
1983-1984	Post-Doctoral Fellow, Juniper Gardens Children's Project, Bureau of Child Research, University of Kansas
1984-1991	Research Associate, Bureau of Child Research and Department of Special Education, University of Kansas, Lawrence, Kansas
1991-1996	Associate Scientist, Schiefelbusch Institute for Life-Span Studies
1991-2000	Director, Early Childhood Research Institute on Substance Abuse
1996-present	Senior Scientist, Schiefelbusch Institute for Life-Span Studies
2003-present	Professor-Department of Special Education, University of Kansas
2008-2015	Co-Director, Center for Response to Intervention in Early Childhood
2014-present	Director, Bridging the Word Gap National Research Network

CERTIFICATION: Early Childhood/Special Education, 1981, State of Kansas

MEMBERSHIP IN PROFESSIONAL SOCIETIES:

Council for Exceptional Children
Division of Early Childhood

Society for Research in Child Development

SELECTED HONORS

- 1996 Co-Recipient of the Annual Research Award, Council for Exceptional Children, Juniper Gardens Children's Project
- 2003-2004 Carol Hansen Visiting Scholar, Iowa State University
- 2003-2004 Visiting Scholar Bowie State University
- 2007 Kansas Division of Early Childhood, Award of Excellence
- 2007 Division of Early Childhood, Council for Exceptional Children, Mary McEvoy Service to the Field Award
- 2009-2011 Program Chair, Conference on Research Innovation in Early Intervention
- 2010-2014 Member of Federal Advisory Panel on Head Start Research and Evaluation (appointed by Kathleen Sebelius, Secretary of Department of Health and Human Services)
- 2011-2012 Member of the Planning Board for the Head Start Research Conference
- 2012-2103 Member of the Division of Early Childhood Recommended Practice Commission
- 2012-2013 University of Kansas Leading Light Award for Researchers Receiving More than 1 million dollars in external funding awards
- 2014 Bradley University Centurion Award given to Bradley University alumni who have brought national and international credit to the University

PUBLICATIONS:

A. Journal Articles--Peer Reviewed

- Carta, J. J.**, & Greenwood, C. R. (1985). Ecobehavioral assessment: A methodology for expanding the evaluation of early intervention programs. *Topics in Early Childhood Special Education, 5*, 88-104.
- Delquadri, J., Greenwood, C. R., Whorton, D., **Carta, J.**, & Hall, R. V. (1986). Classwide peer tutoring. *Exceptional Children, 52*, 535-542.
- Carta, J. J.**, & Greenwood, C. R. (1987). Process-product analysis: An approach for studying critical variables in early intervention. *Journal of the Division of Early Childhood, 12*, 85-91.
- Greenwood, C. R., Dinwiddie, G., Bailey, V., **Carta, J. J.**, Dorsey, D., Kohler, F., Nelson, C., Rotholz, D., & Schulte, D. (1987). Field replication of classwide peer tutoring. *Journal of Applied Behavior Analysis, 20*, 151-160.

Carta, J. J., & Greenwood, C. R. (1988). Reducing academic risks in inner-city classrooms. *Youth Policy, 10*(7), 16-18.

Greenwood, C. R., **Carta, J. J.**, Whorton, D., & Hall, R. V. (1988). The use of peer tutoring strategies in classroom management and instruction. *School Psychology Review, 17*, 257-275.

Carta, J. J., & Greenwood, C. R. (1989). Establishing the integrity of the independent variable in early intervention programs. *Early Education and Development, 1*, 125-140.

Carta, J. J., Atwater, J. B., Schwartz, I. S., & Miller, P. A. (1990). Applications of ecobehavioral analysis to the study of transitions across early education settings. *Education and Treatment of Children, 13*, 298-315.

Carta, J. J. (1991). Education for young children in inner-city classrooms. *American Behavioral Scientist, 34*, 440-453.

Carta, J. J., Schwartz, I. S., Atwater, J. B., & McConnell, S. R. (1991). Developmentally appropriate practice: Appraising its usefulness for young children with disabilities. *Topics in Early Childhood Special Education, 11*, 1-20.

Greenwood, C. R., **Carta, J. J.**, Arreaga-Mayer, C., & Rager, A. (1991). The behavior analyst consulting model: Identifying and validating naturally effective instructional models. *Journal of Behavioral Education, 1*, 165-191.

Greenwood, C. R., **Carta, J. J.**, & Atwater, J. B. (1991). Ecobehavioral analysis in the classroom: Review and implications. *Journal of Behavioral Education, 1*, 59-77.

Schwartz, I. S., **Carta, J. J.**, & Atwater, J. B. (1991) Bridging the research-to-practice gap in early intervention: Identifying problems, finding solutions. *National Forum of Special Education Journal, 2*(2), 3-13.

Strain, P., McConnell, S. R., **Carta, J. J.**, Neisworth, J., Fowler, S., & Wolery, M. (1992). Behaviorism and early intervention. *Topics in Early Childhood Special Education, 12*(1), 121-141.

Greenwood, C. R., **Carta, J. J.**, Hart, B., Kamps, D., Terry, B., Arreaga-Mayer, C., Atwater, J., Walker, D., Risley, T., & Delquadri, J. (1992). Out of the laboratory and into the community: 26 years of applied behavior analysis at the Juniper Gardens Children's Project. *American Psychologist, 47*, 1464-1474.

Bulgren, J. A., & **Carta, J. J.** (1993). Examining the instructional contexts of students with learning disabilities. *Exceptional Children, 59*, 182-192.

- Carta, J. J.**, Atwater, J. B., Schwartz, I. S., & McConnell, S. R. (1993). Developmentally appropriate practice and early childhood special education: A reaction to Johnson & McChesney Johnson. *Topics in Early Childhood Special Education*, 13(3), 243-254.
- Connell, M., **Carta, J. J.**, & Baer, D. (1993). Programming generalization of in-class transition skills: Teaching preschoolers with developmental delays to self-assess and recruit contingent teacher praise. *Journal of Applied Behavior Analysis*, 26, 345-352.
- Greenwood, C. R., Finney, R., Terry, B., Arreaga-Mayer, C., **Carta, J. J.**, Delquadri, J., Walker, D., Innocenti, M., Lignugaris-Kraft, J., Harper, G. F., & Clifton, R. (1993). Monitoring, improving, and maintaining quality implementation of the classwide peer tutoring program using behavior and computer technology. *Education and Treatment of Children*, 16, 19-47.
- Carta, J. J.**, Sideridis, G., Rinkel, P., Guimaraes, S., Greenwood, C., Baggett, K., Peterson, P., & Atwater, J. (1994). Behavioral outcomes of infants and young children prenatally exposed to illicit drugs: A review and analysis of the experimental literature. *Topics in Early Childhood Special Education*, 14, 184-216.
- Greenwood, C. R., Arreaga-Mayer, C., & **Carta, J. J.** (1994). Identification and translation of effective, teacher-developed instructional procedures for general practice. *Remedial and Special Education*, 15, 140-151.
- Greenwood, C. R., **Carta, J. J.**, Kamps, D., Terry, B., & Delquadri, J. (1994). Development and validation of standard classroom observation systems for school practitioners: Ecobehavioral Assessment Systems Software (EBASS). *Exceptional Children*, 61, 197-210.
- Walker, D., Greenwood, C. R., Hart, B., & **Carta, J. J.** (1994). Improving the prediction of early school academic outcomes using socioeconomic status early language production. *Child Development*, 65, 606-621.
- Greenwood, C. R., Walker, D., Kamps, D., Arreaga-Mayer, C., & **Carta, J. J.** (1995). Post-doctoral fellowship at the Juniper Gardens Children's Project: Development of research leadership in special education. *Teacher Education and Special Education*, 18, 205-217.
- Hanson, M. J., & **Carta, J. J.** (1995). Addressing the challenges of families with multiple risks. *Exceptional Children*, 62, 201-212.
- Schwartz, I. S., **Carta, J. J.**, & Grant, S. (1996) Examining the use of recommended language intervention practices in early childhood special education classrooms. *Topics in Early Childhood Special Education*, 16(2), 251-272.
- Williams, R. C., & **Carta, J. J.** (1996). Behavioral outcomes of young children with prenatal exposure to alcohol: Review and analysis of experimental literature. *Infants and Young Children*, 8(4), 16-28.

- Carta, J. J.**, Atwater, J. B., Greenwood, C. R., McConnell, S. R., McEvoy, M., & Williams, R. (2001). Effects of cumulative prenatal substance exposure and environmental risks on children's developmental trajectories. *Journal of Clinical Child Psychology, 30*, 327-337.
- Luze, G. J., Linebarger, D., Greenwood, C. R., **Carta, J. J.**, Walker, D., Leitschuh, C. & Atwater, J. B. (2001). Developing a general outcome measure of growth in expressive communication of infants and toddlers. *School Psychology Review, 30*, 393-416.
- Priest, J. S., McConnell, S. R., Walker, D. **Carta, J. J.**, Kaminski, R. A., McEvoy, M. A., Good, R. H., III, Greenwood, C. R., & Shinn, M. R. (2001). General growth outcomes for young children: Developing a foundation for continuous progress measurement. *Journal of Early Intervention, 24*, 163-180.
- Carta, J. J.**, Greenwood, C.R., Walker, D., Kaminski, R., Good, R., McConnell, S. R., & McEvoy, M.A. (2002). Individual Growth and Development Indicators (IGDIs): Assessment that guides intervention for young children. In M. Ostrosky & E. Horn (Eds.). *Assessment: Gathering meaningful information. The Young Exceptional Children Monograph Series #4*, 15-28.
- McConnell, S. R., Rush, K. L., McEvoy, M. A., **Carta, J. J.**, Atwater, J., & Williams, R. (2002). Descriptive and experimental analysis of child-caregiver interactions that promote development of young children exposed prenatally to drugs and alcohol. *Journal of Behavioral Education, 11*, 131-161.
- Raikes, H., Love, J.M., Kisker, E. E., Chazan-Cohen, R., Tarullo, L.B., Jerald, J., Staker, M., & **Carta, J.** (2002). Early Head Start Research-Program Partnerships. *The Evaluation Exchange Newsletter, Spring Issue*.
- Carta, J. J.**, Greenwood, C. R., Luze, G. J., Cline, G., & Kuntz, S. (2004). Developing a general outcome measure of growth in social skills for infants and toddlers. *Journal of Early Intervention, 26*, 91-114.
- Peterson, P., **Carta, J. J.**, & Greenwood, C. R. (2005). The effects of teaching enhanced milieu language teaching skills to parents in multiple risk families. *Journal of Early Intervention, 27*, 94-109.
- Greenwood, C. R., Walker, D., **Carta, J. J.**, & Higgins, S. (2006). Developing a general outcome measure of growth in the cognitive abilities of children 1 to 4 years old: The Early Problem-Solving Indicator. *School Psychology Review, 35*, 535-551.
- Greenwood, C. R., **Carta, J. J.**, Walker, D., Hughes, K., & Weathers, M. (2006). Preliminary investigations of the application of the Early Communication Indicator (ECI) for infants and toddlers. *Journal of Early Intervention, 28*, 178 -196.

