**Jana Marie Iverson**

Curriculum Vitae

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| **Address** |  |
| Department of Psychology  University of Pittsburgh | **Phone:** (412) 624-6160  **Fax:** (412) 624-4428 |
| 3415 Sennott Square  210 S. Bouquet St.  Pittsburgh, PA 15260 | **Email:** jiverson@pitt.edu  **Lab webpage:** <http://www.pitt.edu/~icl> |

**Professional and Academic Positions**

University of Pittsburgh Professor, Department of Psychology, 2012-present

University of Pittsburgh Associate Professor, Department of Psychology, 2006-2012

University of Pittsburgh Assistant Professor, Department of Psychology, 2003-2006

University of Missouri-Columbia Assistant Professor, Department of Psychological Sciences, 1999-2003

Indiana University Postdoctoral Fellow, Department of Psychology, 1997-1999

**Other Current Affiliations**

Secondary faculty, Department of Communication Sciences & Disorders, University of Pittsburgh

Secondary faculty, Department of Linguistics, University of Pittsburgh

**Honorary Visiting Appointments**

Visiting Professor, Department of Human Physiology, Università Campus Bio-Medico, Rome, 2010-

Visiting Professor, University of Rome “La Sapienza,” 2006

Visiting Professor, Institute of Psychology, Italian National Research Council (CNR), 2001

**Education**

University of Chicago Ph.D. Psychology, 1996

University of Chicago M.A. Psychology, 1994

Bryn Mawr College A.B. Psychology (magna cum laude), 1991

**Extramural Grants (current)**

NICHD R01 HD073255

Iverson, J.M. (PI; F. Keller & N.J. Minshew, Co-Is). Reaching, Posture, Object Exploration, and Language in High- and Low-Risk Infants.

Direct Costs: $1,922,128

June 1, 2013 – April 30, 2018

NIDCD R03 DC012647

Ambrose, Sophie E. (PI; J.M. Iverson, Consultant). Contributions of Gesture to the Linguistic Outcomes of Children with Hearing Loss.

Direct Costs: $300,000

March 4, 2013 – February 28, 2016

**Extramural Grants (past)**

NICHD R21 HD068584

Iverson, J.M. (PI; F. Keller, Co-I). Sensor-Based Technology in the Study of Motor Skills in Infants at Risk for ASD.

Direct costs: $275,000

April 15, 2011 – April 14, 2013 (NCE to April 14, 2014)

NIMH R21 MH096697

West, M.J. (PI; J.M. Iverson, Consultant). A Network Approach to the Prediction of Autism Spectrum Disorder.

Direct Costs: $275,000

March 15, 2012 – February 28, 2014

NICHD R01 HD54979

Iverson, J.M. (PI; N. Minshew, Co-I). Early Identification of Autism: A Prospective Study.

Direct costs: $2,345,933

April 1, 2007 – March 31, 2012 (NCE to March 31, 2013)

Autism Speaks

Iverson, J.M. (PI). Early Identification of Autism: Developmental Trajectories in Communicative and Motor Skills in Younger Siblings of Children with Autism.

Direct costs: $119,940

July 1, 2005 – June 30, 2007

National Alliance for Autism Research (Supplemental Award)

Iverson, J.M. (PI). Canadian Infant Sibling Study – Head Circumference.

Direct costs: $14,920

March 1, 2005 – April 1, 2006

National Alliance for Autism Research

Iverson, J.M. (PI). Early Identification of Autism: A Prospective Study.

Direct costs: $108,965

July 1, 2003 – June 30, 2005

NICHD R01 HD41607

Iverson, J.M. (PI). Vocal-Motor and Speech-Gesture Coordinations in Infancy.

Direct costs: $900,000

July 1, 2002 – June 30, 2007

###### NINDS R21 NS044004 (Developmental Grant for Autism Centers of Excellence)

###### Iverson, J.M. (Co-I: J. Miles, PI). Identifying the Etiology and Treatments for Autism.

###### Direct costs: $100,000

September 30, 2001 – August 30, 2003

**Intramural Grants**

University of Missouri Research Council Small Grant, 2002-2003 - $977

University of Missouri Research Council Faculty International Travel Award, 2002 - $784

University of Missouri Research Board, 2000-2001 - $48,414

**Honors and Awards**

University of Pittsburgh Chancellor’s Distinguished Research Award (2007)

AAAS Women’s International Scientific Collaboration Travel Award (2003)

Italian National Research Council Short Term Mobility Travel Award (2003)

American Association of University Women Dissertation Fellowship (1995)

John Dewey Prize Lectureship, University of Chicago (1995)

National Science Foundation Graduate Fellowship (1993)

Rotary Foundation Graduate Scholarship (1991)

**Publications**

**Edited Books**

Iverson, J.M. & Goldin-Meadow, S. (Eds.) (1998). The nature and functions of gesture in children’s communication [New Directions for Child Development, no. 79]. San Francisco: Jossey Bass.

**Journal Articles**

*(^ = current/former undergraduate student co-author; \* =current/former graduate student co-author; # = current/former postdoctoral fellow co-author)*

#LeBarton, E.S. & Iverson, J.M. (in press). Associations between gross motor and communicative development in at-risk infants. *Infant Behavior and Development.*

Wozniak, R.H., \*Leezenbaum, N.L., \*Northrup, J.B., \*West, K.L., & Iverson, J.M. (in press). The development of Autism Spectrum atypicalities: Variability and causal complexity. *WIRED Cognitive Science*.

