

MARIE MOORE CHANNELL, PH.D.
University of Illinois at Urbana-Champaign
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EDUCATION

B.S., Psychology, University of Alabama, 2006

Honors Thesis: *Emotion Recognition Skills and Recall of Emotional Content in Preschoolers*

M.A., Developmental Psychology, University of Alabama, 2009

Thesis: *Awareness of Rhyme in Children and Adolescents with Down Syndrome*

Ph.D., Developmental Psychology, University of Alabama, 2012

Dissertation: *Evidence of Emotion Knowledge in Down Syndrome*

ACADEMIC POSITIONS / EMPLOYMENT

Assistant Professor, Speech and Hearing Science, University of Illinois at Urbana-Champaign (2015-present)

Postdoctoral Scholar, MIND Institute, University of California, Davis (2012-2013, 2014-2015)

Postdoctoral Fellow, Autism Research Training Program, MIND Institute, University of California, Davis (2013-2014)

Academic Tutor, Center for Athletic Student Services, University of Alabama (2010-2012)

Graduate Teaching Assistant, Department of Psychology, University of Alabama (2006-2010, 2011)

Graduate Research Assistant, Intellectual Disabilities Research Lab, Department of Psychology, University of Alabama (2006-2012)

Research Assistant, Child Emotion Research Lab, Institute for Social Science Research, University of Alabama (2005-2007)

Research Assistant, Coping Power Program, Center for Prevention of Youth Behavior Problems, University of Alabama (2005-2007)

HONORS & RECOGNITION

National

Trainee, American Speech-Language-Hearing Association (ASHA) Lessons for Success (2016)

Theodore Tjossem Postdoctoral Award, Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities (2014)

Trainee, Interdisciplinary Training Conference on Developmental Disabilities (2011, 2012, 2013, 2014)

David Zeaman Student Award, Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities (2010)

Phi Beta Kappa (2006)

Campus

Center on Health, Aging, and Disability Travel Award, University of Illinois at Urbana-Champaign (2017)

Office of the Vice Chancellor for Research Scholars Travel Award, University of Illinois at Urbana-Champaign (2015)

Psychology Department and Graduate School Research Award, University of Alabama (2007, 2011)

Psychology Department and Graduate School Travel Award, University of Alabama (2007, 2008, 2010, 2011)

FELLOWSHIPS

Ruth L. Kirschstein National Research Service Award (T32), National Institute of Mental Health (2013-2014)
Graduate Council Research/Creative Activity Fellowship, University of Alabama (2008-2009)

