

## Curriculum Vitae October 2018

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### EDUCATION

Ph. D., Psychology and Research in Education, University of Kansas, Lawrence, Kansas, May 1998

M.S. Ed., Educational Psychology and Research, University of Kansas, Lawrence, Kansas, 1995

B.G.S., Psychology, University of Kansas, Lawrence, Kansas, 1992

University of Nebraska, Lincoln, Nebraska, 1988-1991 Education and Psychology

### PROFESSIONAL POSITIONS

2014 – present Associate Scientist – General Director, Life Span Institute, Research Design and Analysis Unit, University of Kansas

2007-2014 Assistant Scientist- Coordinator, Life Span Institute, Research Design and Analysis Unit, University of Kansas.

1998-2007 Statistical and Informational Officer, Life Span Institute, Research Design and Analysis Unit, University of Kansas

1998-1999 Research Associate, Evaluation of the First Things First Initiative in Kansas City, Kansas schools, grant funded by the Kauffman Foundation, Principal Investigators: Dr. Steven Lee and Dr. Nona Tollefson

1998 Lecturer, Department of Psychology and Research in Education, University of Kansas, Introduction to Measurement course, Summer

1995-1996 Statistical Consultant, Dr. Cathy Kea, North Carolina Agricultural and Technical University

1995-1996 Graduate Research Assistant, Life Span Institute, Dr. Janet Marquis, Research Design and Analysis Unit, University of Kansas

1995 Graduate Research Assistant, Dr. Marvin Fine, University of Kansas

1995 Statistical Consultant, School Site Council Survey, Dr. Karen Gallagher, University of Kansas

1994 Data manager/Statistical Consultant, Kansas City Kansas Special Education Department, Collaborative Teaching Study, Sydney Shepard

- 1994 Graduate Teaching Assistant, Multiple Regression, Department of Educational Psychology and Research, University of Kansas
- 1993-1994 Graduate Research Assistant/Data manager, Community College Adult Education quarterly reports, Center for Educational Testing and Evaluation, University of Kansas
- 1993-1997 Graduate Research Assistant, Dr. Nona Tollefson, University of Kansas
- 1990-1991 Undergraduate Research Assistant, Dr. Toni Santmire, University of Nebraska

## FUNDED RESEARCH GRANTS

**CO-I:** ReACT an Adaptive Mobile Health Intervention for Adolescent Asthma. NIH R56 HL141394 Christopher Cushing and David Fedele PIs 09/20/2018-08/31/2019

**Co-I:** The Safety and Efficacy of Megesterol as part of iKanEat. NIH R01 HD093933-01Ann Davis PI 07/01/19-06/30/24

**Statistician:** A virtual vocal tract for speech output using non-invasive brain-computer interface. Jonathan Brumberg, PI, NIH R01 DC01634307/01/18-06/30/23,

**Statistical Advisor:** KAW Story. Holly Storkel, PI, NIDCD Fee for service funds to RDA.

**Consultant:** momHealth: Mobile Multiple Health Behavior Change in Teen Pregnancy & Parenting NIH 04/01/2017-03/31/2019.

**Research Design and Analysis Core General Director:** Kansas Intellectual and Developmental Disabilities Research Center John Colombo NICHD U54 HD090216 09/01/16-08/31/21

**Statistician:** Rural Disparities in Pediatric Obesity: The iAmHealthy Intervention. Ann Davis, PI, NIH R01 NR016255 1/11/2017 -11/30/2021

**Co-I:** Measuring Early Communication Development in Children with ASD. IES R324A160072 Nancy Brady PI 7/1/16 – 6/30/20

**Co-I:** Adapting the Diabetes Prevention Program for a developing world context. NIH R01 HL126099, Subcontract from Children's Mercy Hospital, Delwyn Catley PI 4/1/16 -2/28/20

**Co-I:** The effects of parenting on the development and behavior of adolescents with FXS. NIH R01 HD084563 Steve Warren and Nancy Brady 4/01/16 – 1/31/21

**Statistical Advisor:** Validation of Cognitive Problem-Solving and Movement Infant-Toddler IGDI's for Screening and General Outcome Progress Making. Dale Walker, USDE-IES R324A150166 07/01/15 – 6/30/19.