Charman, T., Brian, J., Carter, A., Carver, L., Chawarska, K., Curtin, S., Dobkins, K., Elsabbagh, M., Georgiades, S., Hertz-Picciotto, I., Hutman, T., Iverson, J.M., Jones, E., Landa, R., Macari, S., Messinger, D., Nelson, C.A., Ozonoff, S., Saulnier, C., Stone, W.L., Tager-Flusberg, H., Webb, S.J., Yirmiya, N., Young, G.S., & Zwaigenbaum, L. (in press). Non-ASD Outcomes at 36 Months in Siblings at Familial Risk for Autism Spectrum Disorder (ASD): A Baby Siblings Research Consortium (BSRC) Study. *Autism Research.*

*\**Focaroli, V., Taffoni, F., Parsons, S.M., Keller, F., & Iverson, J.M. (2016). Performance of motor sequences in children at heightened vs. low risk for ASD: A longitudinal study from 18 to 36 months of age. *Frontiers in Developmental Psychology, 7:724. doi: 10.3389/fpsyg.2016.00724.*

*\**Zuccarini, M., Sansavini, A., Iverson, J.M., Savini, S., Guarini, A., Alessandroni, R., Faldella, G., & Aureli, T. (2016). Object engagement and manipulation in extremely preterm and full term infants at 6 months.*Research in Developmental Disabilities, 55,* 173-184*.*

*\**Benassi, E., Savini, S., Iverson, J.M., Caselli, M.C., Alessandroni, R., Faldella, G., & Sansavini, A. (2016). Gestural and vocal communication and relationships to motor skills in extremely preterm infants. *Research in Developmental Disabilities, 48,* 132-144*.*

Lazenby, D., Sideridis, G., Huntington, N., Prante, M., Dale, P., Curtin, S., Henkel, L., Iverson, J.M., Carver, L., Dobkins, K., Akshoomoff, N., Tagavi, D., Nelson, C., & Tager-Flusberg, H.

(2016). Language Differences at 12 Months in Infants Who Develop Autism Spectrum

Disorder. *Journal of Autism and Developmental Disorders, 46,* 899-909*.*

#LeBarton, E.S. & Iverson, J.M. (2016). Gesture development in toddlers with an older sibling with autism. *International Journal of Language and Communication Disorders, 51,* 18-30*.*

*\**Focaroli, V., Taffoni, F., & Iverson, J.M. (2015). Abilità di pianificazione motoria: Una rassegna sui bambini a sviluppo tipico e con Disturbo dello Spettro Autistico [Motor planning abilities: A review of typically-developing children and children with Autism Spectrum Disorder]. *Psicologia Clinica dello Sviluppo, 19,* 3-26*.*

Messinger, D.S., Young, G.S., Webb, S.J., Ozonoff, S., Bryson, S., Carter, A., Carver, L., Charman, T., Chawarska, K., Curtin, S., Dobkins, K., Hertz-Picciotto, I., Hutman, T., Iverson, J.M., Landa, R., Nelson, C.A., Stone, W.L., Tager-Flusberg, H., & Zwaigenbaum, L. (2015). Early sex differences are not autism-specific: A Baby Siblings Research Consortium study. *Molecular Autism, 6*:32.

\*Northrup, J.B. & Iverson, J.M. (2015). Vocal coordination during early parent-infant interaction predicts language outcome in high-risk infants. *Infancy, 20,* 523-547*.*

\*Parladé, M.V. & Iverson, J.M. (2015). The development of coordinated communication in infants at high risk for Autism Spectrum Disorders. *Journal of Autism and Developmental Disorders, 45,* 2218-2234*.*

\*Rusiewicz, H.L., Shaiman, S., Iverson, J.M., & Szuminsky, N. (2014). Effects of perturbation and prosody on the coordination of speech and gestures*. Speech Communication, 57,* 283-300*.*

Zwaigenbaum, L., Young, G.S., Stone, W.L., Dobkins, K., Ozonoff, S., Brian, J., Bryson, S.E., Carver, L.J., Hutman, T., Iverson, J.M., Landa, R.J., & Messinger, D. (2014). [Early head growth in infants at risk of autism: A Baby Siblings Research Consortium study](http://www.scopus.com/alert/results/record.url?AID=53136&ATP=search&eid=2-s2.0-84907533124&origin=SingleRecordEmailAlert). *Journal of the American Academy of Child and Adolescent Psychiatry*, 53, 1053 – 1062.

\*Koterba, E.A., \*Leezenbaum, N.B., & Iverson, J.M. (2014). Object exploration in infants with and without risk for autism. *Autism, 18,* 97-105*.*

\*Leezenbaum, N.B., Campbell, S.B., ^Butler, D.M., & Iverson, J.M. (2014). Maternal verbal responses to communication of infants at low and heightened risk for autism. *Autism, 18,* 694-703*.*

Aureli, T., Perucchini, P. & Iverson, J.M. (2013). Motor acts and communicative gestures from 9 to 18 months of age in imperative and declarative context: Tracing the origin and development of pointing. *Journal of Applied Psycholinguistics, 13,* 21-30.

#LeBarton, E.S. & Iverson, J.M. (2013). Fine motor skill predicts expressive language in infant siblings of children with autism. *Developmental Science, 16,* 815-827*.*

Messinger, D., Young, G.S., Ozonoff, S., Dobkins, K., Carter, A., Zwaigenbaum, L., Landa, R., Charman, T., Stone, W.L., Constantino, J.N., Hutman, T., Carver, L.J., Bryson, S., Iverson, J.M., Strauss, M., Rogers, S.J., & Sigman, M. (2013). Beyond ASD: A BSRC study of high-risk children at three years of age. *Journal of the American Academy of Child and Adolescent Psychiatry, 52,* 300-308*.*

^Nickel, L.R., ^Thatcher. A.R., Keller, F., Wozniak, R.H., & Iverson, J.M. (2013). Postural development in infants at heightened vs. low risk for Autism Spectrum Disorder. *Infancy, 18,* 639-661.

\*Rusiewicz, H.L., Shaiman, S., Iverson, J.M., & Szuminsky, N. (2014). Effects of Perturbation and Prosody on the Coordination of Speech and Gestures*. Speech Communication, 57,* 283-300*.*

Winder, B.M., Wozniak, R.H., \*Parladé, M.V., & Iverson, J.M. (2013). Spontaneous initiation of communication in infants at low and heightened risk for Autism Spectrum Disorders. *Developmental Psychology, 49,* 1931-1942.