- Baggett, K.M., & **Carta, J. J.** (2006). Using assessment to guide social-emotional intervention for very young children: An individual growth and development indicator (IGDI) of parent-child interaction. *Young Exceptional Children Monograph Series, 8*, 67-76.
- Bailey, D. B., Bruder, M.B., Hebbeler, K., **Carta, J.**, Defosset, M., Greenwood, C., et al. (2006). Recommended outcomes for families of young children with disabilities. *Journal of Early Intervention, 28*, 227-243.
- Wall, S. M., Kisker, E. E., Peterson, C. A., **Carta, J. J.** & Jeon, H. J. (2006). Child care for low-income children with disabilities: Access, quality and parent satisfaction. *Journal of Early Intervention, 28*, 283-297.
- Dunlap, G., Strain, P., Fox, L., **Carta, J.**, Conroy, M., Smith B. et al. (2007). Prevention and intervention with young children's challenging behavior: A summary of current knowledge. *Behavior Disorders, 32*, 129-145.
- Guerrero, J. & **Carta, J.** (2007). Assessing Vocabulary and the Bilingual Environment in Young Latino Children. *ASHA Division 14, Communication Disorders and Sciences in Culturally and Linguistically Diverse Populations Newsletter*.
- Walker, D., **Carta, J. J.**, Greenwood, C. R., & Buzhardt, J. F. (2008) The use of individual growth and developmental indicators for progress monitoring and intervention decision making in early education. *Exceptionality: A Special Education Journal, 16*, 33 – 47.
- Missall, K., **Carta, J.**, McConnell, S., Walker, D., & Greenwood, C. (2008) A General Outcomes Approach to Measuring Early Language and Literacy. *Infants and Young Children, 21*, 241-253.
- Bigelow, K., **Carta, J.**, & Lefever, J. B. (2008). Txt u ltr: Using cellular phone technology to enhance a parenting intervention for families at risk for neglect. *Child Maltreatment, 13*, 362-367.
- Feil, E. G., Baggett, K. M., Davis, B., Sheeber, L., Landry, S., & **Carta J.** (2008). Expanding the reach of preventive interventions to reduce child maltreatment: Development and pilot testing of an Internet-based training program for parents of infants. *Child Maltreatment, 13*, 334-346.
- Baggett, K.M., Feil, E. G., Davis, B., Sheeber, L., Landry, S., **Carta, J.**, & Leve, C. (2010). Technologies for expanding the reach of evidence-based interventions: Preliminary results for promoting social-emotional development in early childhood. *Topics in Early Childhood Special Education, 29*, 226-238.
- Buzhardt, J., Greenwood, C., Walker, D., **Carta, J.**, Terry, B., Garrett, M. (2010). Web-based tools to support the use of infant and toddler IGDI for early intervention decision-making. *Topics in Early Childhood Special Education, 29*, 201-215.

- Domian, E. W., Baggett, K. M., **Carta, J. J.**, Mitchell, S., & Larson, E. (2010), Populations at risk across the lifespan: Factors influencing mothers' abilities to engage in a comprehensive parenting intervention program. *Public Health Nursing, 27*, 399-407. doi: 10.1111/j.1525-1446.2010.00872.
- Fox, L., **Carta, J.**, Strain, P., Dunlap, G., Hemmeter, M. L. (2010). Response to Intervention and the Pyramid Model. *Infants and Young Children, 23*, 3-13.
- Jeon, H. J., Clawson, C., Peterson, C., Luze, G., **Carta, J.**, & Atwater, J. (2010). Children's individual experiences in early care and education: Relations with overall classroom quality and children's school readiness. *Early Education and Development, 6*, 912-939.
- Buzhardt, J, Greenwood, C. R., Walker, D., Anderson, R., Howard W., & **Carta, J.** (2011). Effects of web-based support on Early Head Start home visitors' use of evidence-based intervention decision making and growth in children's expressive communication. *NHSA Dialogue: A Research-to-Practice Journal for the Early Childhood Field, 14*, 121-146.
- Jeon, H. J., Peterson, C., Wall, S., **Carta, J.**, Luze, G., Eshbaugh, E., & Swanson, M. (2011). Predicting school readiness at kindergarten entry for low-income children with disability risks identified early. *Exceptional Children, 77*, 435-452.
- Eshbaugh, E., Peterson, C., Wall, S., **Carta, J.**, Luze, G., Swanson, M., & Jeon, H. J. (2011). Low-income parents' warmth and parent-child activities for children with disabilities, suspected delays, and biological risks. *Infant and Child Development, 20*, 509-524.
- Greenwood, C. R., **Carta, J.**, Atwater, J., Goldstein, H., Kaminski, R., & McConnell, S. R. (2012). Is a response to intervention (RTI) approach to preschool language and early literacy instruction needed? *Topics in Early Childhood Special Education, 33*(1), 48-64.
- Kong, N., & **Carta, J.** (2013). Research synthesis of studies on responsive interaction intervention for children with or at risk for developmental delays. *Topics in Early Childhood Special Education, 33*, 4-17.
- Carta, J., Lefever, J., Bigelow, K., Borkowski, J., & Warren, S. (2013). Randomized trial of a cellular-phone enhanced home visitation parenting intervention. *Pediatrics, 132*, Suppl 2, 167-73. Doi:10.154/peds.2013-1021Q.
- Lefever, J., Bigelow, K., **Carta, J.**, & Borkowski, J. (2013). Prediction of early engagement and completion of a home visitation parenting intervention for preventing child maltreatment. *NHSA Dialogue: A Research-to-Practice Journal for the Early Childhood Field, 16*, 1-19.
- Guttentag, C.L., Landry, S.H., Baggett, K.M., Noria, C.W., Borkowski, J.G., Swank, P.R., Williams, J.M., Farris, J.R., Crawford, A., Lanzi, R.G., **Carta, J.J.**, Warren, S.F., & Ramey, S.L. (2015). "My Baby & Me": Effects of an early, comprehensive parenting intervention on at-risk mothers and their children. *Developmental Psychology, 50*, 1482-1496.

Carta, J. J., Greenwood, C. R., Atwater, J., McConnell, S. R., Goldstein, H., & Kaminski, R. (2015). Identifying preschool children for higher tiers of language and early literacy instruction within a Response to Intervention framework. *Journal of Early Intervention*, 36, 281-291. doi: 10.1177/1053815115579937

Greenwood, C. R., Carta, J. J., Goldstein, H., Kaminski, R., McConnell, S. R., & Atwater, J. (2015). The Center on Response to Intervention in Early Childhood (CRTIEC): Developing evidence-based tools for a multi-tier approach to preschool language and early literacy instruction. *Journal of Early Intervention*, 36, 281-291. doi: 10.1177/1053815115581209.

B. Journal Articles (Invited)--Not Peer-Reviewed

Greenwood, C. R., & **Carta, J. J.** (1987). An ecobehavioral analysis of instruction within special education. *Focus on Exceptional Children*, 19, 1-12. Reprinted in E. L. Meyen, G. A. Vergason, & R. J. Whelan (Eds.) (1988), *Effective instructional strategies for exceptional children* (pp. 505-521). Denver, CO: Love Publishing.

Carta, J. J., & Greenwood, C. R. (1989). Concluding remarks. In C. R. Greenwood (Ed.), Special Issue Devoted to the Juniper Gardens Children's Project, *Education and Treatment of Children*, 12, 425-428.

Greenwood, C. R., **Carta, J. J.**, Hart, B., Thurston, L., & Hall, R. V. (1989). A behavioral approach to research on psychosocial retardation. In C. R. Greenwood (Ed.), Special Issue Devoted to the Juniper Gardens Children's Project, *Education and Treatment of Children*, 12, 330-346.

Kamps, D., **Carta, J.**, Delquadri, J., Arreaga-Mayer, C., Terry, B., & Greenwood, C. R. (1989). School-based research and intervention. In C. R. Greenwood (Ed.), Special Issue Devoted to the Juniper Gardens Children's Project, *Education and Treatment of Children*, 12, 359-390.

Kamps, D., **Carta, J.**, Delquadri, J., Arreaga-Mayer, C., Terry, B., & Greenwood, C. R. (1989). School-based research and intervention. *Education and Treatment of Children*, 12, 359-390.

Carta, J. J. (1994). Developmentally appropriate practice: Shifting the emphasis to individual appropriateness. *Journal of Early Intervention*, 18, 342-343.

Carta, J. J. (1995). Developmentally appropriate practice: A critical analysis as applied to young children with disabilities. *Focus on Exceptional Children*, 27(8), 1-14.

McEvoy, M. A., Priest, J. S., Kaminski, R. A., **Carta, J. J.**, Greenwood, C. R., McConnell, S. R., Good, R. H., III, Walker, D. & Shinn, M. R. (2001). General growth outcomes: Wait! There's more! *Journal of Early Intervention*, 24, 191-192.

Carta, J. (2002). An Early Childhood Special Education Research Agenda in a Culture of Accountability for Results. *Journal of Early Intervention, 25*, 102-104.

Buzhardt, J., Walker, D., Greenwood, C.R., & **Carta, J.** (2011). A study of an online tool to support evidence-based practices for infants and toddlers, *NHSA Dialogue: A Research-to-Practice Journal for the Early Childhood Field, 14*, 151-156.

Greenwood, C. R., Bradfield, T., Kaminski, R., Linas, M., **Carta, J.** & Nylander, D., (2011). The response to intervention approach in early childhood. *Focus on Exceptional Children, 43*(9) 1-22.

Greenwood, C., **Carta, J.**, & McConnell, S. (2011). Advances in measurement for universal screening and progress monitoring of young children. *Journal of Early Intervention, 33*, 254-267.

Bigelow, K., Lefever, J., **Carta, J.**, & Borkowski, J. (2013). Enhancing parent engagement and program completion in a home visiting parenting intervention through the use of cellular phones. *NHSA Dialogue: A Research-to-Practice Journal for the Early Childhood Field, 16*, 172-177.

C. Journal Articles—Under Review

Greenwood, C. R., **Carta, J. J.**, (under review). The effects of a tier 2 vocabulary and comprehension storybook intervention on preschool children's early learning: A replication. *Topics in Early Childhood Special Education*. Manuscript submitted for publication.

Greenwood, C.R., Carta, J. J., Atwater, J., Goldstein, H., Kaminski, R., McConnell, S. R. (under review.) Connections between preschool core language and early literacy skills. *Early Childhood Research Quarterly*. Manuscript submitted for publication.

D. Chapters in Books

Greenwood, C. R., Schulte, D., Dinwiddie, G., Kohler, F., & **Carta, J. J.** (1986). Assessment and analysis of eco-behavioral interaction. In R. Prinz (Ed.), *Advances in behavioral assessment of children and families* (Vol. 2, pp. 69-98). Greenwich, CT: JAI.

Carta, J. J., Greenwood, C. R., & Robinson, S. (1987). Application of an eco-behavioral approach to the evaluation of early intervention programs. In R. Prinz (Ed.), *Advances in the behavioral assessment of children and families* (Vol. 3, pp. 123-155). Greenwich, CT: JAI Press. Also see ERIC (ED 276-217)(EC 190 983).

Carta, J. J., Sainato, D. M., & Greenwood, C. R. (1988). Advances in the ecological assessment of classroom instruction for young children with handicaps. In S. L. Odom & M. B. Karnes (Eds.), *Early intervention for infants and young children with handicaps: An empirical base* (pp. 217- 239). Baltimore: Paul Brookes.

- Greenwood, C. R., **Carta, J. J.**, & Kamps, D. (1990). Teacher versus peer-mediated instruction. In H. Foot, M. Morgan, & R. Shute (Eds.), *Children helping children* (pp. 177-206). Chichester, Sussex, England: John Wiley & Sons Limited.
- Greenwood, C. R., **Carta, J. J.**, Kamps, D., & Arreaga-Mayer, C. (1990). Ecobehavioral analysis of classroom instruction. In S. Schroeder (Ed.), *Ecobehavioral analysis and developmental disabilities: The twenty-first century* (pp. 33-63). New York: Praeger.
- Greenwood, C. R., Maheady, L., & **Carta, J. J.** (1991). Peer tutoring in the regular education classroom. In G. Stoner, M. R. Shinn, & H. M. Walker (Eds.), *Interventions for achievement and behavior problems* (pp. 179-200). Washington, DC: National Association of School Psychologists.
- Carta, J. J.** (1992). Education for young children in inner-city classrooms. In T. Thompson & S. Hupp (Eds.), *Saving children at risk: Poverty and disabilities* (pp. 71-86). Newbury Park, CA: Sage Publications.
- Sainato, D. M., & **Carta, J. J.** (1992). Classroom influences on the development of social competence of preschool children with disabilities: Ecology, teachers, and peers. In S. L. Odom, S. R. McConnell, & M. A. McEvoy (Eds.), *Social competence of young children with disabilities: Issues and strategies for intervention*. Baltimore: Paul Brookes.
- Arreaga-Mayer, C., **Carta, J. J.**, & Tapia, Y. (1994). Ecobehavioral assessment of bilingual special education settings: The opportunity to respond. In R. Gardner, III, D. M. Sainato, T. E. Heron, W. L. Heward, J. W. Eshleman, & T. A. Grossi (Eds.), *Behavior analysis in education: Focus on measurably superior instruction*. (pp. 225-239). Pacific Grove, CA: Brookes/Cole.
- Arreaga-Mayer, C., **Carta, J. J.**, & Tapia (1994). Ecobehavioral assessment: A new methodology for evaluating instruction for exceptional culturally and linguistically diverse students. *Division of Diverse Exceptional Learner (DDEL): Monograph 1*. Reston, VA: Council for Exceptional Children.
- Atwater, J. B., **Carta, J. J.**, Schwartz, I. S., & McConnell, S. R. (1994). Blending developmentally appropriate practice and early childhood special education: Redefining best practice to meet the needs of all children. In B. L. Mallory & R. S. New (Eds.), *Diversity in early childhood education: A call for more inclusive theory, practice, and policy* (pp. 185-201). Teachers College Press.
- Atwater, J. B., Orth-Lopes, L., Elliott, M., & **Carta, J. J.** (1994). Completing the circle: Planning and implementing transitions to other programs. In M. Wolery & J. Wilbers (Eds.), *Including children with special needs in preschool programs: Research and implications for practice* (pp. 167-188). National Association for the Education of Young Children.