**Statistical Advisor:** Access to Success: Investigating the Replicability and Impact of a Training Program Supporting Community College Students with Disabilities in Requesting Accommodations. Jean Ann Summers and Glen White, NIDDR Field Initiated. 10/01/2014 – 9/30/2017. Fee for service funds to RDA.

**Co-PI:** The CCS: A Treatment Outcome Measure for Individuals with Severe ID. Nancy Brady  
NICHD R01 HD076903 07/01/13-06/30/18.

**Statistical Advisor:** Peer-Mediated AAC Intervention for Children with Autism: Effects on  
Communication. Kathy Thiemann-Bourque NICHD 06/01/13-05/31/17

**Statistical Advisor:** Holly Storkel Interactive Book Reading to Accelerate Word Learning  
by Children with SLI. Funded NIDCD 03/12/2013 – 3/11/2018 Fee for service funds allotted to RDA  
unit.

**Statistical Advisor:** Judith Gross Assessing Family Employment Awareness Training (FEAT).  
NIDRR Field Initiated grant 2013-2016. Fee for service funds for the RDA unit

**Consultant:** Howard Wills and Deb Kamps Multi-Site Efficacy Trial of Class-wide Function-related  
intervention teams “CW-FIT”. A research to practice agenda for students with and at risk for EBD.  
Funded by USDE-IES R324A120344 7/1/12 – 6/30/16

**Analysis Core Coordinator:** Communication of people with mental retardation. Nancy Brady PI  
NICHD P01 HD18955 12/01/06-06/30/13 1.8 calendar months per year.

**Research Design and Analysis Core Coordinator:** Kansas Mental Retardation and Developmental Disabilities  
Research Center John Colombo NICHD P30 HD002528 07/01/12-06/30/16 2.4 calendar months per year.

**Statistical Advisor:** Center for response to intervention in early childhood. Charles Greenwood PI  
USDE R324C080011 07/01/08-06/30/13 .12 calendar months

**Research and Statistical Support Coordinator:** Children’s School Success Plus: Supporting Children’s Success  
in the General Curriculum. Eva Horn and Susan Palmer PIs IES Goal 2 R324A100239 07/01/10 - 06/30/13  
\$500,000 annually, .5 calendar months.

**Statistical Advisor:** Family Adaptation to Fragile X Syndrome. Steve Warren and Nancy Brady PIs  
NICHD P30 HD03110 07/01/08-06/30/13.

**Statistics Specialist:** Kansas Mental Retardation and Developmental Disabilities Research Center.  
Steve Warren/John Colombo PIs. NICHD 7/1/06- 6/30/11.

**Statistical Advisor:** Peer Networks Project: Improving the Social-Communication, Literacy, and  
Adaptive Behaviors for Young Children with ASD. IES 2009-2013 PIs: Deb Kamps Kathy Thiemann-  
Borque, Linda Heitzman-Powell.

**Consultant:** Reliability and Validity of Autism Assessments and Diagnosis using ITV, Department of  
Defense. 2009. PI: Matt Reese.

**Consultant:** Building Foundations for Self-Determination in Young Children with Disabilities. 2009-  
2012. PIs: Jean Ann Summers and Susan Palmer.

**Consultant:** Class-wide function-based intervention teams: A research to practice agenda for functional  
behavior assessment for students with and at risk for SBD. IES 2007-2010 Deb Kamps, Howard Wills,  
and Charles Greenwood

**Consultant:** Evaluation of the online and applied system for intervention skills (OASIS) training program for parents of children with an autism spectrum disorder via telemedicine delivery. NIDRR 10/1/2009 – 9/30/2012. PIs: Linda Heitzman-Powell and Jay Buzhardt.

**Statistical Assistant:** Sam Odom's Children's School Success NIH/NICHD R01 grant 9/26/03 – 7/31/08.

**Statistics Specialist:** H.R. and Ann Turnbull's grant Rehabilitation research and training center on policies affecting families of children with disabilities. 11/01/03 – 10/31/08.

**Statistical Advisor:** Steve Warren and Nancy Brady Maternal responsivity and the development of children with FXS. Research Center on Family Adaptation to Fragile X Syndrome. NICHD , P30-HD003110-36) 2003-2008.