Campolo, D., Taffoni, F., Formica, D., Iverson, J.M., Sparaci, L., Keller, F., & Guglielmelli, E. (2012). Embedding inertial-magnetic sensors in everyday objects: Assessing spatial cognition in children. *Journal of Integrative Neuroscience, 11,* 103-116*.*

Sheinkopf, S.J., Iverson, J.M., Rinaldi, M.L., & Lester, B.M (2012). Atypical cry acoustics in 6-month old infants at-risk for Autism Spectrum Disorder. *Autism Research, 5,* 331-339.

Taffoni, F., Focaroli, V., Formica, D., Guglielmelli, E., Keller, F., & Iverson, J.M. (2012). Sensor-based technology in the study of motor skills in infants at risk for ASD. *Proceedings of the Fourth IEEE RAS/EMBS International Conference on Biomedical Robotics and Biomechatronics*, 1879-1883.

Ozonoff, S., Young, G.S., Carter, A., Messinger, D., Yirmiya, N., Zwaigenbaum, L., Bryson, S., Carver, L.J., Constantino, J., Dobkins, K., Hutman, T., Iverson, J.M., Landa, R., Rogers, S.J., Sigman, M., & Stone, W.L. (2011). Recurrence risk in younger siblings of children with Autism Spectrum Disorders: A BSRC study. *Pediatrics, 128,* e488-e495.

\*Parladé, M.V. & Iverson, J.M. (2011). The interplay between language, affect, and gesture during communicative transition: A dynamic systems approach. *Developmental Psychology, 47,* 820-833*.*

Iverson, J.M. & \*Braddock, B.A. (2011). Links between language, gesture, and motor skill in children with language impairment. *Journal of Speech, Language, and Hearing Research, 54,* 72-86.

Cattani, A., Bonifacio, S., Fertz, M., Iverson, J.M., Zocconi, E., & Caselli, M.C. (2010). Communicative and linguistic development in preterm children: A longitudinal study from 12 to 24 months. *International Journal of Language and Communication Disorders, 45,* 162-173.

Iverson, J.M. (2010). Developing language in a developing body: The relationship between motor development and language development [Target article with invited commentary]. *Journal of Child Language, 37,* 229-261.

Iverson, J.M. (2010). Multimodality in infancy: Vocal-motor and speech-gesture coordinations in typical and atypical development. *Enfance, 3,* 257-274.

\*Parladé, M.V. & Iverson, J.M. (2010). The reorganization of communicative behaviors around the onset of the vocabulary spurt. *Rivista di Psicolinguistica Applicata, 10,* 43-57.

\*Koterba, E.A. & Iverson, J.M. (2009). Investigating motionese: The effect of infant-directed action on infants’ preference and object manipulation. *Infant Behavior and Development, 32,* 437-444.

Stefanini, S., Bello, A., Caselli, M.C., Iverson, J.M., & Volterra, V. (2009). Co-speech gestures in a naming task: Developmental data. *Language and Cognitive Processes, 24,* 168-189.

Zwaigenbaum, L., Bryson, S., Lord, C., Rogers, S., Carter, A., Chawarska, K., Dawson, G., Fein, D., Iverson, J., Landa, R., Stone, W., & Yirmiya, N. (2009). Clinical assessment and management of toddlers with suspected ASD: Insights from studies of high-risk infants. *Pediatrics, 123,* 1383-1391.

Iverson, J.M., Capirci, O., Volterra, V., & Goldin-Meadow, S. (2008). Learning to talk in a gesture-rich world: Early communication of Italian vs. American children. *First Language, 28,* 164-181.

\*Fagan, M.K. & Iverson, J.M. (2007). The influence of mouthing on infant vocalization. *Infancy, 11,* 191-202.

Iverson, J.M., ^Hall, A.J., & ^Nickel, L., & Wozniak, R.H. (2007). The relationship between onset of reduplicated babble and laterality biases in infant rhythmic arm movements. *Brain and Language, 101,* 198-207.

Iverson, J.M. & Wozniak, R.H. (2007). Variation in vocal-motor development in infant siblings of children with autism. *Journal of Autism and Developmental Disorders, 37,* 158-170.

\*Scharp, V.L., Tompkins, C.A., & Iverson, J.M. (2007). Gesture and aphasia: Helping hands? *Aphasiology, 21,* 1-9.

Zwaigenbaum, L., Thurm, A., Stone, W., Baranek, G., Bryson, S., Iverson, J.M., Kau, A., Klin, A., Landa, R., Lord, C., Rogers, S., & Sigman, M. (2007). Studying the emergence of Autism Spectrum Disorders in high-risk infants: Methodological and practical issues. *Journal of Autism and Developmental Disorders, 37,* 466-480.

Goldin-Meadow, S., Goodrich, W., Sauer, E., & Iverson, J.M. (2007). Young children use their hands to tell their mothers what to say. *Developmental Science, 10,* 778-785.

Longobardi, E., Caselli, M.C., & Iverson, J.M. (2007). Input bimodale gesti e parole nell’interazione madre-bambino con sindrome di Down e con sviluppo tipico [Bimodal gestured and spoken input in interactions between mothers of children with Down syndrome and mothers of typically-developing children]. *Psicologia Clinica dello Sviluppo, 9,* 391-406.

\*Braddock, B.A., Farmer, J.F., Deidrick, K.M., Iverson, J.M., & Maria, B.L. (2006). Oromotor and communication findings in Joubert Syndrome: Further evidence of multisystem apraxia. *Journal of Child Neurology, 21,* 160-163.

Iverson, J.M., Longobardi, E., Spampinato, K., & Caselli, M.C. (2006). Gesture and speech in maternal input to children with Down syndrome. *International Journal of Language and Communication Disorders, 41,* 235-251.