- Bulgren, J. A., & **Carta, J. J.**, (1994). Examining the instructional contexts of students with learning disabilities. In K. L. Freiberg (Ed.) *Educating exceptional children* (Seventh Edition) (pp. 98-105). Guilford, CT: Dushkin Publishing Group. (reprinted from *Exceptional Children*, December, 1992)
- Carta, J. J.** (1995). Perspectives on educating young children prenatally exposed to illegal drugs. In W. L. Heward (Ed.) *Exceptional children: An introduction to special education* (Fifth Edition) (pp. 646-647). Englewood Cliffs, NJ: Merrill.
- Carta, J. J.**, & Greenwood, C. R. (1997). Barriers to the implementation of effective educational practices for young children with disabilities. In J. L. Lloyd, E. Kamenui, & D. Chard (Eds.), *Issues in the education of students with disabilities* (pp. 261-275). New York: Erlbaum.
- Carta, J. J.**, McConnell, S. R., McEvoy, M. A., Greenwood, C. R., Atwater, J. B., Baggett, K. , & Williams, R. (1997). Developmental outcomes associated with *in utero* exposure to alcohol and other drugs. In P. Budetti & M. Haack (Eds.). *Drug-exposed children and their families: Public policy and public health*. New York: Springer Publishing.
- Carta, J. J.** (1997). Caregiving interventions for children affected by prenatal substance exposure. In M. Wolery & C. Dunst (Eds.). *Advances in early education and day care (Vol. 9): Family policy and practice in early child care*. Greenwich, CT: JAI Press.
- Greenwood, C.R., **Carta, J.J.**, & Dawson, H. (2000). Ecobehavioral assessment systems software. In T. Thompson, D. Felce, & F. J. Symons (Eds.), *Behavioral observation: Technology and applications in developmental disabilities* (pp. 61—70). Baltimore: Brookes
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- Carta, J.** (April, 2001). A General Outcomes Approach to Measuring Development of Expressive Communication in Infants and Toddlers. In S. R. McConnell (Chair). *New developments in assessment for infants and young children*. Symposium conducted at the Society for Research in Child Development. Minneapolis, MN.
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- Carta, J.,** & Staker, M. (November, 2002). The Early Head Start Evaluation: The Role of Local Program-Research Partnerships. In B. Green (Chair). *Evaluating Early Head Start: A federal initiative to enhance evaluation by supporting research partnerships*. American Evaluation Association.
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- Carta, J. J.,** & Luze, G. (April, 2003). *Examining the Parenting Experiences of Low-Functioning Children in the Early Head Start Evaluation*. In E. Kisker (Chair). Children with disabilities in low-income families: A look at Early Head Start experiences and outcomes. Symposium presented at the Society for Research in Child Development Biennial Meeting, Tampa, FL.
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Carta, J. J. (April, 2005). Discussant for Paper Symposium with D. Spiker, M. Raspa, S. Mallik, A. Scarborough, & K. Hebbeler. *Improving outcomes for young children disabilities through early intervention: Program options and policy challenges* at the Society for Research in Child Development Biennial Meeting, Atlanta, GA.

Carta, J. J. (April, 2005). Discussant for Paper Symposium with M. O'Brien, C. D. Jones, and S. Bishop. *Autism and families: Sources and consequences of parental stress*. Panel presented at the Society for Research in Child Development Biennial Meeting, Atlanta, GA.

Carta, J., Lardieri, S., & Timm, M. (Feb, 2006). Examining the role of cumulative risk for children with challenging behaviors. Paper presented at the *Conference for Research Innovation in Early Intervention*. San Diego.

Carta, J. J., Walker, D., & Baggett, K. (June, 2006). *Early Communication Indicator*. Paper presented in Symposium Developing New Outcome Measures with Program Partners: Process, Procedures, Practicalities" at the Head Start Research Conference. Washington, DC.

Carta, J. J., & Staker, M. (June, 2006). Stages of partnership development with an Early Head Start partner. Presentation at the *Head Start National Research Conference*, Washington, DC.

Baggett, K. & **Carta, J.** (March, 2007). *Developing the Indicator of Parent-Child Interaction (IPCI)*. In *Measuring "Good Parenting" and Parent-Child Interactions: Diversity, Utility,*

Reliability, and Validity in New Measures. Paper Symposium at the *Society for Research in Child Development*, Boston.

Howard, K., Hughes, K, Schatz, J. **Carta, J.** Borkowski. J. (March, 2007). *Prenatal cumulative risks and maternal parenting during infancy: Precursors of early childhood neglect and developmental delays: The Parenting for the First Time Project*. Symposium presented at the Society for Research in Child Development Conference, Boston.

Carta, J., Abbott, M., Atwater, J., Staker, M., & Herring, A. (2008, February). *Early Reading First 2004-2007*. Poster resented at the Conference on Research Innovations in Early Intervention, San Diego, CA.

McConnell, S. R., **Carta, J., J.**, & Greenwood, C. R. (February, 2008). *Bringing Response to Intervention to Preschool: Bridging research and practice*. Panel presented at the Biannual Conference for Research Innovation in Early Intervention. San Diego, CA.

Lefever, J., **Carta, J.**, Bigelow, K., Self-Brown, S., Mattei, J., Borkowski, J. & Warren et al., (March, 2008). *Increasing engagement in parenting interventions through the use of cell phones*. Annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities. San Diego, CA.

Carta, J. J. & the Early Head Start Disability Workgroup. (June, 2008) What we've learned about children with disabilities in the Early Head Start National Research and Evaluation Project. In M. Woolverton (Chair). *Children with Disabilities in Head Start and Early Head Start*. Symposium presented at the *Head Start National Research Conference*. Washington, DC.

Carta, J. J., Ondersma, S., & Rheingold, K. (January, 2009). Enhancing prevention through the use of technology. Panel presented at the 23rd Annual San Diego International Conference on Child and Family Maltreatment. San Diego, CA.

Carta, J.J., Landry, S., Feil, E., Baggett, K., & Lefever, J. (April, 2009). New approaches for advancing parenting interventions to prevent child maltreatment. Symposium presented at the Society for Research in Child Development. Denver, CO.

Carta, J. J., Atwater, J., & Bradfield, T. (February, 2010). What's happening in Tier 1 early literacy instruction: Examining the foundation of RTI in pre-kindergarten. Panel presented at the Conference on Research Innovation in Early Childhood, San Diego, CA.

Baggett, K., **Carta, J.**, & Broyles, L. (May, 2010). Social-emotional development of infants and toddlers with and at-risk for disabilities: The Pyramid Model. Panel presented at the Birth-to-Three Institute, Washington, DC.

Carta, J., J., Atwater, J., & Greenwood, C. (October, 2010). Tier one instruction in early education classrooms: Implications for response to intervention. Panel presentation at the Division for Early Childhood Conference, Kansas City, MO.

- Carta, J. J.**, Buysse, J., Atwater, J., & Greenwood, C., Linas, M., & Forster, J. (May, 2011). Examining the Theory, Practice, and Policy for Implementing Response to Intervention (RTI) in Early Education. Symposium presented at the International Society of Early Intervention. New York, New York.
- Carta, J.**, Greenwood, C., McElhattan, T., Guerrero, G., Atwater, J., & the Center for Response to Intervention in Early Childhood. (February, 2012). How Do PreKindergarten Children with IEPs Fare in Early Literacy and Language? Presented at the Conference for Research Innovation in Early Intervention. San Diego, CA.
- Carta, J.**, Walker, D., Greenwood, C. R., & Buzhardt, J. (October, 2012). Progress Monitoring Measures for infants and toddlers to inform communication intervention practice. Panel presented at the Division of Early Childhood Conference, Minneapolis, MN.
- Greenwood, C., Spencer, E., Goldstein, H., & **Carta, J.** (October, 2012). Using programmatic research to develop feasible, effective language and early literacy interventions. Panel presented at the Division of Early Childhood Conference, Minneapolis, MN.
- Jeon, H. J., Peterson, C. A., Wall, S. Luze, G., **Carta, J.**, & Swanson, M. (October, 2012). Predicting academic, social, and emotional skills at grade 5 for low-income children identified as having early disability indicators. Poster presented at the Division of Early Childhood Conference, Minneapolis, MN.
- Knoche, L., Duran, L., LaForrett, D., & **Carta, J.** (October, 2012). Using data to make instructional decisions with dual language learners. Panel presented at the Division of Early Childhood Conference, Minneapolis, MN.
- Carta, J. J.**, Atkins-Burnett, S., Wackerle-Hollman, A., Squires, J., & Greenwood, C. R. (October, 2013). Opening the black box of individualization in programs for young children. Panel presented at the Division of Early Childhood Conference, San Francisco, CA.
- Kaminski, R., Greenwood, C. R., **Carta, J.**, Goldstein, H., & McConnell, S. (October, 2013). Center for Response to Intervention in Early Childhood: From research to practice-Lessons learned in early childhood RTI. Panel presented at the Division of Early Childhood Conference, San Francisco, CA.
- Carta, J.**, Fox, L., & McConnell, S. (Feb, 2014). Getting real: Lessons learned about feasibility and fidelity through statewide implementation of tiered models of support. Panel presented at the Conference for Research Innovation in Early Intervention, San Diego, CA.
- Clarke, B. L., Sheridan, S. M., Knoche, L. L., & **Carta, J.J.** (February, 2015). Preschool language and literacy: Pilot test of a multi-tiered approach. Paper presented at the National Association of School Psychologists Annual Convention, Orlando, FL.

Carta, J., Walker, D., Greenwood, C. & Larson, A. (October, 2015). Bridging the Word Gap Research Network: Collaborating to improve language outcomes. Panel presented at the Division of Early Childhood Conference, Atlanta, GA.

2. Invited Papers

Carta, J. J. (May, 1984, May). *Issues related to the ecobehavioral analysis of school problems of minority students.* Symposium on Evaluation and Interdisciplinary Research in Bilingual Education, Denver, CO.

Carta, J. J., & Greenwood, C. R. (1987, March). *How to measure change in preschool programs using an ecobehavioral approach.* Keynote address made at the XIX Banff International Conference on Behavioral Sciences, Early Intervention in the Coming Decade, Banff, Alberta, Canada.

Carta, J. J. (1988, July). *Using laptop computers for observational data collection.* Workshop presentation made at the Annual Project Directors' Meeting, Office of Special Education Programs, U.S.D.E., Washington, DC.

Carta, J. J. (1989, July). *Fidelity of treatment.* Workshop presentation made at the Annual Project Directors' Meeting, Office of Special Education Programs, U.S.D.E., Washington, DC.

Carta, J. J. (1989, October). *Early intervention with children in inner-city schools.* Invited Address at the Second Annual Conference on Developmental Disabilities sponsored by the University of Minnesota Institute for Disabilities Studies, Minnetonka, MN.

Carta, J. J. (1990, March). *Making better referrals: Detecting and describing children with special needs in early education programs.* Invited Presentation at the Annual Inservice Training Workshop for Headstart Providers, Kansas City, MO.

Carta, J. J., & Rinkel, P. (1990, April). *Young children at-risk: Drug-exposed, environmentally deprived, or medically fragile.* Invited Address for Kansas State Rehabilitation Service Foster Care Workers, Kansas City, KS.