## PEER-REVIEWED PUBLICATIONS

Muller, K., Brady, N.C., Warren, S.F., and Fleming, K (2018). Mothers' Perspectives on Challenging Behaviors in their Children with Fragile X Syndrome, *Journal of Intellectual and Developmental Disability*. [doi.org/10.3109/13668250.2018.1496379](https://doi.org/10.3109/13668250.2018.1496379)

Bredin-Oja, S., Fielding, H., Fleming, K., and Warren, S. (2018). Clinician vs. Machine: Estimating vocalization rates in young children with developmental disorders. *American Journal of Speech Language Pathology*, 27, 1066-1072.

Palmer, S. B., Fleming, K.K., Horn, E. M., Butera, G., & Lieber, J. A. (2018). Progress monitoring in inclusive preschool: Using children's school success+ curriculum framework. *Inclusion*, 6, 110-126.

Brady, N., Fleming, K., Swinburne Romine, R., Holbrook, A., Muller, K., and Kasari, C. (2018). Concurrent validity and reliability for the communication complexity scale. *American Journal of Speech-Language Pathology*, 27, 237-246.

Lee, H.S., Addicott, M., Martin, L.E., Harris, K.J., Goggin, K., Richter, K.P., Patten, C.A., McClernon, J., Fleming, K., & Catley, D. (2018). Implicit attitudes and smoking behavior in a smoking cessation induction trial. *Nicotine & Tobacco Research*, 20(1), 58-66. doi:10.1093/ntr/ntw259

Jackson, Y., Huffines, L., Stone, K., Fleming, K., and Gabrielli, J. (2017). Coping styles in youth exposed to maltreatment: Longitudinal patterns reported by youth in foster care. *Child Abuse and Neglect*, 70, 65-74.

Storkel, H., Voelmie, K, Fierro, V., Flake, K., Fleming, K., and Swinburne Romine, R. (2017). Interactive Book Reading to Accelerate Word Learning by Kindergarten Children with Specific Language Impairment: Identifying an Adequate Intensity and Variation in Treatment Response. *Language, Speech, and Hearing Services in Schools*, 48, 16-30. doi:10.1044/2017\_LSHSS-16-0058

Warren, S., Brady, N., **Fleming, K.**, and Hahn, L. (2017). The longitudinal effects of parenting on adaptive behavior in children with fragile X syndrome. *Journal of Autism and Developmental Disorders*. 47, pp 768–784.

- Komesidou, R., Brady, N, **Fleming, K**, Esplund, A., and Warren, S. (2017) Growth of expressive syntax in children with Fragile X syndrome. *Journal of Speech, Language, and Hearing Research*. 60, 422-434. doi:10.1044/2016\_JSLHR-L-15-0360.
- Storkel, H., Voelml, K., Fierro, V., Flake, K., **Fleming, K**, and Swinburne Romine, R. (2017). Interactive book reading to accelerate word learning by kindergarten children with Specific Language Impairment (SLI): Identifying an adequate intensity and variation in treatment response. *Language, Speech, and Hearing Services in Schools*, 48, 16-30.
- Hahn, L.J., Brady, N.C., Fleming, K.K., & Warren, S.F. (2016). Joint engagement and early language in young children with Fragile X syndrome. *Journal of Speech-Language-Hearing Research*, 59(5), DOI:10.1044/2016
- Wills, H., Kamps, D., **Fleming, K**, and Hansen, B. (2016) Student and Teacher Outcomes of the Class-wide Function-related Intervention Team (CW-Fit) Program. *Exceptional Children*, 83(1), 58-76.
- Lee, H.S., Addicott, M., Martin, L.E., Harris, K.J., Goggin, K.J., Richter, K., Patten, C., McClernon, F.J., Fleming, K., & Catley, D. (2016). Implicit attitudes and smoking behavior in a smoking cessation induction trial. *Nicotine & Tobacco Research*. 1–9 doi:10.1093/ntr/ntw259.
- Hahn, L., Brady, N., **Fleming, K**, Warren, S. (2016) Joint Engagement and Early Language in Young Children with Fragile X Syndrome. *Journal of Speech, Language, and Hearing Research*. 59, 1087-1098.
- Marcario, J.K., Pendyala, G., Riazi, M., **Fleming, K**, Marquis, J., Callen, S., Lisco, S.J., Fowler, S.C., Cheney, P.D., and Buch, S.J. (2016). Effects of morphine on behavioral task performance in SIV-infected Rhesus macaques. *Journal of Neuroimmune Pharmacology*, 11(2), 348-357.
- Jackson, Y., Cushing, C. C., Gabrielli, J., **Fleming, K**, O'Connor, B. M., & Huffhines, L. (2016). Child maltreatment, trauma, and physical health outcomes: The role of abuse type and placement moves on health conditions and service use for youth in foster care. *Journal of Pediatric Psychology*, 41(1), 28-36.
- Brady, N., Storkel, H., Bushnell, P., Barker, R., Saunders, K., Daniels, D., and **Fleming, K**. (2015). Investigating a Multi-modal Intervention for Children with Limited Expressive Vocabularies Associated with Autism. *American Journal of Speech-Language Pathology*, 24, 438-459. PMID: 25910710
- Hahn, L. J., Brady, N. C., Warren, S. F., & **Fleming, K. K**. (2015). Do Children With Fragile X Syndrome Show Declines or Plateaus in Adaptive Behavior? *American Journal on Intellectual and Developmental Disabilities*, 120(5), 412–432.
- Kamps, D., Wills, H., Dawson-Bannister, H., Heitzman-Powell, L., Kottwitz, E., Hansen, B., and **Fleming, K**. (2015). Class-wide Function-Related Intervention Teams “CW-Fit” Efficacy Trial Outcomes. *Journal of Positive Behavior Interventions*, 17(3), 134-145.
- Olswang, L., Dowden, P., Pinder, G., Feuerstein, J., Greenslade, K., and **Fleming, K**. (2014). Triadic gaze intervention for young children with physical disabilities. *Journal of Speech Language Hearing Research*, 57, 1740-1753.