PEER-REVIEWED PUBLICATIONS

- Loveall, S. J., **Channell**, M. M., Phillips, B. A., Abbeduto, L., & Conners, F. A. (2016). Receptive vocabulary analysis in Down syndrome. *Research in Developmental Disabilities, 55*, 161-172.
- Channell**, M. M., McDuffie, A. S., Bullard, L. M., & Abbeduto, L. (2015). Narrative language competence in children and adolescents with Down syndrome. *Frontiers in Behavioral Neuroscience, 9*, 283. doi: 10.3389/fnbeh.2015.00283.
- Kana, R. K., Patriquin, M. A., Black, B. S., **Channell**, M. M., & Wicker, B. (2015). Altered medial frontal and superior temporal response to implicit processing of emotions in autism. *Autism Research*, advance online publication. doi: 10.1002/aur.1496.
- Channell**, M. M., Phillips, B. A., Loveall, S. J., Conners, F. A., Bussanich, P. M., & Klinger, L. G. (2015). Patterns of autism spectrum symptomatology in individuals with Down syndrome without comorbid autism spectrum disorder. *Journal of Neurodevelopmental Disorders, 7*, 1866-1955. doi: 10.1186/1866-1955-7-5.
- Thurman, A. J., McDuffie, A., Kover, S. T., Hagerman, R. J., **Channell**, M. M., Mastergeorge, A., & Abbeduto, L. (2015). Use of emotional cues for lexical learning: A comparison of autism spectrum disorder and fragile X syndrome. *Journal of Autism and Developmental Disorders, 45*, 1042-1061. doi 10.1007/s10803-014-2260-1.
- Channell**, M. M., Conners, F. A., & Barth, J. M. (2014). Emotion knowledge in children and adolescents with Down syndrome: A new methodological approach. *American Journal on Intellectual and Developmental Disabilities, 119*, 405-421. doi: 10.1352/1944-7558-119.5.405.
- Channell**, M. M., Thurman, A. J., Kover, S. T., & Abbeduto, L. (2014). Patterns of change in nonverbal cognition in adolescents with Down syndrome. *Research in Developmental Disabilities, 35*, 2933-2941. doi: 10.1016/j.ridd.2014.07.014.
- Phillips, B. A., Loveall, S. A., **Channell**, M. M., & Conners, F. A. (2014). Matching variables in Down syndrome research: Leiter-R versus PPVT-4. *Research in Developmental Disabilities, 35*, 429-438. doi: 10.1016/j.ridd.2013.11.016.
- Loveall, S. J., **Channell**, M. M., Phillips, B. A., & Conners, F. A. (2013). Phonological recoding, rapid automatized naming, and orthographic knowledge. *Journal of Experimental Child Psychology, 116*, 738-746. doi: 10.1016/j.jecp.2013.05.009.
- Channell**, M. M., & Barth, J. M. (2013). Individual differences in preschoolers' emotion content memory: The role of emotion knowledge. *Journal of Experimental Child Psychology, 115*, 552-561. doi: 10.1016/j.jecp.2013.01.012.

Channell, M. M., Loveall, S. J., & Conners, F. A. (2013). Strengths and weaknesses in reading skills of youth with intellectual disabilities. *Research in Developmental Disabilities, 34*, 776-787. doi: 10.1016/j.ridd.2012.10.010.

Kana, R. K., Libero, L. E., & **Moore**, M. S. (2011). Disrupted cortical connectivity theory as an explanatory model for autism spectrum disorders. *Physics of Life Reviews, 8*, 410-437. doi: 10.1016/j.plrev.2011.10.001.

Conners, F. A., **Moore**, M. S., Loveall, S. J., & Merrill, E. C. (2011). Memory profiles of Down, Williams, and fragile X syndromes: Implications for reading development. *Journal of Developmental and Behavioral Pediatrics, 32*, 405-417. doi: 10.1097/DBP.0b013e3182168f95.

Conners, F. A., Loveall, S. J., **Moore**, M. S., Hume, L. E., & Maddox, C. D. (2011). An individual differences analysis of the self-teaching hypothesis. *Journal of Experimental Child Psychology, 108*, 402-410. doi: 10.1016/j.jecp.2010.09.009.

Conners, F. A., Rosenquist, C. J., Arnett, L. T., **Moore**, M. S., & Hume, L. E. (2008). Improving memory span in children with Down syndrome. *Journal of Intellectual Disability Research, 52*, 244-255. doi: 10.1111/j.1365-2788.2007.01015.x.

MANUSCRIPTS UNDER REVISION OR REVIEW

Ashby, S. A., **Channell**, M. M., & Abbeduto, L. (submitted). Inferential language use by youth with Down syndrome during narration.

Channell, M. M., Loveall, S. J., Conners, F. A., Harvey, D. J., & Abbeduto, L. (under revision). Narrative language sampling in typical development: Implications for intellectual and developmental disabilities.

Rosser, T. C., Edgin, J. O., Capone, G. T., Hamilton, D., Allen, E. G., Dooley, K. J., ... **Channell**, M. M., ... Sherman, S. L. (submitted). Factors associated with cognition and behavior among individuals with Down syndrome: A report from the Down Syndrome Cognition Project.