Iverson, J.M. & Goldin-Meadow, S. (2005). Gesture paves the way for language development. *Psychological Science, 16,* 367-371.

Iverson, J.M. & \*Fagan, M.K. (2004). Infant vocal-motor coordination: Precursor to the gesture-speech system? *Child Development, 75,* 1053-1066.

Iverson, J.M., Longobardi, E., & Caselli, M.C. (2003). The relationship between gestures and words in children with Down syndrome and typically-developing children in the early stages of communicative development. *International Journal of Language and Communication Disorders, 38,* 179-197.

Capirci, O., Iverson, J.M., Montanari, S., & Volterra, V. (2002). Gestured, signed, and spoken communication in early language development: The role of linguistic input. *Bilingualism: Language and Cognition, 5,* 25-37.

Kelly, S.D., Iverson, J.M., Terranova, J., Niego, J., Hopkins, M., & Goldsmith, L. (2002). Putting language back in the body: Speech and gesture on three developmental timeframes. *Developmental Neuropsychology, 22,* 323-349.

Iverson, J.M. & Goldin-Meadow, S. (2001). The resilience of gesture in talk: Gesture in blind speakers and listeners. *Developmental Science, 4,* 416-422.

Iverson, J.M., Tencer, H.L., Lany, J., & Goldin-Meadow, S. (2000). The relation between gesture and speech in congenitally blind and sighted language-learners. *Journal of Nonverbal Behavior, 24,* 105-130.

Iverson, J.M. (1999). How to get to the cafeteria: Gesture and speech in blind and sighted children’s spatial descriptions. *Developmental Psychology, 35,* 1132-1142.

Iverson, J.M., Capirci, O., Longobardi, E., & Caselli, M.C. (1999). Gesturing in mother-child interactions. *Cognitive Development, 14,* 57-75.

Iverson, J.M. & Thelen, E. (1999). Hand, mouth, and brain: The dynamic emergence of speech and gesture*. Journal of Consciousness Studies, 6,* 19-40.

[Reprinted in R. Nunez, W. Freeman, et al. (Eds.) (2000). *Reclaiming cognition: The primacy of action, intention and emotion* (pp. 19-40). Thorverton, UK: Imprint Academic.]

Iverson, J.M. & Goldin-Meadow, S. (1998). Why people gesture when they speak. *Nature, 396,* 228.

Iverson, J.M. & Goldin-Meadow, S. (1997). What’s communication got to do with it? Gesture in congenitally blind children. *Developmental Psychology, 33,* 453-467.

Capirci, O., Iverson, J.M., Pizzuto, E., & Volterra, V. (1996). Communicative gestures during the transition to two-word speech. *Journal of Child Language, 23,* 645-673.

Iverson, J.M., Capirci, O., & Caselli, M.C. (1994). From communication to language in two modalities. *Cognitive Development, 9,* 23-43.

**Book Chapters**

#LeBarton, E.S. & Iverson, J.M. (to appear). Gesture’s role in learning interactions: A focus on clinical populations. In R.B. Church, M.W. Alibali & S.D. Kelly (Eds.), *Why Gesture? How the hands function in speaking, thinking and communicating.* Amsterdam: John Benjamins.

Iverson, J.M. & Wozniak, R.H. (2016). Transitions to intentional and symbolic communication. In D. Keen, H. Meadan, N. Brady, & J. Halled (Eds.), *Prelinguistic and minimally verbal communicators on the autism spectrum* (pp. 51-72). New York: Springer.

Keller, F. & Iverson, J.M. (2013). The role of inhibitory control of reflex mechanisms in voluntary behavior.In A. Suarez and P. Adams (Eds.), *Is science compatible with free will? Exploring free will and consciousness in the light of quantum physics and neuroscience* (pp. 107-116)*.* New York: Springer.

Goldin-Meadow, S. & Iverson, J.M. (2010). Gesturing over the lifespan. In R. Lerner and W. Overton (Eds.), *Handbook of lifespan development. Volume 1: Methods, biology, neuroscience, and cognitive development* (pp. 36-55)*.* New York: John Wiley.

Volterra, V., Iverson, J.M., & Castrataro, M. (2005). The development of gesture in hearing and deaf children. In B. Schick, M. Marschark, & P. Spencer (Eds.), *Advances in the sign language development of deaf children* (pp. 46-70). New York: Oxford University Press.

Capirci, O., Caselli, M.C., Iverson, J.M., Pizzuto, E., Volterra, V. (2002). Gesture and the nature of language in infancy: The role of gesture as a transitional device enroute to two-word speech. In D.F. Armstrong, M.A. Karchmer, & J.V. Van Cleve (Eds.), *The study of signed languages: Essays in honor of William C. Stokoe* (pp. 213-246). Washington, D.C.: Gallaudet University Press.

Iverson, J.M. (1998). Gesture when there is no gestural model. In J.M. Iverson & S. Goldin-Meadow (Eds.), The nature and functions of gesture in children’s communication. *New Directions for Child Development*, no. 79 (pp. 89-100). San Francisco: Jossey Bass.

Iverson, J.M. & Thal, D.J. (1998). Communicative transitions: There’s more to the hand than meets the eye. In A.M. Wetherby, S.F. Warren & J. Reichle (Eds.), *Transitions in prelinguistic communication: Preintentional to intentional and presymbolic to symbolic* (pp. 59-86). Baltimore: Paul H. Brookes.

Volterra, V. & Iverson, J.M. (1995). When do modality factors affect the course of language acquisition? In K. Emmorey & J. Reilly (Eds.), *Language, gesture, and space* (pp. 371-390). Hillsdale, NJ: Lawrence Erlbaum Associates.

**Reviews and Commentaries**

Iverson, J.M. & Wozniak, R.H. (2006). The growth of the growth point. *Trends in Cognitive Science, 10*, 241-242.