- Jackson, Y., Gabrielli, J., **Fleming, K.**, & Makanui, P. (2014) Untangling the relative contribution of maltreatment severity and frequency to type of behavioral outcome in youth. *Child Abuse and Neglect*, 38(7), 1147-1159.
- Hahn, L., Zimmer, N., Brady, N., Swinburne Romine, R., & **Fleming, K.** (2014). The role of maternal gesture use by children with fragile x syndrome. *American Journal of Speech-Language Pathology*, 23, 146-159.
- Jacobsen, J., Ellerbeck, K., Kelly, K., **Fleming, K.**, Jamison, T., Coffey, C., Smith, C., Reese, M., and Sands, S. (2014). Evidence for Alterations in Stimulatory G proteins and Oxytocin Levels in Children with Autism. *Psychoneuroendocrinology*, 40, 159-169.
- Brady, N., Warren, S., **Fleming, K.**, Keller, J. & Sterling, A. (2014). The effect of sustained maternal responsiveness on later vocabulary development in children with Fragile X Syndrome. *Journal of Speech, Language, and Hearing Research*, 57, 212-226.
- Reese, RM, Jamison, R, Wendland, M., **Fleming, K.**, Braun, MJ, Schutter, JO, Turek, J. (2013). Evaluating interactive videoconferencing for assessing symptoms of autism. *Telemedicine and e-Health*, 19(9), 671-677.
- Sterling, A., Warren, S., Brady, N., & **Fleming, K.** (2013). Influences on maternal responsiveness in mothers of children with fragile x syndrome. *American Journal on Intellectual and Developmental Disabilities*, 118(4), 310 – 326.
- Brady, N., Thiemann-Bourque, K., **Fleming, K.**, and Matthews, K. (2013). Predicting language outcomes for children learning AAC: Child and environmental factors. *Journal of Speech, Language, and Hearing Research*, 56, 1595-1612
- Sterling, A.M., Barnum, L, Skinner, D., Warren, S.F., & **Fleming, K.** (2012). Parenting young children with and without fragile x syndrome. *American Journal on Intellectual and Developmental Disabilities*, 117, 194-206.
- Brady, N., **Fleming, K.**, Thiemann-Bourque, K., Olswang, L., Dowden, P., Saunders, M., and Marquis, J. (2012). Development of the Communication Complexity Scale. *American Journal of Speech Language Pathology*, 21, 16-28.
- Thiemann, K., Brady, N, Olswang, L., Dowden, P, Saunders, M., and **Fleming, K.** (2012). Symbolic Play of Preschoolers with Severe Communication Impairments with Autism and Other Developmental Delays: More Similarities than Differences. *Journal of Autism and Developmental Disorders*, 42(5), 863-873.
- Odom, S. L., **Fleming, K.**, Diamond, K. E., Lieber, J., Hanson, M., Butera, G., Horn, E., Palmer, S., & Marquis, J. (2010). Examining different forms of implementation in early childhood curriculum research. *Early Childhood Research Quarterly*, 25, 314-328.
- Hanson, M.J., Miller, A.D., Diamond, K., Odom, S. Lieber, J., Butera, G, Horn, E., Palmer, S., & **Fleming, K.** (2010). Neighborhood community risk influences on preschool children’s development and school readiness. *Infants & Young Children*, 24, 87-100.
- Warren, S.F., Brady, N.C., Sterling, A.M., **Fleming, K.**, & Marquis, J. (2010). Maternal responsiveness predicts language development in children with fragile X syndrome. *American Journal on Intellectual and Developmental Disabilities*, 115(1), 63-84.