Carta, J. J. (1990, July). *Developing observation systems.* Workshop presentation made at the Annual Project Directors' Meeting, Office of Special Education Programs, U. S. D. E., Washington, DC.

Rinkel, P., & **Carta, J. J.** (1990, August). *Alcohol and drug-affected preschoolers.* Invited Presentation at the Annual Headstart Inservice Training Meeting. Kansas City, MO.

Carta, J. J. (1991, July). *Ecological considerations in the education of young children with handicaps and their families.* Invited Address at the Louisiana Early Education Program Early Intervention Summer Institute. New Orleans, LA.

Carta, J. J. (1991, July). *Research careers*. Workshop presented at the Annual Project Directors' Meeting, Office of Special Education Programs, U. S. D. E., Washington, DC.

Jenkins, J., Kaiser, A., **Carta, J. J.** (1991, July). *Research on early childhood language program features*. Workshop presented at the Annual Project Directors' Meeting, Office of Special Education Programs, U. S. D. E., Washington, DC.

Carta, J., McEvoy, M., McConnell, S., Vincent, L., & Akasaki, S. (1992, January). *Implications of prenatal substance exposure for early intervention*. Invited panel presentation at the Early Education Programs for Children with Disabilities Project Director's Meeting. Baltimore, MD.

Carta, J. J., Rinkel, P., Murphy, C. (1992, March). *Myths and realities regarding implications of prenatal substance use*. Panel presented at the Kansas Division of Early Childhood Conference, Wichita, KS.

Carta, J. J. (1992, April). *Identifying needs of parents in Wyandotte County*. Report delivered to the Wyandotte County Board of Commissioners. Kansas City, KS

Carta, J. J., & McEvoy, M. (1992, April). *Separating myth from realities regarding prenatal substance use*. Division Showcase presentation at the International Conference on Exceptional Children. Baltimore, MD.

Carta, J. J. (1992, April). *Parent Needs Assessment of Wyandotte County*. Presentation at the Focus on the Young Child Conference, Kansas City, KS.

Carta, J. J. (1992, June). *Documenting the fidelity of intervention implementation*. Workshop presented at the National Early Childhood Technical Assistance System conference on evaluation, Denver, CO.

Carta, J. J. (1992, June). *Interventions that support integration of young children with special needs into least restrictive settings*. Workshop presented at the National Early Childhood Technical Assistance System conference on evaluation, Denver, CO.

Carta, J. J. (1993, April). *Educational implications of prenatal substance abuse*. Presentation given at the Interdisciplinary Research Forum for the Discussion of Developmental Disabilities, Children's Rehabilitation Unit, University of Kansas Medical Center, Kansas City, KS.

Carta, J. J., McConnell, S. M., & McEvoy, M. *Approaches for developing interventions for young children who are prenatally exposed to drugs*. (1993, April). Symposium presented at the Council for Exceptional Children, San Antonio, TX.

Carta, J. J., Hupp, S., Leib, S., McConnell, S., McEvoy, M., Powell, D., & Vincent, L. (1993, April). *Experts discuss implications of prenatal drug exposure for policy and practice.* Roundtable discussion at the Council for Exceptional Children, San Antonio, TX.

Carta, J. J. (1993, April). *Promising areas of intervention for children prenatally exposed to drugs and alcohol.* Keynote presentation at the Conference on Myths and Realities about Children Prenatally Exposed to Drugs and Alcohol. University of Missouri-Kansas City, Kansas City, MO.

Carta, J. (1993, June). Dispelling myths about children prenatally exposed to illicit drugs. In M. Haack & P. Budetti (Chairs). *The hodge-podge of aid programs to meet the needs of drug-addicted mothers and their children.* Press conference sponsored by the Center for Health Policy Research, George Washington University, National Press Club, Washington, D.C.

Carta, J., McConnell, S. R., & McEvoy, M. (1993, October). *Overview of the Early Childhood Research Institute on Substance Abuse.* Symposium at the Annual Conference of the American Association of University Affiliated Programs. Washington, DC.

Carta, J. (1993, October). *Maximizing children's success in making transitions to new educational settings.* Keynote presentation at the Iowa State School Psychologist Association. Des Moines, IA.

Carta, J. (1993, October). *Project SLIDE: An approach for facilitating inclusion in kindergarten settings.* Presentation at the Iowa State School Psychologist Association. Des Moines, IA.

Carta, J., Orth-Lopes, L., Kamps, D., & Potusek, J. (1993, November). *Increasing children's opportunities to respond and increasing achievement.* Springhill School District Inservice, Springhill, KS.

Carta, J. (1994, February). *Strategies for facilitating successful integration of children with disabilities into regular kindergarten classes.* Presentation at the Heartland Area Education Agency. Des Moines, IA.

Carta, J. (1994, February). *Developing transition strategies for preschoolers with diverse learning needs.* Faculty seminar presented at Iowa State University, Ames, Iowa.

Carta, J., Elliott, M., Orth-Lopes, L., & Schiefelbusch, J. (1994, April). *Exploring classroom interventions for children prenatally exposed to drugs.* Northeast Kansas Educational Systems Spring Conference, Lawrence, KS.

Carta, J. (1994, April). *Examining environmental factors that may affect the outcomes of children prenatally exposed to drugs.* National Teleconference Sponsored by the National Early Childhood Technical Assistance System and the State of Pennsylvania Family Focused Early Intervention System. Pittsburgh, PA.

Carta, J. (1994, June). *Developmentally Appropriate Practice and young children with diverse learning needs*. Iowa Early Childhood Summer Institute V sponsored by the Iowa Department of Education, Ames, IA.

Carta, J. (1994, October). *Expanding the circle of inclusion for young children with special needs*. Presentation at the Northern Nevada Association for the Education of Young Children. Reno, NV.

Carta, J. (1994, November). *Factors affecting children prenatally exposed to drugs: what happens after pregnancy?* Kennedy Mental Retardation Research Center Lecture, Vanderbilt University. Nashville, TN.

Carta, J., & McEvoy, M. A. (1994, December). *Risk and resilience in children prenatally exposed to drugs and alcohol*. Project Directors' Meeting of the Early Education Programs for Children with Disabilities Program. Washington, DC.

Carta, J., & McEvoy, M. A. (1995, January). *Risk and resilience in children prenatally exposed to drugs and alcohol*. National 619 Preschool Coordinators' Meeting. Baltimore, MD.

Carta, J. J. (1995, February). *Myths and realities of developmentally appropriate practice and young children with special needs*. Annual State of Florida Early Education Meeting. Tampa, FL.

Carta, J. J. (1995, April). *Environmental factors related to risk and resilience of children prenatally exposed to drugs and alcohol*. Allegheny-Singer Research Institute Guest Lecturer Series, Allegheny General Hospital, Pittsburgh, PA.

Carta, J. J. & McEvoy, M. A. (1995, Dec). *Update on findings from the Early Childhood Research Institute on Substance Abuse*. Project Directors' Meeting of the Early Education Programs for Children with Disabilities. Washington, DC.

Carta, J. J. (1995, Dec). *Early Childhood Research Institute on Substance Abuse: Uncovering the Role of the Caregiving Context in the Development of Children Prenatally Exposed to Alcohol and Other Drugs*. Roundtable on Head Start Research, National Research Council, Commission on Behavioral and Social Sciences and Education. Washington, DC.

Carta, J. J., Schiller, R., & Pemberton, M. (1996, Feb.). *Working with children and families from challenging environments*. Midwest Symposium for Leadership in Behavior Disorders. Kansas City, MO.

Carta, J. J., Schiefelbusch, J. J., & Terry, B. (1996, March). *Project SLIDE: A training workshop*. Inservice training for Salina Early Education Cooperative. Salina, KS.

Carta, J. J. (1997, July). *Research Institute on Measuring Growth and Development: Putting a New Slant on Assessment in Early Childhood*. Evaluation Seminar sponsored by the National Early Childhood Technical Assistance System. Chapel Hill, NC.

- Carta, J.J.**, Hebbeler, K., Harbin, G., & Darkes, L. (1997, July). *Panel on federal initiative on evaluation in early childhood sponsored by OSERS*. Evaluation Seminar sponsored by the National Early Childhood Technical Assistance System. Chapel Hill, NC.
- Carta, J. J.** (September, 1999). *Increasing independence through self-management strategies*. Workshop presentation at the Australian Association of Special Education-1999 National Conference, Sydney, Australia.
- Carta, J. J.** (September, 1999) *SLIDE-Down Under*. Pre-conference workshop presented at the Australian Association of Special Education-1999 National Conference, Sydney, Australia.
- Carta, J. J.** (September, 1999). *Moving toward independence: An achievable goal for all students*. Keynote presentation of the Australian Association of Special Education—1999 National Conference.
- Carta, J.** (January, 2001). *Risk Assessment for Family Drug Court*. Presentation at the Annual Drug Court Institute, Miami, FL.
- Carta, J.** (February, 2001). General outcome measures for infants and toddlers. In S. R. McConnell (Chair). *Early Childhood Research Institute on Measuring Growth and Development*. Symposium conducted at the NECTAS-OSEP National Meeting, Washington, DC.
- Carta, J.** (July, 2001), *Examining the “Active Ingredients” In Effective Teen Parenting Interventions*. Presentation at the Annual Research Meeting of the Centers for the Prevention of Child Neglect. Keystone, CO.
- Carta, J.** (July, 2001). “Data” is not necessarily a four-letter word. Presentation at the Annual Part C Coordinators Meeting. Washington, DC.
- Carta, J.** (September, 2001). *Focusing on “improvement” in Part C and Part B Continuous Improvement Monitoring*. Invited Presentation to the Monitoring and State Improvement Planning Division, Office of Special Education Programs, U.S. Department of Education, Washington, DC.
- Carta, J.** (July, 2002). Some Reflections on the Limitations of Randomized Clinical Trials for Informing Intervention Practice. In J Carta (Chair), J. J. (Chair), Panel on *Alternative Approaches for Determining What is Effective in Early Intervention*. OSEP Research Project Director’s Meeting, Washington, DC.
- Carta, J.** (October, 2002). *Role of research in the Wyandotte County Children’s Campus Model*. M. Staker (Chair). Annual Midwest Faculty Institute Meeting. Kansas City, MO.

Carta, J. J., Kisker, E. E., Peterson, C. A., & Wall, S. (November, 2002). *What did we learn from the national evaluation of Early Head Start?* Session presented at the OSEP 2002 National Early Childhood Conference, Washington, DC.

Carta, J. J. (January, 2003). *Understanding and addressing the impact of multiple environmental risks on children's development.* Invited keynote address presented at the DREAM conference, Spokane, WA.

Carta, J. J. (January, 2003). *Monitoring children's growth and development using general outcome measurement.* Invited keynote address presented at the DREAM conference, Spokane, WA.

Carta, J. J. (March, 2003). *Advancing early intervention by examining the effects of multiple risks on children's development.* College of Education Colloquium. University of Oregon. Eugene, OR

Carta, J. J. (January, 2003). *Understanding and addressing the impact of multiple environmental risks on children's development.* Invited keynote address presented at the DREAM conference, Spokane, WA.

Carta, J. J. (January, 2003). *Monitoring children's growth and development using general outcome measurement.* Invited keynote address presented at the DREAM conference, Spokane, WA.

Carta, J. J. (November, 2003). *Using evidence to enhance early intervention practice.* Head Start and Services for Children with Disabilities. Statewide conference sponsored by Kansas Inservice Training System. Wichita, KS.

Carta, J. J. (October, 2004). *Seven successful strategies to preventing challenging behaviors in young children.* Hansen Early Childhood Lecture. Invited lecture at Iowa State University.

Carta, J. J. (March, 2005). *Intervention strategies for reducing challenging behaviors in young children.* Hansen Early Childhood Lecture. Invited lecture at Iowa State University.

Carta, J. (Sept, 2005). *What We've Learned from the Early Head Start National Evaluation.* Psychology Colloquium. University of Notre Dame, South Bend, IN.

Carta, J. (February, 2006). *Bridging the gap: A researcher's view of research-program partnerships.* Bounce Early Learning Network Meeting, Milwaukee, WI.