Iverson, J.M. & Thelen, E. (2003). The hand leads the mouth in ontogenesis too. *Brain and Behavioral Sciences, 26,* 225-226.

Wozniak, R.H. & Iverson, J.M. (1995). Something borrowed, something new: The comparative developmental method, cultural-historical theory, and Vygotsky’s use of sources. *Contemporary Psychology, 40,* 207-209.

Messinger, D. S., Young, G. S., Webb, S. J., Ozonoff, S., Bryson, S. E., Carter, A., Carver, L., Charman, T., Chawarska, K., Curtin, S., Dobkins, K., Hertz-Picciotto, I., Hutman, T., Iverson, J.M., Landa, R., Nelson, C.A., Stone, W.L., Tager-Flusberg, H., & Zwaigenbaum, L. (2016). Commentary: sex difference differences? A reply to Constantino. *Molecular Autism, 7(1),* 1-3.

**Refereed Conference Proceedings**

Iverson, J.M. (2001). Coordination between vocalization and rhythmic limb movements in 6- to 9-month-old infants. In J. van der Kamp, A. Ledebt, G. Savelsbergh, & E. Thelen (Eds.), *Advances in motor development and learning in infancy* (pp. 105-106). Amsterdam: IFKB.

**Manuscripts under Review**

Iverson, J.M., \*Northrup, J.B., \*Leezenbaum, N.B., \*Parladé, M.V., \*Koterba, E.A., & \*West, K.L. (invited for resubmission). Early Communicative and Language Development in Infant Siblings of Children with Autism Spectrum Disorder. *Journal of Autism and Developmental Disorders.*

\*West, K.L. & Iverson, J.M. (invited for resubmission). Language learning is hands-on: Exploring links between infants’ object manipulation and verbal input. *Cognitive Development.*

\*West, K.L., Northrup, J.B., Leezenbaum, N.L., & Iverson, J.M. (invited for resubmission). The relation between walking and receptive language in infant siblings of children with Autism Spectrum Disorder. *Child Development.*

**Presentations**

**Invited Presentations (since 2010)**

**2016**

* Invited Speaker, Distinguished Scholars Seminar Series, College of Health Sciences, University of Delaware. Newark, DE.
* Invited Talk, Dipartimento di Psicologia Dinamica e Clinica, Universit**à** di Roma “La Sapienza,” Rome, Italy.
* Invited Speaker, 11th Annual Eleanor M. Saffran Conference on Cognitive Neuroscience of Language Disorders. Philadelphia, PA.

**2015**

* Invited Speaker, Consortium on Autism and Sign Language. Cambridge, MA.
* Invited Speaker, Exercise Science Seminar, University of Nebraska at Omaha. Omaha, NE.
* Invited Speaker, Developmental Brown Bag, The Pennsylvania State University. State College, PA.

**2014**

* Invited Talk, Child Language Workshop. Boys Town National Research Hospital Omaha, NE.
* Keynote Address, Giornate CLASTA [Communication and Language Acquisition Studies in Typical and Atypical Populations]. Bologna, Italy.
* Invited Speaker, International Conference on Non Invasive Tools for Early Detection of Autism Spectrum Disorders. Rome, Italy.
* Invited Panelist, 2014 Meetings of the American Speech & Hearing Association. Orlando, FL.
* Invited Speaker, Conversations on Autism and Sign Language. Stony Brook, NY.

**2013**

* Developmental and Cognitive Brown Bag, Department of Psychology, Carnegie Mellon University, Pittsburgh, PA.
* Invited Talk, Symposium on Perception and Action in Early Development, Rome, Italy.

**2012**

* Invited Address. III Convegno Nazionale Associazione Italiana Disprassia Età Evolutiva [Italian Association for Developmental Dyspraxia], Rome, Italy
* Invited Talk. Developmental Brown Bag, Department of Psychology, The University of Chicago
* Department Colloquium. Department of Psychology, Bucknell University
* Keynote Speaker. Fifth Conference of the International Society for Gesture Studies, Lund, Sweden
* Invited Seminar. Annual Convention of the American Speech and Hearing Association, Atlanta, GA.

**2011**

* Invited Talk. Department of Hearing and Speech Sciences, Vanderbilt University
* Invited Talk. Developmental Training Seminar, Department of Psychological and Brain Sciences, Indiana University
* Invited Talk. Biomechanics and Movement Science Seminar Series, University of Delaware
* Invited Talk. Foundations of Language Seminar, Department of Communication Sciences & Disorders, University of Memphis

**2010**

* Keynote Speaker. V Convegno Associazione Italiana per la Salute Mentale Infantile [Italian Association for Infant Mental Health], Naples, Italy
* Invited Talk. Institute for Cognitive Science and Technology, Italian National Research Council, Rome, Italy
* Invited Short Course. *Movimento ed Età Evolutiva* [Movement and Development]. Università Campus Bio-Medico, Rome, Italy
* Invited Talk. Workshop on Motor Babbling, Rome, Italy

**Conference Presentations (since 2010)**

*(^ = current/former undergraduate student co-author; \* =current/former graduate student co-author; # = current/former postdoctoral fellow co-author)*