- Brady, N., Herynk, J.W., & **Fleming, K.** (2010). Communication Input Matters: Lessons from Prelinguistic Children Learning to Use AAC in Preschool Environments. *Early Childhood Services, 4*(3), 141-154.
- Warren, S., Fey, M., Finestack, L., Brady, N., Bredin-Oja, S., and **Fleming, K.** (2008). A randomized trial of longitudinal effects of low-intensity responsivity education/prelinguistic milieu teaching, *Journal of Speech, Language, and Hearing Research, 51*, 451-470.
- Lieber, J., Horn, E., Palmer, S., & **Fleming, K.** (2008). Access to the general education curriculum for preschoolers with disabilities: Children's School Success. *Exceptionality, 16*(1), 18-32.
- Marcario, J.K., Riazi, M., Anatoly, I., Kenjale, H., **Fleming, K.**, Marquis, J., Nemon, O., Mayo, M., Narayan, O., Yankee, T., and Cheney, P. (2008). Effect of morphine on the neuropathogenesis of SIV mac infection in Indian rhesus macaques. *Journal of Neuroimmune Pharmacology, 3*, 12-25.
- Summers, J.A., Marquis, J., Mannan, H., Turnbull, A.P., **Fleming, K.**, Poston, D., Wang, M., & Kupczek, K. (2007). Relationship of perceived adequacy of services, family-professional partnerships, and family quality of life in early childhood service programs. *International Journal of Disability, Development and Education, 54*(3), 319-338.
- Hellings, J., Zarcone, J., Reese, M., Valdovinos, M., Marquis, J., **Fleming, K.**, & Schroeder, S. (2006). A Crossover Study of Risperidone in Children, Adolescents and Adults with Mental Retardation, *Journal of Autism and Developmental Disorders, 36*(3), 401-411.
- Fleming, K.**, Bovaird, J., Mosier, M., Emerson, M., LeVine, S., and Marquis, J. (2005). Statistical analysis of data from studies on experimental autoimmune encephalomyelitis. *Journal of Neuroimmunology, 170*, 71-84.
- Brady, N., Steeples, T., & **Fleming, K.** (2005). Effects of prelinguistic communication levels on initiation and repair of communication in children with disabilities. *Journal of Speech, Language, and Hearing Research, 48*, 1098-1113.
- Chakrabarty, A., **Fleming, K.**, Marquis, J., & LeVine, S. (2005). Quantifying immunohistochemical staining of phosphor-eIF2 $\alpha$ , heme oxygenase-2 and NADPH cytochrome P450 reductase in oligodendrocytes during experimental autoimmune encephalomyelitis. *Journal of Neuroscience Methods, 144*, 227-234.
- Brady, N. C., Marquis, J., **Fleming, K.**, & McLean, L. (2004) Prelinguistic predictors of language growth in children with developmental disabilities. *Journal of Speech, Language and Hearing Research, 47*(3), 663-667.
- Zarcone, J. R., Hellings, J. A., Crandall, K., Reese, R. M., Marquis, J., **Fleming, K.**, Shores, W., Williams, D., & Schroeder, S. (2001). Effects of risperidone on aberrant behavior of persons with developmental disabilities: A double-blind crossover study using multiple measures. *American Journal on Mental Retardation, 106*, 525-538.
- Fleming, K. K.**, Ross, M., Tollefson, N., & Green, S. B. (1998). Teachers' choices of test-item formats for classes with diverse achievement levels. *Journal of Educational Research, 91*, 222-228.
- Green, S. B., Akey, T. M., **Fleming, K. K.**, Herschberger, S. L., & Marquis, J. G. (1997). The effect of the number of scale points on chi square fit indices in confirmatory factor analysis. *Structural Equation Modeling, 2*, 108-120.