BOOK CHAPTERS

McDuffie, A., Thurman, A. J., **Channell**, M. M., & Abbeduto, L. (2017). Language disorders in children with intellectual disability of genetic origin. In R. Schwartz (Ed.), *Handbook of Child Language Disorders, Second Edition* (pp. 52-81). New York: Taylor & Francis.

McDuffie, A., Thurman, A. J., **Channell**, M. M., & Abbeduto, L. (2016). Learning words in a social world: Impairments associated with autism spectrum disorder and fragile X syndrome. In L. Naigles (Ed.), *Innovative Investigations of Language in Autism Spectrum Disorder* (pp. 71-87). Washington, D.C.: APA.

PEER-REVIEWED PRESENTATIONS

Spoken Presentations

Channell, M. M., Loveall, S. J., Conners, F. A., & Abbeduto, L. (2017, March). *Verb production in Down syndrome, intellectual disability, and typical development*. Paper presented at the annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Antonio, Texas.

Loveall, S. J., **Channell**, M. M., Conners, F. A., & Abbeduto, L. (2017, March). *Density and diversity of verb use by individuals with Down syndrome during narrative storytelling*. Paper presented at the annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Antonio, Texas.

Ashby, S. A., **Channell**, M. M., & Abbeduto, L. (2017, March). *Inference generation in narrative retells by youth with Down syndrome*. Paper presented at the annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Antonio, Texas.

Abbeduto, L., McDuffie, A., Thurman, A.J., & **Channell**, M.M. (2015, June). *Measuring language change in individuals with Down syndrome: Expressive language sampling*. Invited presentation at the International Conference of the Trisomy 21 Research Society: Changing Paradigms in Down Syndrome, Paris, France.

Channell, M. M., McDuffie, A., Bullard, L. M., Chela, M. K., Feigles, R. T., & Abbeduto, L. (2015, April). *Narrative structure in adolescents with Down syndrome or fragile X syndrome*. Paper presented at the annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, New Orleans, Louisiana.

Thurman, A. J., **Channell**, M. M., McDuffie, A., Brown, T., & Abbeduto, L. (2014, July). *A longitudinal examination of expressive language in males and females with fragile X syndrome*. Paper presented at the 14th International Fragile X Conference, Orange County, California.

Bullard, L., Parsons, K., **Channell**, M. M., McDuffie, A., & Abbeduto, L. (2014, July). *Narrative language competence 1: Story completeness in males with fragile X syndrome*. Paper presented at the 14th International Fragile X Conference, Orange County, California.

Chela, M., Bullard, L., Castignetti, N., **Channell**, M. M., McDuffie, A., & Abbeduto, L. (2014, July). *Narrative language competence 2: Story organization in males with fragile X syndrome*. Paper presented at the 14th International Fragile X Conference, Orange County, California.

Feigles, R. T., Wong, C., **Channell**, M. M., McDuffie, A., & Abbeduto, L. (2014, July). *Narrative language competence 3: The use of narrative evaluations by males with fragile X syndrome*. Paper presented at the 14th International Fragile X Conference, Orange County, California.

Channell, M. M., Chela, M. K., & Abbeduto, L. (2014, March). *The use of mental state language by children and adolescents with Down syndrome*. Paper presented at the annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, Chicago, Illinois.

Loveall, S. J., Conners, F. A., & **Moore**, M. S. (2012, March). *Orthographic processing in youth with intellectual disability*. Paper presented at the annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, Annapolis, Maryland.

Moore, M. S., Loveall, S. J., Conners, F. A., Hume, L. E., & Maddox, C. D. (2010, March). *Possible causes of the phonological decoding difficulty in adolescents with intellectual disability*. Paper presented at the annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, Annapolis, Maryland.

Conners, F. A., **Moore**, M. S., Loveall, S. J., Hume, L. E., & Maddox, C. D. (2009, June). *Strengths and weaknesses in reading skills of children with intellectual disability*. Paper presented at the annual meeting of the Society for the Scientific Study of Reading, Boston, Massachusetts.