* *^*Heymann, P., \*Northrup, J.B., \*Parladé, M.V., \*Leezenbaum, N.B. \*West, K.L. & Iverson, J.M. (2016, May). “The Development of Joint Attention and Vocalizations in Infants at Heightened Risk for Autism Spectrum Disorder. *Poster presented at the International Meeting for Autism Research, Baltimore, MD.*
* Sparaci, L., \*Northrup, J.B., Capirci, O., & Iverson, J.M. (2016, May). “Retrospective Video Analysis of Grasp Types and Functional Actions in Infants at Heightened Risk for Autism Spectrum Disorders.” *Poster presented at the International Meeting for Autism Research, Baltimore, MD.*
* \*West, K.L., \*Leezenbaum, N.B., \*Northrup, J.B. & Iverson, J.M. (2016, May). “Examining the Relation Between Walking and Receptive Language in Infants at Heightened Risk for Autism Spectrum Disorder.” *Poster presented at the International Meeting for Autism Research, Baltimore, MD.*
* \*Leezenbaum N.B. & Iverson, J.M. (2016, May). Posture Development from 6 to 14 Months in Infants with Vs. without Risk for ASD. *Paper presented at the International Meeting for Autism Research, Baltimore, MD.*
* \*Northrup, J.B., *#*Libertus, K., & Iverson, J.M. (2016, May). “Response to Changing Physical Contingencies in Infants at High & Low Risk for Autism Spectrum Disorder at 6 and 10 months.” *Poster presented at the International Conference on Infant Studies, New Orleans, LA.*
* Sparaci, L., \*Northrup, J.B., Capirci, O., & Iverson, J.M. (2016, May). “From Grasping Tools to Functional Actions in Infants at High-Risk for Autism Spectrum Disorders.” *Poster presented at the International Conference on Infant Studies, New Orleans, LA.*
* \*West. K.L. & Iverson, J.M. (2016, May). **“**Exploring Links Between Infants' Initiation And Actions During Toy Play.” *Poster presented at the International Conference on Infant Studies, New Orleans, LA.*
* \*Leezenbaum, N.B. & Iverson, J.M. (2016, May). “Development of Postural Control and Language in Infants With and Without Risk of Autism Spectrum Disorders.” *Paper presented in the symposium “Motor Development in Infants at Risk: Negative Outcomes, Early Diagnosis, and Intervention” (M. Lobo, Chair) at the International Conference on Infant Studies, New Orleans, LA.*
* Iverson, J.M., Shic, F., Wall, C.A., Bensinger-Brody, Y., Curtin, S., Estes, A.M., Gardner, J.M., Hutman, T., Johnson, S., Karmel, B.Z., Landa, R.J., Levin, A.R., Libertus, K., Messinger, D.S., Nelson, C.A., Ozonoff, S., Piven, J., Rogers, S.J., Sacrey, L.A., Sheperd, K., Stone, W.L., Tager-Flusberg, H., Wolff, J.J., Yirmiya, N. & Young, G.S. (2015, May). “Early Gross and Fine Motor Abilities in Infants at Heightened vs. Low Risk for ASD: A BSRC Study.” *Poster presented at the International Meeting for Autism Research, Salt Lake City, UT.*
* Sansavini, A., Zuccarini, M., Iverson, J.M., Savini, S., Guarini, A., & Aureli, T. (2015, March). “Manual Object Exploration at 6 Months in Extremely Preterm and Full-Term Infants.” *Paper presented in the symposium “Motor Perception and Motor Organization: Insights from Infants Born Preterm” (R. Geva, Chair) at the International Convention on Psychological Science, Amsterdam, The Netherlands.*
* \*Leezenbaum, N.B., *#*LeBarton, E.S., & Iverson, J.M. (2015, March). “Postural Development and Relations to Communication in Infants with vs. without Risk for ASD.” *Paper presented in the symposium “Infant Motor and Psychological Development: New Findings on a Classic Topic” (E. Walle, Chair) at the Biennial Meetings of the Society for Research In Child Development, Philadelphia, PA.*
* \*Northrup, J.B. & Iverson, J.M. (2015, March). “Maternal Responses to Infant Pre-Speech and Non-Speech Vocalizations in Infants at High Risk for ASD.” *Paper presented in the symposium “The Role of Social and Sensorimotor Coordination in Communicative Development of Typical and At-Risk Infants” (M. Elston & G. Mason, Chairs) at the Biennial Meetings of the Society for Research In Child Development, Philadelphia, PA.*
* \*Parlade, M.V., \*Leezenbaum, N.B., & Iverson, J.M. (2015, March). “Early Gesture-Speech Combinations during Parent-Child Interactions in Infants at Heightened Risk for Autism Spectrum Disorder.” *Paper presented in the symposium “From Gestures to First Words: How Parents’ Responsiveness Boosts Vocabulary in Typical and Atypical Language Development” (N. Dimitrova, Chair)* *at the Biennial Meetings of the Society for Research In Child Development, Philadelphia, PA.*
* \*West, K.L. & Iverson, J.M. (2015, March). “Exploring Links between Infant Object Manipulation and Caregiver Labeling.” *Paper presented in the symposium “Many Moving Parts: Examining the Role of Motor Ability in Cognitive Development” (K.L. West, Chair)* *at the Biennial Meetings of the Society for Research In Child Development, Philadelphia, PA.*
* *#*Libertus, K. & Iverson, J.M. (2014, May). “Learning from Exploration: Manual Exploration Strategies in Infants with and without ASD.” *Poster presented at the International Meeting for Autism Research, Atlanta, GA.*
* \*Northrup, J.B. & Iverson, J.M. (2014, May). “Vocal Coordination during Early Parent-Infant Interactions Predicts Language Outcome in High Risk Infants**.”** *Paper presented at the International Meeting for Autism Research, Atlanta, GA.*
* \*West, K., \*Leezenbaum, N.B., \*Northrup, J.B., & Iverson, J.M. (2014, May). “The Relationship between Rhythmic Movement and Babble Onset in Infants at Heightened Risk for ASD.” *Poster presented at the International Meeting for Autism Research, Atlanta, GA.*
* Focaroli, V., Taffoni, F., Tamilia, E., Keller, F., & Iverson, J.M. (2014, July). “Motor Planning Ability in Children at High vs. Low Risk for Autism Spectrum Disorder.” *Poster presented at the International Conference on Infant Studies, Berlin, Germany.*
* Taffoni, F., Focaroli, V., Tamilia, E., Keller, F., & Iverson, J.M. (2014, August). “A Technological Approach to Studying Motor Planning Ability in Children at High Risk for ASD.” *Poster presented at the 36th Annual International IEEE EMBS Conference, Chicago, IL.*
* Grittmann, A., Doll, E., Miller, J.L., & Iverson, J.M. (2013, April). “Maternal Behaviors Influence Language Development of Infants At-risk for Autism.” *Poster presented at the Biennial Meetings of the Society for Research in Child Development, Seattle, WA.*
* ^Kalinoski, K., \*Northrup, J.B., ^Mihalko, L.R., & Iverson, J.M. (2013, April). “Changes in Play Behavior from 12 to 18 Months in Infants at Heightened Risk for Autism.” *Poster presented at the Biennial Meetings of the Society for Research in Child Development, Seattle, WA.*
* \*Parlade, M.V. & Iverson, J.M. (2013, April). “The Development of Coordinated Social Communication in Infants at High Risk for Autism Spectrum Disorders.” *Paper presented in the symposium “Gesture in Atypical Development” (E. LeBarton, Chair) at the Biennial Meetings of the Society for Research in Child Development, Seattle, WA.*