## **AUTHORED BOOKS, BOOK CHAPTERS, AND TECHNICAL REPORTS**

Gallagher, K. S., & **Fleming, K. K.** (1996). *School Site Councils and Kansas Quality Performance Accreditation: An Executive Summary*. University of Kansas, School of Education.

*Evaluation of the Multi-Site Master of Science Primary Care Nurse Program.* (1997). Helen Connor, principal investigator, University of Kansas School of Nursing, Dr. Nona Tollefson, Program Evaluator, **Kandace Fleming**, Data Analysis, University of Kansas.

## **PROFESSIONAL PRESENTATIONS**

Williams, L. Pitt, A., Brady, N., Fleming, K., and Becker, S. (2018). Evaluating an Objective Measure of Speech Productions in Early Language Learners. Poster presented at the 2018 American Speech Language Hearing Association Convention in Boston, MA.

Brady, N., Fleming, K., Muller, K., Matthews, K., Swinburne Romine, R., Suswaram, S. (2018). Assessment Needs for People with Minimal Verbal Skills. Poster presented at the 2018 American Speech Language Hearing Association Convention in Boston, MA.

Bredin-Oja, S., Warren, S., Fleming, K., Brady, N., Sterling, A. (2018) Language Dysfluencies in Adult Females with the FMR1 Premutation: A Longitudinal Study. Poster presented at the 2018 Gatlinburg Conference in San Diego, CA.

Fleming, K., Brady, N., Muller, K., and Matthews, K. (2018). A Comparison of Communication Complexity Scores in Children with Minimal Verbal Skills and Autism: Naturalistic Language Sample vs. Structured Interaction Protocol. Poster presented at the 2018 Gatlinburg Conference in San Diego, CA.

Muller, K., Brady, N., Matthews, K., Fleming, K., and Jackson, J. (2017). Assessing communication during naturalistic classroom contexts and a play-based assessment in children with autism. Poster presented at the 2017 American Speech Language Hearing Association Convention in Los Angeles, CA

Saunders, K. J., Hoffman, L., Barker, R. M., Fleming, K., Cummings, C. & Sittner-Bridges, M. (2017, July). A dynamic, nonspeech assessment of the alphabetic principle. Poster presented at the Society for the Scientific Study of Reading, Halifax, Nova Scotia.

Puoane, T. R., Catley, D., Goggin, K., Tsolekile, L., Resnicow, K.R., Fleming, K., & Rasu, R. (April, 2017) DPP: Adaptation for the Developing World. Presentation at the 2017 Chronic Disease Initiative for Africa Annual Network Meeting, Cape Town, South Africa.

Catley, D., Puoane, T. R., Goggin, K., Tsolekile, L., Resnicow, K.R., Fleming, K., & Rasu, R. (April, 2017) Can a proven behavioral intervention be used to address the developing world obesity epidemic? Presentation at the 2017 Health Psychology Innovations Conference, Wanaka, New Zealand.

Puoane, T. R., Goggin, K., Tsolekile, L., Resnicow, K.R., Fleming, K., Rasu, R. Catley, D. (2017, March). Adapting the U.S. National Diabetes Prevention Program for the Developing World. In D. Catley (Chair), Translating lifestyle interventions for reducing cardiometabolic risk in vulnerable and disadvantaged populations. Symposium conducted at the 38th Annual Meeting of the Society of Behavioral Medicine, San Diego, CA



Fleming, K., Warren, S., Brady, N., and Swinburne Romine, R. (2017). The dynamic dyad: Relationships between maternal responsivity and communication and adaptive functioning outcomes in children with FXS. Poster presented at the Gatlinburg Conference on Research and Theory in Intellectual and Development Disabilities, San Antonio, TX.