Carta, J. (March, 2006). *Designing preschool environments that promote young children's independence.* Workshop presented at the *National Training Institute on Evidence-Based Practices for Young Children with Challenging Behavior.* Clearwater, FL.

Carta, J. (May, 2006). *Enhancing young children's growth in communication: What makes a difference in the infant, toddler, and preschool years?* Keynote presentation at the Intervention and Early Childhood Conference. Bellevue, WA.

Carta, J. (May, 2006). *Assessment that guides early intervention decision-making.* Invited lecture at the University of Nebraska. Lincoln, NE.

Carta, J. (September, 2006). *Early Communication Indicator—A new approach for early interventionists to measure progress on children's growth on communication outcomes.* Invited presentation at the Embracing Diversity Workshop. Milwaukee, WI.

Carta, J. (September, 2006). *Mission (Not) Impossible: How Juniper Gardens Children's Project translates research to practice in a community setting.* Invited presentation at the 50th Anniversary of the University of Kansas Schiefelbusch Institute for Life-Span Studies. Lawrence, KS.

Carta, J. (October, 2006). *Early childhood education: Changing lives through evidence-based practice.* Presentation at the Great Beginnings Conference. Marlboro, MA.

Carta, J. (October, 2006). *Early childhood education: Changing lives through evidence-based practice.* Invited presentation at the Utah Early Childhood Special Education Conference. Provo, UT

Carta, J. (November, 2006). *Indicator of Parent-Child Interaction: A practitioner-friendly tool for monitoring progress in parent-child interaction.* Presentation at the Annual National Policy Summit on Young Children with Challenging Behavior. Washington, DC.

Carta, J. (October, 2006). *Early childhood education: Changing lives through evidence-based practice.* Presentation at the Great Beginnings Conference. Marlboro, MA.

Carta, J. (March, 2008). *IGDIs for Infants and Toddlers.* Paper presented in R. Kaminski et al. Opening Keynote Panel entitled *Into the Future with GOMs: Where Do We Come From, Where Are We Now, and Where Are We Headed?*. Annual DIBELS Summit, Albuquerque, NM.

Carta, J., & Baggett, K. (April, 2008). *Assessing and guiding parent-child interaction in early intervention programs.* Workshop presented at the *National Training Institute on Evidence-Based Practices for Young Children with Challenging Behavior.* Clearwater, FL.

Carta, J. (April, 2008). *Investing in early education: What research tells us about improving the odds for children's success.* Invited paper presented at Kansas Early Childhood Education Forum sponsored by the Committee for Economic Development, Leawood, KS.

Carta, J., & DeBaryshe, B. (June, 2008). *Professional development to improve literacy instruction: Lessons from Early Reading First.* Invited poster symposium at the *Head Start National Research Conference, Washington, DC.*

- Carta, J. J., & Staker, M.** (June, 2008). Early Reading First: Translating early literacy intervention to practice in Head Start programs. Poster presented at the *Head Start National Research Conference, Washington, DC.*
- Carta, J.** (July, 2008). Progress monitoring in early childhood. Paper presented in C. Kavulik (Chair). Progress monitoring in early childhood-generating a discussion at the *Office of Special Education Programs Annual Project Directors' Meeting.* Washington, DC.
- Carta, J., Achenbrenner, E., Bruno A., Levy, M., & Hallam, R.** (October, 2008). Conversations on the meaning and implications of Response to Intervention in Early Childhood, Minneapolis MN.
- Carta, J., McConnell, S., Ziolkowski, R., Kaminski, R., Greenwood, R., & Lauer, K.,** (October, 2008). Center for Response to Intervention in Early Childhood (CRTIEC) A new research initiative to promote early literacy and language. Minneapolis, MN.
- Carta J., Fox, & Strain, P.** (December, 2008), Using a response-to-intervention approach to promote young children's social development. OSEP Early Childhood Conference. Washington DC.
- Carta, J. & Buysse, V.** (December 2008). Response-to-intervention in early childhood: What do we know and what does it look like? OSEP Early Childhood Conference, Washington, DC.
- Carta, J., Fox, L., & Strain, P.** (Feb, 2009). Using a response-to-intervention approach to promote young children's social development. Webinar sponsored by the Technical Assistance Center for Social-Emotional Intervention.
- Carta, J., & Greenwood, C.R.** (March, 2009). CRTIEC: A new research initiative to promote early literacy and language. Webinar sponsored by the National Research Center on Learning Disabilities.
- Carta, J. & Baggett, K.** (April, 2009). Assessing and guiding parent-child interaction. Workshop presented at the National Training Institute on Young Children with Challenging Behaviors. Clearwater, Beach, Florida.
- Carta, J.** (May, 2009). RTI in pre-kindergarten. Presentation to the DELL-D Early Reading First Professional Development Project. Danville, IL.
- Carta, J.** (May, 2009). Evidence-based practices for transitions for students with disabilities. What does our science say about the best way to reach success in the next environment? Keynote presentation at the Australian Association of Special Education Annual Conference, Melbourne, Australia.
- Carta, J.** (May, 2009). Continuous progress monitoring for young children. Colloquium presented at the Children and Families Research Centre. Macquarie University, Sydney, Australia.

- Carta, J.** (May, 2009). Evidence-based practices for young children with disabilities. Symposium presented at the Children and Families Research Centre. Macquarie University, Sydney, Australia.
- Carta, J.** (June, 2009). What do we know about school readiness for young children in disabilities? Presentation at the Institute for Education Sciences Annual Research Project Directors' Meeting. Washington DC.
- Carta, J.,** Hemmeter, M. L., Baggett, K., & Broyles, L. (August, 2009). The Pyramid Framework within Early Intervention Programs: Promoting the Social Development of Infants and Toddlers. Webinar sponsored by the Technical Assistance Center for Social-Emotional Intervention.
- Carta, J.** (October, 2009). What is "Response to Intervention"? Presentation made at the Early Childhood RTI Summit, Albuquerque.
- Baggett, K., **Carta, J.,** Broyles, L., & Perry, D. (March, 2010). *The Pyramid Framework within Early Intervention Programs: Promoting the Social Development of Infants and Toddlers.* Panel presented at the National Training Institute on Evidence-Based Practice for Young Children with Challenging Behavior. Clearwater Beach, FL
- Carta, J.,** Greenwood, C. R., Kaminski, R., McConnell, S. R., & Goldstein, H. (April, 2010). CRTIEC and DEC: Promoting research and leadership on RTI in early childhood. Invited panel presentation at the Council on Exceptional Children Conference, Nashville, TN.
- Carta, J.,** Greenwood, C. R., McConnell, S.R., Goldstein, H, & Kaminski,R. (April, 2010). Hierarchical promotional, prevention, and intervention frameworks for early childhood. Invited panel presentation at the Council on Exceptional Children Conference, Nashville, TN.
- Carta, J.** (May, 2010). Research-based approaches for addressing the diverse needs of infants and toddlers in poverty. Invited presentation at the Frank Porter Graham Center Conference on Infant and Toddler Childcare. University of North Carolina, Chapel Hill, NC.
- Carta, J., J.,** Atwater, J., & Greenwood, C. (October, 2010). Tier one instruction in early education classrooms: Implications for response to intervention. Panel presentation at the Early Childhood RTI Summit, Kansas City, MO.
- Carta, J.** (March, 2011). When more means less: Cumulative risks and their impact on children's and families' outcomes. Invited keynote presentation to the Australian Centre for Child Protection. University of South Australia, Adelaide, Australia.
- Carta, J., &** Greenwood, C., (March, 2011). Pathways from Early Communication to Literacy. Invited presentation to the Psychology Faculty at the University of Otago, Dunedin, New Zealand.

- Carta, J., & Greenwood, C.** (March, 2011). The Response to Intervention Approach to Early Literacy and Language. Invited presentation to the Pediatric Faculty at the University of Otago. Dunedin, New Zealand.
- Carta, J., Baggett, K., Broyles, L., & Jack, S.** (June, 2011). Supporting the Social-Emotional Development of Infants, Toddlers, and Preschool Children Through a Tiered Model of Prevention and Intervention. Training workshop presented at the Kansas Inservice Training System Summer Institute. Lawrence, KS.
- Carta, J., & Greenwood, C. R.** (June, 2011). A discussion about RTI in Early Childhood. Presentation at Annual Conference on Effective Practices for Teachers and Human Service Professionals: Interventions Across the Lifespan. Utah State University, Logan, UT.
- Carta, J., Bigelow, K., & Lefever, J.** (August, 2011). Using cellular phones to enhance parenting interventions: A Randomized Trial. Presentation at Symposium on Innovative Uses of Technology in Existing Child Abuse Prevention Programs. Center for Disease Control and Prevention, Atlanta, GA.
- Bigelow, K., **Carta, J.**, Lefever, J., & Borkowski, J. (September, 2011). Using Cellular Phones to Enhance a Parenting Intervention for Families at risk for Neglect. Presented at the Midwest Research and Evaluation Exchange Conference, Kansas City, MO.
- Carta, J., Buzhardt, J., & Walker, D.** (August, 2011). Using individualized growth and development indicators to optimize language growth in infants and toddlers. Presented at the Midwest Research and Evaluation Exchange Conference, Kansas City, MO.
- Carta, J. J., Zang-Carta, A., & Greenwood, C. R.** (2011, November). The Mission Project—An Innovative Model that enables capable adults with developmental disabilities to live independently and safely in the community with minimal support. Presentation made at the annual Autism Across the Life Span Conference, Kansas Center for Autism Research and Training (K-CART), University of Kansas, Overland Park, KS.
- Carta, J.** (December, 2011). The use of cellular technology to increase parent engagement in an intervention for preventing child maltreatment. Presented at the Institute of Medicine Forum on Global Violence Prevention. Washington, DC.
- Carta, J.** (March, 2012). Response to Intervention in early childhood: An overview and rationale for scaling-up to improve student outcomes. Keynote presentation at the Midwest Instructional Leadership Council's Research to Practice Institute. Wisconsin Dells, WI.
- Carta, J.** (March, 2012). Evidence-based RTI foundations for preschool settings. Session presented at the Midwest Instructional Leadership Council's Research to Practice Institute. Wisconsin Dells, WI.
- Carta, J.** (March, 2012). Supporting infant-toddler communication development with a web-based decision-making system. Presented at the National Training Institute on Young Children with Challenging Behaviors. Clearwater, Beach, Florida.

- Carta, J.,** Fox, L., & Goldstein, H. (June, 2012). Individualizing children's learning experiences through tiered models of instruction. Symposium presented at the Head Start National Research Conference. Washington, DC.
- Carta, J.,** Snyder, P., & Wasik, B. (June, 2012). Coaching and mentoring: Key ingredients for moving evidence-based early education into high fidelity implementation. Symposium presented at the Head Start National Research Conference. Washington, DC.
- Carta, J.** (Discussant) (June, 2012). Head Start University Partnerships: Strategies for increasing teacher effectiveness: Effective practices in an age of diversity and change. Poster symposium presented at the Head Start National Research Conference. Washington, DC.
- Carta, J.,** Mai, S., & Zang-Carta, A. (December, 2012). The Mission Project: An innovative model for supporting the independence of adults with developmental disabilities. Presentation made at the annual Autism Across the Life Span Conference, Kansas Center for Autism Research and Training (K-CART), University of Kansas, Overland Park, KS.
- Lefever, J. B., Borkowski, J., **Carta, J.,** & Bigelow, K. (February, 2013). Using mobile phones to supplement home visitation. National Summit on Quality Home Visiting Programs Sponsored by the Pew Foundation. Washington DC.
- Carta, J.** (March, 2013). TPITOS: A measure for assessing teacher support of social-emotional development of infants and toddlers. Invited session at the Annual National Training Institute on Effective Practices for Addressing Challenging Behavior. Clearwater Beach, FL.
- Carta, J.** (October, 2013). RTI in early childhood: Ensuring all children's growth toward school readiness. Sharing a Vision (SAV) Early Childhood Preconference. Springfield, IL.
- Carta, J.,** Miller-Young, R., & Greenwood, C. R. (October, 2013). Introduction to MTSS/RTI frameworks designed for early education. RTI Innovations Conference. Salt Lake City, UT.
- Carta, J.,** Miller-Young, R., & Greenwood, C. R. (October, 2013). Advanced MTSS/RTI in early childhood settings: Unlocking systems' strengths to meet children's needs. RTI Innovations Conference. Salt Lake City, UT.
- Catalino, T., **Carta, J.,** & Erbrederis Meyer, L., (October, 2013). Revising the DEC *Recommended Practices*: Purpose, process and outcomes. Invited session at the Annual DEC International Conference, San Francisco, CA.
- Carta, J.** (June 2013). Moving the needle of school readiness expectations for young children with special needs. Invited presentation at the Summit on Evaluation of PreK-3 Initiatives. Foundation on Child Development, Washington, DC.