* #LeBarton, E.S. & Iverson, J.M. (2013, April). “Gesture and Spoken Language in Toddlers who have an Older Sibling with Autism.” *Paper presented in the symposium “Gesture in Atypical Development” (E. LeBarton, Chair) at the Biennial Meetings of the Society for Research in Child Development, Seattle, WA.*
* \*Northrup, J.B. & Iverson, J.M. (2013, April). “Coordinated Interpersonal Timing in 9-month Olds at High and Low Risk for Autism Spectrum Disorder and Their Mothers.”   
  *Paper presented in the symposium “****The Value of Micro-Analysis of Parent-Infant Interactions to Understanding Development in At-Risk Populations”*** *(J.B. Northrup, Chair) at the Biennial Meetings of the Society for Research in Child Development, Seattle, WA.*
* \*Leezenbaum, N.B., Campbell, S.B., ^Butler, D.M., \*Northrup, J.B., & Iverson, J.M. (2012, June). “Differing Opportunities for Verbal Input as a Window into Communication Development in High Risk Infants.”*Paper presented in the symposium “Prelinguistic Gestures: Effects On, and Effects Of, Caregiver Responsiveness”(J. Gros-Louis, Chair) at the 18th Meeting of the International Society for Infant Studies, Minneapolis, MN.*
* Iverson, J.M. (2012, June). “Examining the Links between Motor and Communicative Development.” *Discussion presented in the symposium “Examining the Links between Motor and Communicative Development” (M. Gattis, Chair)* *at the 18th Meeting of the International Society for Infant Studies, Minneapolis, MN.*
* Berger, S., Poteat, T., & Iverson, J.M. (2012, June). “Moment-to-Moment Behavioral Trade-Offs During the Acquisition of Motor and Language Milestones.” *Poster presented at the 18th Meeting of the International Society for Infant Studies, Minneapolis, MN.*
* \*Parlade, M.V. & Iverson, J.M. (2012, May)*.* “Assessment of Social Communication in Infants at High Risk for Autism Spectrum Disorders: A Comparison of Contexts.”*Paper presented at the International Meeting for Autism Research, Toronto, Ontario, Canada.*
* Messinger, D., Young, G.S., Ozonoff, S., Dobkins, K., Carter, A., Zwaigenbaum, L., Landa, R., Charman, T., Strauss, M., Constantino, J.N., Bryson, S., Hutman, T., Iverson, J.M., Carver, L.J., Rogers, S.J., Sigman, M., & Stone, W.L. (2012, May). “Beyond ASD: Developmental Outcomes in High-Risk Sibings.” *Paper presented at the International Meeting for Autism Research, Toronto, Ontario, Canada.*
* Harbourne, R., Galloway, C., & Iverson, J.M. (2012, February). “Moving to Learn, Learning to Move: A New Perspective on Developmental Intervention.” *Educational Session presented at the Combined Sections Meeting of the American Physical Therapy Association, Chicago, IL.*
* Iverson, J.M. (2011, August). “It’s Not Just a Lot of Hand Waving: What Gesture Tells Us about the Future.”  *Paper presented in the symposium “Mentoring Award in Honor of Susan Goldin-Meadow” (M.W. Alibali, Chair) at the 119th Convention of the American Psychological Association, Washington, DC.*
* Iverson, J.M., \*Leezenbaum, N.B., ^Butler, D.M., & \*Jakubowski, K.P. (2011, July). “Fit and Fine-Tuning in Interactions between Mothers and Infants at High vs. Low Risk for Autism Spectrum Disorders.” *Paper presented in the symposium “Verbal and Nonverbal Modalities Contribute to Building Social Interaction and the Lexicon in At-Risk and Atypically-Developing Children” (A. Sansavini, Chair) at the 12th Congress of the International Association for the Study of Child Language, Montreal, Canada.*
* #LeBarton, E.S. & Iverson, J.M. (2011, July). “Relating Vocal and Motor Development in Infant Siblings of Children with Autism.” *Paper presented in the symposium “Language and Motor Links in Typical and Atypical Development” (K. Alcock, Chair) at the 12th Congress of the International Association for the Study of Child Language, Montreal, Canada.*
* ^Butler, D.M., \*Leezenbaum, N.L., \*Northrup, J.B., & Iverson, J.M. (2011, May). “Maternal Responses to Vocal Bids of Infants at High versus Low Risk for Autism.” *Paper presented at the International Meeting for Autism Research, San Diego, CA.*
* \*Parladé, M.V., ^Schuessler, K.S., & Iverson, J.M. (2011, May). “The Development of Multimodal Communication in Infants at High Risk for Autism Spectrum Disorders.” *Paper presented at the International Meeting for Autism Research, San Diego, CA.*
* Iverson, J.M. (2011, April). “Dancing with the Stars: The Infant-Environment System as a Dynamic System of Systems”. *Discussion presented in the symposium “New Insights from Dynamic Systems Approaches to Development” (V.R. Simmering & S. Perone, Chairs)* *at the Biennial Meetings of the Society for Research in Child Development, Montreal, Quebec, Canada.*
* Iverson, J.M. (2011, April). “Movement and Attention Create Optimal Moments for Language Learning”. *Discussion presented in the symposium “Embodied Language Development: The Relationship between Motor and Language Development” (P. Leseman, Chair) at the Biennial Meetings of the Society for Research in Child Development, Montreal, Quebec, Canada.*
* ^Jakubowski, K.P. & Iverson, J.M. (2011, April). “Attention-Related Communication in Interactions between Toddlers at High vs. Low Risk for Autism and their Mothers.” *Poster presented at the Biennial Meetings of the Society for Research in Child Development, Montreal, Quebec, Canada.*
* ^Johnson, J.L., ^Kalinoski, K.L., & Iverson, J.M. (2011, April). “On a Picnic with Teddy: The Development of Functional Play in Infants at Heightened Risk for Autism.” *Poster presented at the Biennial Meetings of the Society for Research in Child Development, Montreal, Quebec, Canada.*
* ^Kurtz, N.M., Wozniak, R.H., & Iverson, J.M. (2011, April). “Spontaneous and Elicited Immediate Imitation in Toddlers at Low- and Heightened-Risk for Autism Spectrum Disorders.” *Poster presented at the Biennial Meetings of the Society for Research in Child Development, Montreal, Quebec, Canada.*
* #LeBarton, E.S. & Iverson, J.M. (2011, April). “Fine Motor Skills and Early Language Development in Infant Siblings of Children with ASD.” *Poster presented at the Biennial Meetings of the Society for Research in Child Development, Montreal, Quebec, Canada.*
* \*Leezenbaum, N.L., ^Butler, D.M., & Iverson, J.M. (2011, April). “Maternal Responses to Deictic Gestures of Infants at High versus Low Risk for Autism.” *Poster presented at the Biennial Meetings of the Society for Research in Child Development, Montreal, Quebec, Canada.*
* \*Rusiewicz, H.L., Shaiman, S., Iverson, J.M., & Szuminsky, N. (2011, March).  “Temporal entrainment of prosodic stress and pointing gestures.”  *Paper presented at the annual ASHA Revisited Meeting of the Southwestern Pennsylvania Speech-Language-Hearing Association (SWPSHA), Pittsburgh, PA.*