Brady, N., Thiemann-Bourque, K., Kasari, C., and Fleming, K. (2016) Measuring Treatment Change with the Communication Complexity Scale. Seminar presented at American Speech Language Hearing Association Convention, Philadelphia, PA.

Brady, N., Holbrook, A., Tu, N., Swinburne Romine, R., **Fleming, K.**, and Kasari, C. (2016). The CCS: Sensitivity to intervention effects. Paper presented at the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Diego, CA.

Warren, S., Breden-Oja, S., **Fleming, K.**, and Brady, N. (2016). The relationship of behavior changes in males with FXS to maternal health from middle childhood to adolescence. Paper presented at the Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Diego, CA.

Champassak, S. L., Catley, D., **Fleming, K.**, Williams, D., DeLurgio, S., Goggin, K. (2016). *Assessing mediator effects from an RCT evaluating novel interventions for antiretroviral medication adherence*. Paper accepted to the 37<sup>th</sup> Annual Meeting of the Society of Behavioral Medicine, Washington, DC.

Brady, N., **Fleming, K.**, Krueger, B., Salley, B., Swinburne Romine, R., & Kasari, C. (2015). Formative assessment of the Communication Complexity Scale (CCS). Presentation at the 48th Annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, New Orleans, LA.

Brady, N., Warren, S.F. & **Fleming, K.** (2015). Active parenting mediates the effect of stereotypy in children with FXS. Poster Presented at the 48th Annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, New Orleans, LA.

Warren, S.F., Brady, N., & **Fleming, K.** (2015). The effects of sustained parenting on adaptive and problem behavior in children with FXS in middle childhood. Poster Presented at the 48th Annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, New Orleans, LA.

Champassak, S. L., Catley, D., **Fleming, K.**, Williams, D., DeLurgio, S., Goggin, K. (2015). Examining factorial validity and invariance of theoretical constructs for IMB based ART adherence interventions. Poster presented at the 36th Annual Meeting of the Society of Behavioral Medicine, San Antonio, TX.

Warren, S.F., Brady, N.C., Hahn, L.J., **Fleming, K.**, and Keller, J. (July, 2014). The relationship of Early Parenting to Later Behavior Problems in Children with FXS. Talk presented at the National Fragile X Foundation Conference in Ahaheim, CA.

Hahn, L. J., Brady, N., Warren, S. F., & **Fleming, K.** (2014, March). Joint attention as a predictor of language ability in young children with fragile X syndrome. Poster Presented at the 47th Annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, Chicago, Illinois.

Warren, S. F., Brady, N. C., Hahn, L. J., **Fleming, K.**, & Siwnburne Romine, R. E. (March, 2014). Are there three distinct fragile X phenotypes?. Poster Presented at the 47th Annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, Chicago, Illinois

Hahn, L. J., Brady, N., Warren, S., & **Fleming, K.** (2013, March). Do children with fragile X syndrome decline in adaptive behavior. Poster Presented at the 46th Annual Gatlinburg Conference on Research and Theory in Intellectual and Developmental Disabilities, San Antonio, Texas.

Keller, J., Brady, N., **Fleming, K.**, Warren, S. The relationship between Temperament and Language Development in children with FXS. Gatlinburg, March 2011 San Antonio, TX.

Zimmer, B., Brady, N., & **Fleming, K.** Do maternal gestures promote language development in children with FXS? Poster presented at ASHA 2010.

Odom, S., Diamond, K., Hanson, M., Lieber, J., Butera, G., Horn, E., Palmer, S., Marquis, J., & **Fleming, K.** (June 2010). Assessing the efficacy of the Children's School Success project. Group poster session and presentation at the Head Start Research Conference, Washington D.C.

Odom, S.L., Diamond, K., Hanson, M., Lieber, J., Butera, G., Horn, E., Palmer, S., Marquis, J., & **Fleming, K.** (2010, February). Efficacy of the Children's School Success Curriculum, Poster at the Conference on Research Innovations in Early Intervention, San Diego, CA.