Moore, M. S. (2007, February). *Preschoolers' memory for emotions*. Oral presentation given at the annual University of Alabama Graduate Student Association Conference, Tuscaloosa, Alabama.

Poster Presentations

Channell, M. M., Loveall, S. J., Conners, F. A., & Abbeduto, L. (2017, June). *Analysis of word production by individuals with Down syndrome during narration*. Poster to be presented at the 38th annual Symposium on Research in Child Language Disorders, Madison, Wisconsin.

Ashby, S. A., & **Channell**, M. M. (2017, February). *Assessment of inference generation in the context of narrative discourse*. Poster presented at the annual Illinois Speech-Language-Hearing Association Convention, Rosemont, Illinois.

Channell, M. M., Loveall, S. J., Conners, F. A., & Abbeduto, L. (2015, November). *Normative data on measures derived from expressive language sampling in the context of narration*. Poster presented at the annual American Speech-Language-Hearing Association Convention, Denver, Colorado.

Channell, M. M., McDuffie, A., Chela, M. K., Bullard, L. M., & Abbeduto, L. (2015, March). *Narrative language competence in youth with Down syndrome or fragile X syndrome*. Poster presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, Pennsylvania.

Copeland, B. S., Patriquin, M. A., Wicker, B., **Channell**, M. M., & Kana, R. K. (2014, April). *Atypical medial prefrontal cortex response to implicit emotion processing in autism spectrum disorders*. Poster presented at the annual International Meeting for Autism Research, Atlanta, Georgia.

Channell, M. M., Conners, F. A., & Barth, J. M. (2013, April). *Evidence of emotion knowledge in children and adolescents with Down syndrome*. Poster presented at the biennial meeting of the Society for Research in Child Development, Seattle, Washington.

Channell, M. M., Thurman, A. J., Kover, S. T., & Abbeduto, L. (2013, April). *Patterns of change in nonverbal cognitive abilities in youth with Down syndrome*. Poster presented at the Workshop on Cognition in Down Syndrome, Washington, D.C.

Channell, M. M., Loveall, S. J., Phillips, B. A., Conners, F. A., Bussanich, P. M., & Klinger, L. G. (2013, March). *Autism symptomatology in youth with Down syndrome who do not meet criteria for autism*. Poster presented at the annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Antonio, Texas.

Phillips, B. A., **Channell**, M. M., Loveall, S. J., & Conners, F. A. (2013, March). *Matching variables in Down syndrome research: Leiter versus PPVT*. Poster presented at the annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Antonio, Texas.

Loveall, S. J., Phillips, B. A., **Channell**, M. M., Abbeduto, L., & Conners, F. A. (2013, March). *Receptive vocabulary pattern analysis in Down syndrome*. Poster presented at the annual Gatlinburg Conference

on Research and Theory in Intellectual and Developmental Disabilities, San Antonio, Texas.

Moore, M. S., Wicker, B., & Kana, R. K. (2012, May). *Altered ventral and medial prefrontal cortex response to implicit emotion processing in adults with autism.* Poster presented at the annual International Meeting for Autism Research, Toronto, Ontario.

Moore, M. S., Loveall, S. J., Conners, F. A., & Phillips, B. A. (2011, July). *Individual differences in RAN and orthographic knowledge: Word-specific vs. general.* Poster presented at the annual meeting of the Society for the Scientific Study of Reading, St. Pete Beach, Florida.

Moore, M. S., Loveall, S. J., & Conners, F. A. (2011, March). *Word identification in adolescents with intellectual disabilities.* Poster presented at the annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Antonio, Texas.

Loveall, S. J., **Moore, M. S., & Conners, F. A. (2010, July).** *An individual difference analysis of the self-teaching hypothesis.* Poster presented at the annual meeting of the Society for the Scientific Study of Reading, Berlin, Germany.