Greenwood, C. R., & **Carta, J. J.**, (October, 2013). Doing science and doing good: Fifty years of community-engaged research at the Juniper Gardens Children's Project, Invited presentation at Iowa State University.

Carta, J. J., & Greenwood, C. R. (February, 2014). Implementing multi-tiered systems of support with young children. Invited workshop at the Midwest Symposium on Leadership in Behavior Disorders. Kansas City, MO.

Carta, J. J., & Bigelow, K. (March, 2014). An introduction to The Pyramid Infant-Toddler Observation System (TPITOS) 2.0. Invited workshop at the National Training Institute on Effective Practices for Children with Challenging Behaviors. St. Petersburg, FL.

Carta, J. J., & Bigelow, K. (March, 2014). TPITOS: A measure for guiding professional development to promote infant-toddler social-emotional development. Invited session at the National Training Institute on Effective Practices for Children with Challenging Behaviors. St. Petersburg, FL.

Carta, J. J. & Bigelow, K. (May, 2014). An introduction to The Pyramid Infant-Toddler Observation System (TPITOS) 2.0. Invited workshop at the Responsive Early Education for Diversity Statewide Inservice Training. Athens, GA.

Carta, J. J. (August, 2014). Child development research underpinning "Talk, Read, Play". Talk Read Play—A Community Conversation sponsored by the Office of the Mayor Sly James. Kansas City, MO.

Carta, J. J., Miller-Young, R., Greenwood, C., & Hosp, R., (October, 2014). What does tiered instruction look like in pre-K? 17th Annual RTI Innovations Conference, Salt Lake City, UT.

Carta, J. J., & Bigelow, K., & Irvin, D. (April, 2015). TPITOS: A measure for guiding professional development to promote infant-toddler social-emotional development. Invited session at the National Training Institute on Effective Practices for Children with Challenging Behaviors. St. Petersburg, FL.

Carta, J. J., Guerrero, G., & McElhattan, T. (Sept, 2015). Strengthening Tier 1 in early literacy and language in early childhood settings. Kansas Multi-Tiered System of Support Symposium. Wichita, KS.

Carta, J. J. & Bigelow, K. (October, 2015). An introduction to The Pyramid Infant-Toddler Observation System (TPITOS). Invited workshop at the Head Start of Bernalillo County, Albuquerque, NM.

Carta, J. J., & Miller-Young, R. (October, 2015). Delivering core instruction in early childhood education programs and schools. 18th Annual RTI Innovations Conference Salt Lake City, UT.

Carta, J., Mendelsohn, A., & McConnell, S. (November, 2015). Cultural, language, and other familial risk factors affecting family engagement. Panel presentation at the LENA Conference 2015; Denver, CO.

Posters (Peer-Reviewed)

Carta, J. J., & Greenwood, C. R. (November, 1986). *Using ecobehavioral assessment to design preschool programs.* Poster presented at the 20th Annual Convention of the Association for the Advancement of Behavior Therapy, Chicago, IL.

Atwater, J. B., **Carta, J. J.**, Schwartz, I., Trissel, D., Rinkel, P., & Connell, M. (October, 1989). *Ecobehavioral assessment of children's classroom survival skills: A multilevel approach.* Poster presented at the Fifth International Early Childhood Conference on Children with Special Needs, Minneapolis, MN.

Connell, M. C., & **Carta, J. J.** (May, 1990). *The effects of teaching preschoolers with developmental delays to recruit teacher praise on generalization of in-class transition skills.* Poster presented at the 16th Annual Convention of the Association for Behavior Analysis, Nashville, TN.

Schwartz, I. S., **Carta, J. J.**, Atwater, J. B., Trissel, D., Rinkel, P., & Connell, M. (October, 1990). *Early childhood classroom survival skills project: Results from kindergarten and first grade follow-up.* Poster presented at the International Early Childhood Conference on Children with Special Needs, Albuquerque, NM.

Connell, M. C., & **Carta, J. J.** (May, 1991). *Indexing teacher irritation as one method of measuring social validity.* Poster presented at the 17th Annual Convention of the Association for Behavior Analysis, Atlanta, GA.

Walker, D., Hart, B., Greenwood, C. R., & **Carta, J. J.** (May, 1991) *Prediction of academic behavior from early language measures.* Poster presented at the 17th Annual Convention of the Association for Behavior Analysis, Atlanta, GA.

Walker, D., Hart, B., & **Carta, J. J.** (November, 1991). *Links between early language development and academic performance of young students.* Poster presented at the International Early Childhood Conference on Children with Special Needs, St. Louis.

Carta, J. J., Atwater, Jane B., & Schwartz, I. S. (May, 1992). *Classroom survival skills interventions: Demonstrations of short- and long-term effects.* Poster presented at the 18th Annual Convention of the Association for Behavior Analysis, San Francisco, CA.

Connell, M. C., Atwater, J. B., & **Carta, J. J.** (May, 1992). *Increasing interobserver reliability of scoring low frequency, real-time behaviors by scoring occurrence and non-occurrence.* Poster presented at the 18th Annual Convention of the Association for Behavior Analysis, San Francisco, CA.

- Kullman, M. A., Atwater, J. B., **Carta, J. J.**, & Schwartz, I. S. (May, 1992). *Sequential analysis of teacher-student interaction in early intervention settings*. Poster presented at the 18th Annual Convention of the Association for Behavior Analysis, San Francisco, CA.
- Schwartz, I. S., **Carta, J. J.**, Atwater, J. B., Grant, S., Cowley, B. J., Giordano, S., Ross, G. (May, 1992). *An ecobehavioral approach for describing language-training strategies in preschool classrooms*. Poster presented at the 18th Annual Convention of the Association for Behavior Analysis, San Francisco, CA.
- Atwater, J. B., Montagna, D., Creighton, M., **Carta, J.**, McConnell, S., McEvoy, M., & Rokusek, C. (December, 1992). *Assessing behavior and caregiving environments of children exposed prenatally to drugs/alcohol*. Poster presented at the International Early Childhood Conference on Children with Special Needs, Washington, DC.
- Carta, J. J.**, Rokusek, C., McEvoy, M., McConnell, S., Rinkel, P., White, B. (December, 1992). *Identifying Intervention approaches for children prenatally exposed to drugs and/or alcohol*. Poster presented at the International Early Childhood Conference on Children with Special Needs, Washington, DC.
- Elliott, M, Orth-Lopes, L., Craig, N., Rinkel, P., Scherer, H., & **Carta, J.** (December, 1992). *Skills for promoting integration preschool, kindergarten, and first grade: An outreach training model*. Poster presented at the International Early Childhood Conference on Children with Special Needs, Washington, DC.
- Connell, M. C., Baer, D. M., & **Carta, J. J.** (May, 1993). *Preparing elementary students with behavioral disabilities for placement in the mainstream: Examining the effectiveness of the PRECISE teaching package--Year two*. Poster presented at the 19th Annual Convention of the Association for Behavior Analysis, Chicago.
- Elliott, M., Orth-Lopes, L., Schwartz, I. S., Atwater, J. B., & **Carta, J. J.** (May, 1993). *Project SLIDE--Skills for independence in diverse environments: An outreach training model*. Poster presented at the 19th Annual Convention of the Association for Behavior Analysis, Chicago.
- Waldron, A. & **Carta, J. J.** (October, 1994). *The effects of social skill intervention on the freeplay interactions of young children with developmental delays and behavior problems*. Poster presented at the International Early Childhood Conference on Children with Special Needs, Washington, DC.
- Atwater, J., **Carta, J.**, Summers, J. A., & Staker, M. (June, 2000). *Relationships between family characteristics at enrollment and engagement in Early Head Start*. Poster presented at Head Start's Fifth National Research Conference. Washington, DC.
- Baggett, K., & **Carta, J.** (February, 2001). *Assessing parent responsiveness and infant engagement during play*. Poster presented at the Conference for Research Innovation in Early Intervention, San Diego, CA.

- Carta, J. J.**, Greenwood, C. R., & Walker, D. (April, 2005). *Expressive Communication Indicator: A New Approach for Measuring Growth Toward Communication Outcomes for Very Young Children*. Electronic Poster Session presented at the Society for Research in Child Development Biennial Meeting, Atlanta, GA.
- Carta, J.**, & Atwater, J. (February, 2006). *Predicting Emergent Literacy Outcomes from Observations of Caregiver-Child Interaction from Toddler and Preschool Years for Children in Poverty*. Poster presented at the Conference for Research Innovation for Early Intervention. San Diego, CA.
- Abbott, M., Herring, A., **Carta, J.**, Staker, M., & Atwater, J. (2006, June). Can professional development in Early Reading First classrooms improve preschoolers' outcomes on literacy and vocabulary development? Presented at the Head Start Research Conference, Washington, DC.
- Carta, J.** (June, 2006). (Chair) *New Measures Coming Soon: Early Head Start/Head Start University Partnership Measurement Development Projects*. Poster symposium at the *Head Start National Research Conference*. Washington, DC.
- Selig, J. P., **Carta, J. J.**, Peterson, C., Atwater, J., Luze, G., & Little, T. D. (June, 2006). *Low-Income Families' Changing Pattern of Risks Over Time as Predictors of Children's Outcomes in Preschool*. Poster presented at the Head Start Research Conference. Washington, DC.
- Kisker, E. E., Raikes, H. H., Chazan-Cohen, R., **Carta, J.** Ayoub, C., & Puma, J. (March, 2007). *Outcomes for children in families at highest risk at ages 3 and 5*. Poster presented in a symposium at the Society for Research in Child Development *Conference*, Boston.
- Puma, J., Leboeuf, W., **Carta, J.**, Spellmann, M., Rodriguez, E. T., Watt, N. F., & Selig, J. P. (March, 2007). *Cumulative risk and early childhood outcomes: A comparison of the predictive ability of cumulative risk indices across domains*. Poster presented in a symposium at the Society for Research in Child Development Conference, Boston.
- Baggett, K., **Carta, J.**, & Walker, D. (June, 2008). *Measures for monitoring progress during interventions for Early Head Start Children and Families*. Poster presented at the Head Start Research Conference, Washington, DC.
- Domian E., W. Baggett, K. M. & **Carta, J.** (June, 2008). *Home visitation coach perceptions and experiences in working with high-risk mothers for abuse and neglect*. Poster presented at the Head Start Research Conference, Washington, DC.
- Kisker, E.E., Raikes, H., Cohen, R., **Carta, J.**, & Puma, J. (April, 2009). *Assessing program impacts on the highest risk families in Early Head Start*. Poster presented at the Society for Research in Child Development Conference, Denver, CO.