**Professional Activities**

**Scientific Advisory Boards**

*Giornale di Psicologia dello Sviluppo* [Journal of Developmental Psychology], 2010-2013

**Editorial Boards**

*Cognitive Semiotics*, 2008-present

*Frontiers in Developmental Psychology,* 2010-present

*Journal of Child Language,* 2011-present

*Language Learning and Development*, 2005-present

*Infancy,* 2013-present

**Guest Associate Editor**

*Journal of Speech, Language, and Hearing Research*, 2007

**Editorial Consultant**

*Autism Research*

*Biological Psychiatry*

*Brain and Language*

*British Journal of Developmental Psychology*

Child Development

*Cognition and Instruction*

*Developmental Psychobiology*

*Developmental Psychology*

*Developmental Science*

*European Journal of Neuroscience*

*Experimental Brain Research*

*First Language*

*Gesture*

*Infancy*

*Infant and Child Development*

*International Journal of Language and Communication Disorders*

*Journal of Abnormal Child Psychology*

*Journal of Autism and Developmental Disorders*

*Journal of Child Language*

*Journal of Comparative Psychology*

*Journal of Memory and Language*

*Journal of Nonverbal Behavior*

*Journal of Speech, Language, and Hearing Research*

*Language and Cognitive Processes*

*Neuropsychologia*

*Psychological Science*

*Perspectives in Psychological Science*

*Psychological Science*

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Cambridge University Press

**Other Review Activities**

Permanent Member, NIH Child Psychopathology and Developmental Disabilities Study Section, 2012-2016

Ad Hoc Reviewer, Autistica

Ad Hoc Reviewer, Autism Speaks

Ad Hoc Reviewer, Department of Defense CDMRP Autism Research Program

Ad Hoc Reviewer, Economic and Social Research Council

Ad Hoc Member, NIH Child Psychopathology and Developmental Disabilities Study Section

Ad Hoc Reviewer, National Science Foundation

Ad Hoc Reviewer, Israel Science Foundation

Ad Hoc Reviewer, Sigma Delta Epsilon Graduate Women in Science Fellowships

Ad Hoc Reviewer, Summer Faculty Fellowships, Villanova University

**Professional Service**

Faculty facilitator, International Meeting for Autism Research Early Career Workshop, 2015

Executive Committee, NIH/Autism Speaks Baby Siblings Research Consortium, 2014-present

Member, Italian Ministry of Education Commission for the *Abilitazione Scientifica Nazionale* [National Scientific Qualification] in Developmental and Educational Psychology, 2013-2015

Scientific Committee, Congress of the International Association for the Study of Child Language, 2013

Treasurer, International Society for Gesture Studies, 2012-present

Mentor, American Speech and Hearing Association Clinical Practice Research Institute, 2011

NIH R03 submission Pre-Reviewer for Dr. Sarah Berger, Gender Equity Project, Hunter College-CUNY, 2010

Review Panel, Conference on Multimodality in Children’s Communication, 2009

Review Panel, International Conference on Infant Studies, 2008, 2012

Scientific Committee,Conference of the International Society for Gesture Studies, 2004, 2007, 2016

Review Panel, Annual Meeting of the Cognitive Science Society, 2004, 2005

Review Panel, Society for Research in Child Development (Language Panel), 2001, 2012

Scientific Consultant, “Who am I?” exhibit, The Wellcome Wing, Science Museum (London), 2000

**Professional Affiliations**

NIH/Autism Speaks Baby Siblings Research Consortium (Chair, Motor Development Work Group)

International Association for the Study of Child Language

International Society for Gesture Studies

International Society for Infant Studies

International Society for Autism Research

Society for Research in Child Development