Loveall, S. J., Conners, F. A., **Moore, M. S., Hume, L. E., & Pearson, K. (2009, March).** *An individual-difference analysis of the self-teaching hypothesis in children's reading.* Poster presented at the annual University of Alabama Graduate Student Association Conference, Tuscaloosa, Alabama.

Moore, M. S., Benson, M. J., Conners, F. A., & Merrill, E. C. (2008, March). *Matching designs in cognitive research in intellectual and developmental disabilities.* Poster presented at the annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Diego, California.

Moore, M. S., & Barth, J. M. (2007, March). *Preschoolers' emotion knowledge and memory for emotional content.* Poster presented at the biennial meeting of the Society for Research in Child Development, Boston, Massachusetts.

GRANTS

Ongoing Research Support

R03 HD083596 NIH/NICHD

Parent and Child Predictors of Mental State Language Development in Down Syndrome

Award period: 01/01/2016 - 12/31/2017

Award amount: \$158,599 (total costs)

Role: PI

LuMind Research Down Syndrome Foundation (PI: Sherman)

Down Syndrome Cognition Project

Award period: 10/01/2016- 5/31/2017

Award amount: \$17,083 (total costs)

Role: Subcontract PI

Completed Research Support

LuMind Research Down Syndrome Foundation (PI: Sherman/Reeves)

Down Syndrome Cognition Project

Award period: 11/01/2014- 5/31/2015

Role: Co-Investigator

Down Syndrome Research and Treatment Foundation (PI: Reeves)

Down Syndrome Phenotype Project

Award period: 06/01/2012-05/31/2014

Role: Co-Investigator

TEACHING ACTIVITIES

Courses Taught at University of Illinois at Urbana-Champaign (2015- present)

SHS 380: Communicative Competence and Disorders (Spring 2016, Spring 2017) – *List of Teachers Ranked as Excellent (2017)*

SHS 533: Advanced Language Diagnostics (Fall 2016)

SHS 120: Children, Communication, and Language Ability (Fall 2016, Fall 2017) – *List of Teachers Ranked as Excellent (2016)*

Other Teaching Activities at University of Illinois at Urbana-Champaign

Instructional Team Member, Online Course Redesign

SHS 120-online: Children, Communication, and Language Ability (Spring 2016, Summer 2016)

Courses Taught at University of Alabama (2007-2012)

PY 352: Developmental Psychology (Co-Instructor, Spring 2011)

PY 101: Introduction to Psychology (Fall 2009, Fall 2010)

PY 356: Experimental Psychology Research Lab (Fall 2007, Spring 2008, Summer 2008)

SERVICE ACTIVITIES

Public Engagement

Channell, M. M., & Hahn, L. J. (2017, April). *Characterizing development in Down syndrome: From infancy through adolescence*. Research presented to parents of children with Down syndrome at the inaugural 2017 Down Syndrome Indiana Research Conference, Indianapolis, Indiana.

Channell, M. M. (2017, March). *Supporting individuals with Down syndrome and their families through research*. Overview of the research process presented at the monthly meeting of Dads Appreciating Down Syndrome (D.A.D.S.), Indianapolis, Indiana.

Channell, M. M. (2014, April). *An overview of current research on school-aged individuals with Down syndrome*. Workshop presented to parents, teachers, and clinicians at the Solano SELPA Inclusion Summit, Suisun, California.

Professional Service

Gatlinburg Conference Executive Committee Member (2015-present)

Reviewer for Professional Journals:

American Journal of Medical Genetics

American Journal on Intellectual and Developmental Disabilities

Developmental Medicine and Child Neurology

International Journal of Language and Communication Disorders

Journal of Communication Disorders

Journal of Experimental Child Psychology

Journal of Intellectual Disability Research

Research in Developmental Disabilities

University Service

Departmental Representative, Awards Committee, College of Applied Health Sciences (2016-17)

Member, Capricious Grading Committee, College of Applied Health Sciences (2016-17)

Member, Education Policy Committee, Department of Speech and Hearing Science (2016-17)