- Carta, J.**, Greenwood, C., Atwater, J., & the Center for Response to Intervention in Early Childhood. (June, 2010). *Learning About Tier One: Examining the Context for Response to Intervention in Pre-Kindergarten Settings*. Poster presented at the Institute for Educational Science Project Directors' Meeting, Washington, DC.
- Carta, J.**, Greenwood, C. R., Pitchlyn, C., & Howard, W. (October, 2010), Challenging behavior implications for children's early communication and literacy development. Poster presented at the Division for Early Childhood Conference, Kansas City, MO.
- Linas, M., **Carta, J.**, & Greenwood, C.R. (October, 2010). *Taking a Snapshot of Early Childhood Response to Intervention Across the United States: 2009 and 2010*. Poster presented at the Division for Early Childhood Conference, Kansas City, MO.
- Farris, J. R., Noria, C., Borkowski, J. G., Guttentag, C., Landry, S., Baggett, K., Carta, J., Warren, S., Lanzi, R., Ramey, S., & The Centers for the Prevention of Child Neglect. (2011, March). Enhancing parenting and reducing IDD in at-risk families through early home-based intervention. In J. S. Nicholson & J. R. Farris (Chairs), *The Science and Art of Home-based Interventions Targeting IDD: Progress and Problems*. Symposium conducted at the 44th Annual Gatlinburg Conference on Research and Theory Intellectual and Developmental Disabilities, San Antonio, TX.
- Guttentag, C. L., Landry, S., Farris, J. R., Noria, C., Baggett, K. M., Lanzi, R. G., Borkowski, J. G., **Carta, J. J.**, Warren, S. F., & Ramey, S. L. (2011, April). *My Baby & Me: Improving mother-child interactions in high-risk families through early, intensive preventive intervention*. Poster presented at the biennial meeting of the Society for Research in Child Development (SRCD), Montreal, Quebec, Canada.
- Greenwood, C. R. **Carta, J.**, Atwater, J., & Howard, W. (June, 2012). Program and English language learner differences in the quantity and quality of preschool language and early literacy instruction and child outcomes. Poster presented at the Head Start National Research Conference, Washington, DC.
- Linas, M., Greenwood, C. R., & **Carta, J.**, (June, 2012). Taking a snapshot of early childhood Response to Intervention across the United States: 2009-2012. Poster presented at the Head Start National Research Conference, Washington, DC.
- McElhattan, T. E., Guerrero, G., Linas, M., Schneider, N. B., & **Carta, J.** (June, 2012). Early literacy development: A comparison of skill acquisition in children with and without individual education plans attending Head Start and other program types. Poster presented at the Head Start National Research Conference, Washington, DC.
- Walker, D., **Carta, J.**, Greenwood, C. R., & Buzhardt, J. (June 2012). Progress monitoring for infants and toddlers to inform intervention and practice. Poster presented at the Head Start National Research Conference, Washington, DC.

RESEARCH AND TRAINING GRANTS AND CONTRACTS--FUNDED

(\$39,598,472.00 [Total Costs] in external awards as PI/Co-PI/Co-Investigator)

Carta, J. J., & Wessel, J. A. *Development of materials for parents of handicapped preschoolers to use in motor and play skill training.* All- university small research grant, Michigan State University, 1978-1979.

Peterson, N. L., & **Carta, J. J.** *An investigation of the object play behaviors of handicapped and nonhandicapped.* Student-Initiated Research Grant from the Office of Special Education and Rehabilitation Services, U. S. Department of Education, 1981-1983.

Carta, J., & Greenwood, C. R. *The development and validation of an evaluation instrument to measure instructional effectiveness of early childhood handicapped programs.* Field-Initiated Research Grant from the Office of Special Education and Rehabilitation Services, U.S. Department of Education, 1984-87.

Carta, J., Greenwood, C. R., & Kohler, F. *Increasing teaching/learning efficiency in the mainstreaming of LD students: Discovery and validation of effective naturalistic instructional procedures.* Field- Initiated Research Grant from the Office of Special Education and Rehabilitation Services, U. S. Department of Education, 1986-89.

Greenwood, C. R., **Carta, J. J.,** Delquadri, J. & Finney, R. *Expert systems approaches to consultant-mediated intervention: Efficacy studies of the delivery of classwide peer tutoring to LD students.* Field- Initiated Research Project for the Office of Special Education and Rehabilitation Services, U. S. Department of Education, 1987-1990.

Whorton, D., **Carta, J. J.,** Greenwood, C. R., & Delquadri, J. *An ecobehavioral approach to the validation of effective education and treatment programs for autistic and developmentally disabled students.* Field-Initiated Research Project for the Office of Special Education and Rehabilitation Services, U. S. Department of Education, 1987-1990.

Carta, J. J., & Greenwood, C. R. *The validation of a classroom survival skills intervention package: Measuring short-term and long-term effects on young children with handicaps.* Research project funded by the Office of Special Education Program, U. S. Department of Education, 1988-1991.

Carta, J. J., Schwartz, I. S., & Atwater, J. B. *Programming successful classroom transition: Assessment of children's survival skills and classroom requirements (Project 3.1).* Subproject of the Kansas Early Childhood Research Institute, University of Kansas, 1988-1993.

Greenwood, C. R., Hall, R. V., & **Carta, J. J.** *Language interaction research elementary school follow-up: Research on the development of children from depriving environments.* Subproject of Program Project entitled "Research with Children from Depriving

Environments". Program project funded by the National Institute for Child Health and Human Development, 1988-1992.

Arreaga-Mayer, C., & **Carta, J. J.** *Development and validation of an evaluation instrument to measure instructional effectiveness of bilingual special education.* Field-Initiated Research Project Funded by the Office of Special Education Programs, U. S. Department of Education, 1990-1993.

Carta, J. J., & Connell, M. *Promoting transfer of academic skills in mainstreaming through recruitment of contingent praise training in elementary students with behavioral disabilities.* Student-Initiated Research Project Funded by the Office of Special Education Programs, U. S. Department of Education, 1990-1991.

Carta, J. J., Schwartz, I., & Greenwood, C. R. *A programmatic approach for comparing the effectiveness of early childhood language program features.* Funded by the Office of Special Education Programs, U. S. Department of Education, 1990-1994.

Greenwood, C. R., **Carta, J. J.**, Kamps, D., & Delquadri, J. *Integrated, computerized systems for ecobehavioral classroom observation: Laptop assessment tools for SEA and LEA personnel.* Funded by the Office of Special Education Programs, U. S. Department of Education, 1990-1992.

Kamps, D. W., & **Carta, J. J.** *Academic and social interventions to promote integration for students with autism in public school settings.* Funded by the Office of Special Education Programs, U. S. Department of Education, 1990-1993.

Carta, J. J., Schwartz, I. S., & Atwater, J. B. *Skills in promoting integration in preschool, kindergarten, and first grade classrooms.* Funded by the Office of Special Education Programs, U. S. Department of Education, 1991-1994.

Carta, J. J., McConnell, S. R., McEvoy, M. A., & Rokusek, C. *Early childhood research institute on substance abuse.* Funded by the Office of Special Education Programs, U. S. Department of Education, 1991-1996.

Walker, D., Hart, B., Greenwood, C. R., & **Carta, J. J.** *Observational assessment instrument for the assessment of parent-child interactions related to language development.* Funded by the Office of Special Education Programs, U.S. Department of Education, 1993.

Carta, J. J., & Peterson, P. *Milieu language teaching of children prenatally exposed to drugs.* Funded by the Office of Special Education Programs, U. S. Department of Education, 1994-1995.

Carta, J. J., Greenwood, C. R., Atwater, J. B., McConnell, S. R., & McEvoy, M. *Identification of the academic and social risks of children prenatally exposed to illicit drugs.* Funded by the Office of Special Education Programs, U. S. Department of Education, 1995-2000.

Carta, J. J. *Project SLIDE: Skills for Learning Independence in Developmentally Appropriate Environments.* Funded by the Office of Special Education Programs, U. S. Department of Education, 1995-1998.

Bozard Campbell, C., & **Carta, J. J.** *KC PRYDE: Kansas City Promoting Resilience in Youth from Diverse Environments.* Funded by the Center for Substance Abuse Prevention, U. S. Department of Health and Human Services, 1995-1998.

Greenwood, C. R., **Carta, J. J.**, & Delquadri, J. *Development and Validation of a Partnership-Consultation-Collaboration-Professional Development Model to Bridge the Gap Between Research and Practice.* Funded by the Office of Special Education Programs, U. S. Department of Education, 1995-1999.

Carta, J. J., Summers, J. A., & Atwater, J. B. *Early Head Start Local Research Project: A Partnership Between Juniper Gardens Children's Project and Project EAGLE.* Funded by the Administration for Children, Youth, & Families, U. S. Department of Health and Human Services, 1996-2001.

Carta, J. J., Atwater, J. B., McConnell, S. R., McEvoy, M. A., & Greenwood, C.R. *Longitudinal Study Of Risk And Protective Factors Affecting Children Prenatally Exposed To Illicit Drugs And Alcohol.* Funded by the Office of Special Education Programs, U. S. Department of Education, 1996-2001.

Greenwood, C. R., Delquadri, J., & **Carta, J.** *Promoting literacy through materials, media, and technology improvements in the ClassWide Peer Tutoring Program: Research on the effects of a computerized learning management system.* Office of Special Education Programs, U. S. Department of Education, 1996-1999.

McConnell, S. R., McEvoy, M. A., **Carta, J. J.**, Greenwood, C.R., Kaminski, R. A., Good, R., & Shinn, M. *Early Childhood Research Institute on Measuring Growth and Development.* Funded by the Office of Special Education Programs, U. S. Department of Education, 1996-2001.

Borkowski, J., Ramey, S., Ramey, C, Warren, S., **Carta, J.** *Predicting and preventing child neglect.* Funded by the Robert Wood Johnson Foundation. 2000-2003.

Carta, J. J., & Summers, J. A. *Improving the Delivery of Early Intervention to Children with Disabilities from High Poverty Backgrounds.* Funded by the Office of Special Education Programs, U. S. Department of Education, 1999-3

Carta, J.J., Atwater, J. B., & Summers, J.A. *Early Head Start Longitudinal Research Partnership.* Funded by the Administration for Children, Youth, & Families, U. S. Department of Health and Human Services, 2001-2006.

Borkowski, J., Ramey, S., Ramey, C., Warren, S., **Carta, J.**, & Keltner, B. *Predicting and preventing child neglect among teen mothers.* Funded by the National Institute on Child

Health and Human Development, U. S. Department of Health and Human Services, 2001-2006.

Carta, J. *Evaluation of Tri-County Kansas Smart Start Pilot Project.* Contract with the Mid-America Regional Council, 2001-2003.

Carta, J. *Evaluation of the Enhanced Learning Opportunity Act Project.* Contract with Mid-America Regional Council, 2001-2003

Dunlap, G., Fox, L., Strain, P., Smith, B., **Carta, J.**, Timm, M., Conroy, M., Sailor, W., & Kern, L. *Center for Evidence-Based Practice: Young Children with Challenging Behavior.* Funded by the Office of Special Education Programs. U. S. Department of Education, 2001-2006.

Carta, J. J., Greenwood, C. R., & Walker, D. W. *The Early Communication Indicator (ECI).* Contract with Kansas Department of Social and Rehabilitation Services, 2002-2004.

Borkowski, J., Warren, S., **Carta, J.**, Keltner, B., Ramey, C., Ramey, S., & Landry, S. *Preventing child neglect in high-risk mothers.* Funded by the National Institute on Child Health and Human Development, U.S. Department of Health and Human Services, 2003-2010.

Hebbeler, K., Spiker, D., Greenwood, C., **Carta, J.**, Walker, D., & Bailey, D. *Center on Outcomes for Infants, Toddlers and Preschoolers with Disabilities.* Funded by the Office of Special Education Programs, U. S. Department of Education, 2003-2008.

Staker, M., & **Carta, J.** *Early Reading First—Wyandotte County.* U. S. Department of Education, 2004-2007.

Carta, J., Walker, D., & Baggett, K. *Partnership to Develop Meaningful Outcome Measures for Early Head Start Children and their Families.* Funded by the Administration for Children and Families, Department of Health and Human Services, 2004-2007.

Carta, J., Borkowski, J., & Warren, S. *Preventing Child Maltreatment Through a Cellular-Phone Technology-Based Parenting Program.* Centers for Disease Control and Prevention, 2006-2010.

Greenwood, C. R., Carta, J., Goldstein, H., McConnell, S. R., & Kaminski, R. *Center for Response to Intervention in Early Childhood.* Institute on Education Science, National Center for Special Education Research, 2008-2013.

Sheridan, S., **Carta, J.** & Knoche, L. *Development of a Three-tiered Model in Early Intervention to Address Language and Literacy Needs of Children at Risk.* Institute on Education Science, National Center for Special Education Research, 2009-2012.

Qi, C., & **Carta, J.** *Exploring moderating roles of home/classroom quality in relations between language and behavior.* Funded by the National Institute on Child Health and Human Development, U.S. Department of Health and Human Services, 2012-2014.

Boller, K., Atkins-Burnett, S., **Carta, J.**, & Wasik, B. Early childhood teachers' use of progress monitoring to individualize teaching practices. Contract to Mathematica Policy Research funded by the Office of Planning, Research and Administration: An Office of the Administration on Children and Families, 2012-2015.