Odom, S., Diamond, K., Hanson, M., Lieber, J., Butera, G., Horn, E., Palmer, S., Marquis, J., and **Fleming, K.** *Children's School Success: Relative Effects in High and Low Implementation Classrooms.* Poster presented at Conference on Research Innovations in Early Intervention, San Diego, CA – February 21 - 23, 2008.

Odom, S., Diamond, K., Hanson, M., Lieber, J., Butera, G., Horn, E., Palmer, S., Marquis, J., & **Fleming, K.** Children's school success: Treatment dosage and child outcomes. Poster Head Start National Research Conference 2008 in Washington, D.C.

Warren, S, Brady, N, Sterling, A and **Fleming, K.** (2008) *Maternal Responsivity Predicts Communication Development in Children with FXS.* Poster presented at the Gatlinburg Conference On Research & Theory in Intellectual & Developmental Disabilities, San Diego, CA -- March 28, 2008.

Warren, S., Brady, N., Sterling, A., and **Fleming, K.** *The role of maternal responsivity in the development of young children with fragile X syndrome. Presentation at the Second Conference of the International Society on Early Intervention, Zagreb, Croatia, June 14, 2007.*

Brady, N. & **Fleming, K.** (2007). *Early communication by young children with autism: Breakdowns and repairs during mother-child interactions.* Poster presented at Society for Research in Child Development Biennial Meeting in Boston, Massachusetts -- March 29 - April 1, 2007.

Odom, S., Diamond, K., Hanson, M., Lieber, J., Butera, G., Horn, E., Palmer, S., Marquis, J., and **Fleming, K.** *Children's School Success: Treatment Dosage and Child Outcomes.* Poster presented at Society for Research in Child Development Biennial Meeting in Boston, Massachusetts -- March 29 - April 1, 2007.

Brady, N. & **Fleming, K** (2007). *Persistence in early communication by young children with Down Syndrome and other developmental disabilities*. Poster presented at the Gatlinburg Conference On Research & Theory in Intellectual & Developmental Disabilities, Annapolis, Maryland -- March 8, 2007.

Sterling, A, Brady, N, and **Fleming, K**. *Is maternal responsivity different in mothers of young children with Fragile X Syndrome compared to Down Syndrome?* Poster presented at the Gatlinburg Conference On Research & Theory in Intellectual & Developmental Disabilities, Annapolis, Maryland -- March 8, 2007.

Brady, N., Sterling, A, Warren, S., **Fleming, K**, Marquis, J, and Roberts, J How does maternal responsivity relate to communication skills in young children with fragile x syndrome. ASHA 2006.

Poston, D., Zuna, N., **Fleming, K**, Gotto, G., Marquis, J., Summers, J. Family Community Participation: The results of a new survey and implications for practice. Poster at AFP 2005.

Brady, N., Steeples, T., and **Fleming, K**. Communication initiations and repairs in children with severely limited expressive language. SRCLD 2004.

## **SERVICE RECORD**

### **University of Kansas Service**

Statistical and methodological consultant for various dissertation and thesis research projects as well as graduate student grant proposals.

Meghan Sullivan – Dissertation Committee  
Amy Esplund- Thesis  
Sofie Champassak - Dissertation  
Erin Kate Smith - Dissertation  
Laura Hahn – K99 –R00 Grant Proposal  
Stephanie Meehan – Thesis Project  
Vera Stroup-Rentier - Dissertation  
Brenda Salley – K99 –R00 Grant Proposal  
Marvia Jones - Thesis  
Nikki Keene Woods – Dissertation  
Stephanie Meehan – Dissertation  
Caitlin Imgrund – Thesis  
Rashida Banjeree – Dissertation  
Kathryn Greenslade – Dissertation  
Sabrina Hines – Dissertation  
Leah Kapa – Dissertation  
Dan Schober – Dissertation  
Audra Sterling – Dissertation and Dissertation funding grant  
Jean Kang – Dissertation  
Cassidy Carpenter – Honors Project  
Antoinette Hill – Dissertation  
Sarah McKim Thomas – Dissertation  
Michaela Beals – Thesis

**Professional Service outside the University**

Member of American Educational Research Association, Division D

Guest Reviewer for American Journal on Intellectual and Developmental Disabilities 2017

Guest Reviewer for Child Development, 2010 and 2011

Guest Reviewer for Infancy 2014