Carta, J., Greenwood, C., & Walker, D. *Bridging the Word Gap Research Network.* Funded by the Health Resources Services Administration, U.S. Department of Health and Human Services, 2014-2016.

TEACHING

A. Current Teaching Interests

Evidence-Based Practices in Early Childhood Special Education
Risk and Protective Factors Affecting the Development of Young Children
Assessment of Young Children
Early Parenting Interventions for Promoting Positive Outcomes in Children
Effective Classroom Interventions for Young Children with Disabilities
Strategies for Promoting School Readiness
Observational Approaches for Examining Quality of Caregiving Environments

B. Courses Taught

Alma College

Child Development
Educational Psychology

Johnson County Community College

Child Development

University of Kansas

Doctoral Seminar in Early Childhood Special Education: Evidence-Based Practices
Introduction to Early Childhood Special Education
Individual Study/Mainstreaming Strategies for Students with Learning Disabilities
Individual Study/Classroom Data Collection Strategies
Individual Study/Educational Implications of Prenatal Exposure to Drugs
Individual Study/Language Intervention for Young Children
Individual Study/Strategies for Promoting Integration of Young Children into Regular Education Settings
Research Seminar in Prenatal Drug Exposure
Individual Study in Preschool Language Intervention

Directed Readings in Human Development
Developmental Assessment Practicum: Assessment of At-Risk Infants
Research Seminar in Risk and Protective Factors Affecting Young Children
Topics in Research in Child Development: Preschool Integration

C. Student Advisement

Master's Students

Mitchell Connell, HDFL, Co-advised with Donald M. Baer
Laura Williard, HDFL, Co-advised with Montrose Wolf
Pamela Miller, Special Education, Co-advised with Nancy Peterson
Susan Giordano, HDFL, Co-advised with Donald M. Baer
April Waldron, Special Education, Co-advised with Nancy Peterson
Kathleen Baggett, Counseling Psychology, Co-advised with James Lichtenberg
Christa Neal, HDFL, Co-advised with Charles Greenwood
Susan Higgins, ABS, Co-advised with Edward K. Morris

Doctoral Students

Sylvia Robinson, Special Education, Co-advised with Mary Moran
Dale Walker, HDFL, Co-advised with Vance Hall
Brian Cowley, HDFL, Co-advised with Judith LeBlanc
George Sideridis, HDFL, Co-advised with Charles Greenwood
Kathleen Baggett, HDFL, Co-advised with Charles Greenwood
Judith Estes, HDFL, Co-advised with Charles Greenwood
Angelia Collins, HDFL, Co-advised with Charles Greenwood
Pete Peterson, HDFL, Co-advised with Charles Greenwood
Judith Guerrero, Educational Leadership, Co-advised with Monte Markham
Tonya Hall, HDFL, Co-advised with Mark Mathews
Coral Kemp (Macquarie University, Sydney Australia)
Barbara Martin, Special Education, Co-advised with Nancy Peterson
Gwiok Kim, Special Education, Co-advised with Eva Horn
Stacy Kirk, Special Education, Co-advised with Eva Horn
Sanna Harjusola-Webb, Special Education, Co-advised with Eva Horn
Kathryn Bigelow, Human Development, Co-advised with Steve Warren
Yumiko Saito, Special Education, Co-advised with Eva Horn
Rashida Banerjee, Special Education, Co-advised with Eva Horn
Cynthia Chambers, Special Education, Co-advised with Eva Horn
Amanda Tyrrell, Special Education, Co-advised with Eva Horn
Nan Perrin, Special Education, Co-advised with Eva Horn
Sunyoung Ahn, Special Education, Co-advised with Richard Simpson
Virginia Cook, Special Education, Co-advised with Charles Greenwood
Youngmin Kim, Special Education, Co-advised with Richard Simpson
Na Young Kong, Special Education
Younwoo Lee, Special Education
Emily Schumate, Applied Behavior Science—Dr. Debra Kamps, Advisor
Ruby Chan, Special Education

Tracy McElhattan, Special Education
Taeyoung Kim, Special Education—Eva Horn, Advisor
Jean Kang, Special Education--Eva Horn, Advisor
Carolyn Pitchlyn, Special Education—Charles Greenwood, Advisor
Audra Classen, Special Education—Eva Horn, Advisor
Hsiang-Yi Wu, Special Education—Eva Horn, Advisor

Post-Doctoral Student

Elliott, M., Ph.D.	Human Development	1988-89
Doherty, J., Ph.D.	Special Education	1988-89
Schwartz, I., Ph.D.	Human Development	1988-89
Luze, G., Ph.D.	Special Education	1997-99
Leitschuh, C., Ph.D.	Performance Ed.	1997-99
*Linebarger, D., Ph.D.	Human Ecology	1998-99
Perez, R., Ph.D.	Child Psychology	1998-99
Hughes, K., Ph.D.	Human Development	1999-01
*Baggett, K., Ph.D.	Human Development	2001-03
Peterson, C., Ph.D.	Special Education	2003-04
Eshbaugh, E., Ph.D.	Human Development	2005-06
Domian, E., Ph.D.	Anthropology	2006-07
Padin, J., Ph.D.	Special Education	2006-07
*Bigelow, K. Ph.D.	Human Development	2006-07
Yi, L.J., Ph.D.	Special Education	2007-08
Beecher, C., Ph.D.	Early Childhood	2012-14
Irvin, D, Ph.D.	Early Childhood	2012-15
Tsai, S. F., Ph.D.	Early Childhood	2015-present
Schnitz, A., PhD.	Early Childhood	2015-present

SERVICE

A. Editorial Appointments

Editor: *Topics in Early Childhood Special Education*

Associate Editor: *Exceptional Children*
Topics in Early Childhood Special Education

Program Editor: *Education and Treatment of Children*

Co-Founder and Conference Chair, Conference on Research Innovation in Early Intervention, 1996-2014

Editorial Review Board Member:

Journal of Early Intervention
Journal of Special Education
Journal of Emotional and Behavioral Disorders

Guest Reviewer:

Child Maltreatment
Exceptional Children
Journal of Applied Behavior Analysis
Journal of Applied Developmental Psychology
Early Childhood Research Quarterly
Child Development
Review of Educational Research
Dialog—Journal of the Head Start Research Association
Children and Youth Services
Infancy

B. Community Service

Wyandotte County Special Education Cooperative; Kansas City, Kansas; Donald Lamb
Early Intervention Center; Consultant, 1985-1995

Shawnee Mission School District; Shawnee Mission Kansas
Parent Advisory Council and Newsletter Editor; 1985-1989

Shawnee Mission School District; Shawnee Mission Kansas
Long-Range Planning for Special Education Steering Committee,
1988-1989

Shawnee Mission School District; Shawnee Mission, Kansas
Long-Range Planning for Special Education-Early Childhood,
1988-1989

Shawnee Mission School District; Shawnee Mission, Kansas
Supported Integration Project; Advisory Committee, 1989-1990

Accessible Arts--Advocacy Group for Arts for Persons with Disabilities;
Kansas City, Kansas; 1989-1991

Headstart, Kansas City, Missouri; Inservice Training, 1989-1990

Wyandotte County Prevention Center for Alcohol and Drug Abuse, Inservice
Training; Kansas City, Kansas; 1990

Bridging Early Services Transition Project, Associated Colleges of Central Kansas;
McPherson, Kansas 1990-1996

Kansas City Missouri Public School District Magnet School Program; Kansas City, Missouri; 1990

Community Service Center, Kansas City, Kansas;
Community Task Force on Drug-Exposed Infants and Their Families; 1991- 1993

Wyandotte County Early Childhood Council; Kansas City, Kansas; 1991-present

Project EAGLE (A Comprehensive Child Development Project) General Advisory Committee, 1989-1994, Co-Chair

Young Women's Christian Association, Juvenile Offender Program, 1994

Children's Development Unit, University of Kansas Medical Center, Kansas City, KS, 1995

Project EAGLE Early Head Start Program; Governance Committee; 1995-present

The Mission Project: A program that enables capable adults with developmental or cognitive disabilities to live independently and safely in community with minimal support; 2006-present.

Children's Campus of Kansas City, Parent Engagement Network, 2010-present

C. Other Service

Grant panelist/field reader for U. S. Department of Education--1988-present

Consultant; Early Childhood Research Institute on Intervention Effectiveness; Utah State University; 1991

Advisory Board Member; Early Childhood Research Institute on Preschool Mainstreaming-Allegheny-Singer Research Institute; 1992-1994

Consultant; Early Childhood Research Institute on Inclusion; Vanderbilt University; 1994

Consultant; Early Childhood Follow-Through Research Institute; Allegheny-Singer Research Institute, 1995

Consultant to the Juvenile Division of the Eleventh Judicial Circuit--Dade County. Miami, FL, 1998-2000

Consultant to the Family Drug Court, Kansas City, MO-1999-2000.

Consultant to the Monitoring and State Improvement Planning Division, Office of Special Education Programs, U.S. Department of Education, Washington, DC, 2000.

Consultant to the Midwest Child Care Council, Kansas City, MO, 2000-2001.

Consultant to the University of Illinois College of Education, 2000.

External evaluator, University of Utah's Department of Special Education, 2000.

Member of the Planning Committee for the Office of Special Education Program's Project Directors' Meeting, 2000.

Member of the Planning Committee for the Office of Special Education Program's Project Directors' Meeting, 2001.

Member of Office of Special Education Program's Strategic Planning Committee, U. S. Department of Education, 2001.

Consultant, the Psychological Corporation, San Antonio, TX, 2001-2005.

Grant panelist/field reader for Administration on Children and Families-2001-present.

Field reader for March of Dimes Research, 2002-2003.

Consultant to the Bounce Educare Network. Ounce of Prevention, Chicago, IL 2003-present.

Member of Early Childhood Technical Work Group, Institute for Education Sciences, National Center for Special Education Research, 2007.

Reviewer for Minnesota Early Learning Foundation Early Childhood Development Scholarship Model Evaluation Planning Grant, 2007.

Evaluator for the Danville Early Literacy and Learning Early Reading First Project, University of Illinois, Champaign-Urbana.

Consultant, Center for the Social-Emotional Foundations for Early Learning, 2007-present

Advisory Board Member, Head Start Center for Inclusion Advisory Panel, 2009—present.

Consultant and Technical Advisor to the Children and Families Research Centre, Macquarie, University, Sydney, Australia

Visiting Scholar, Departments of Psychology and Pediatrics, University of Otago, Dunedin, New Zealand

Technical Work Group Advisor to the Baby FACES (Families and Children's Environments) Study. Mathematica Policy Research, Washington, DC. 2010-present.

Member of Federal Advisory Panel on Head Start Research and Evaluation, Administration on Children and Families, Department of Health and Human Services, Washington, DC. 2011-2014.

Technical Work Group Advisor to the *Measure Development: Quality of Caregiver-Child Interactions for Infants and Toddlers Project*. Mathematica Policy Research, Washington, DC. 2011-present.

Member of the Program Planning Committee, Head Start Research Conference; 2011-present

Member, Division of Early Childhood Recommended Practices Commission; 2011-present

Writing Team, Joint Position Paper on Response to Intervention in Early Childhood developed by the Division of Early Childhood, National Association for the Education of Young Children and the National Head Start Association

Technical Work Group Advisor to the Minnesota Early Learning Foundation, 2011

Consultant to *Mobile Dad: A Technology Application to Enhance Father Engagement*. Project awarded to Shawna Lee, University of Michigan and funded by the US Air Force Family Advocacy Program, 2012-present.

Consultant to: "*Beneficial Impacts of Pre-K Education: Under What Conditions and for Whom?*" Project awarded to Deborah Phillips, Georgetown University by National Institute for Children's Health and Human Development, 2012-present.

Consultant to the Minneapolis Northside Achievement Zone Promise Neighborhood Project, 2012-present.

Consultant to the Foundation for Child Development, PreK-3rd Research and Evaluation Project, Washington DC, 2013-present.

Consultant to Administration for Children and Families, Developing Standards/Guidelines for Infant-Toddler Programs, Washington, DC, 2013

Consultant to the Helios Education Foundation to develop a White Paper on Early Childhood Assessment, Tampa, Florida, 2014