

VITA

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Associate Professor of Educational Psychology

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Citizenship Status: *U.S. Citizen*

Academic Positions

- 2014 – Present Courtesy Associate Professor, Survey Research and Methodology Program, University of Nebraska-Lincoln
- 2013 - Present Program Director, Quantitative, Qualitative, & Psychometric Methods Program, Department of Educational Psychology, University of Nebraska-Lincoln
- 2013 - Present Founding Director, Nebraska Academy for Methodology, Analytics, & Psychometrics, University of Nebraska-Lincoln
- 2011 - Present Associate Professor with tenure, Department of Educational Psychology, University of Nebraska-Lincoln
- 2009 - Present Co-Principal Investigator & Core Director, National Center for Research on Rural Education (R²Ed), University of Nebraska-Lincoln
- 2006 - 2013 Director, Statistics & Research Methodology Unit, Nebraska Center for Research on Children, Youth, Family, and Schools, University of Nebraska-Lincoln
- 2005 - 2011 Assistant Professor, Department of Educational Psychology, University of Nebraska-Lincoln
- 2004 - 2005 Research Associate, Schiefelbusch Institute for Life Span Studies, University of Kansas
- 2004 - 2005 Lecturer, Department of Psychology, University of Kansas
- 2004 - 2005 Instructor, Continuing Education: Independent Study, University of Kansas
- 2002 - 2004 Postdoctoral Trainee, Interdisciplinary Research Training in Mental Retardation & Developmental Disabilities [NICHD-funded]

- 2002 - 2004 Research Affiliate, Research Design & Analysis Unit, Schiefelbusch Institute for Life Span Studies, University of Kansas
- 2003 - 2004 Lecturer, Department of Psychology & Department of Psychological Research in Education, University of Kansas
- 2002 - 2003 Adjunct Instructor, Department of Psychology, Baker University.

Educational Background

- Postdoctoral (2002-2004) University of Kansas
Emphasis: *Methodological training in mental retardation and developmental disabilities.*
- Ph.D. (2002) University of Kansas
Major: Quantitative Psychology, Minor: Cognitive Neuroscience
Advisor: Susan Embretson, Ph.D.
Dissertation: *New Applications in Testing: Using Response Time to Increase the Construct Validity of a Latent Trait Estimate.*
- M.A. (2000) University of Kansas
Major: Experimental Psychology (Quantitative Concentration)
Thesis: *Individual Differences in Modifiability of Ability Under Time-Related Stress.*
- B.A. (1997) Baker University
Majors: Biology & Psychology, Minor: Chemistry
Cum Laude
- B.S. (1997) Baker University
Majors: Biology & Psychology, Minor: Chemistry
Cum Laude

Publications

Refereed Journal Articles

1. Sheridan, S.M., Dynarski, M., & **Bovaird, J.A.** (under review). *Conducting Education Research in Rural Settings*. Report invited for publication by the *Institute of Education Sciences National Center for Education Evaluation and Regional Assistance (IES/NCEE)*.
2. Ryoo, J., Molfese, V.J., Brown, E.T., Karp, K.S., Welch, G., & **Bovaird, J.A.** (in press). Examining factor structures on the Test of Early Mathematics Ability – 3: A longitudinal approach. *Learning and Individual Differences*.
3. Koziol, N.A., Arthur, A.M., Hawley, L.R., **Bovaird, J.A.**, McCormick, C.M., & Welch, G.W. (2015). Identifying, analyzing, and communicating rural: A quantitative perspective. *Journal of Research in Rural Education*, 30 (4), 1-14.

4. Hawley, L.R., Hosch, H.M., & **Bovaird, J.A.** (2014). Exploring Social Identity Theory and the 'Black Sheep Effect' Among College Student-athletes and Non-athletes. *The Journal of Sport Behavior*, 37, 1-21.
5. Story, J.S., Barbuto, J.E., Luthans, F., & **Bovaird, J.A.** (2014). Meeting the Challenges of Effective International HRM: Analysis of the Antecedents of Global Mindset. *Human Resource Management*, 53 (1), 131-155.
6. Story, J.S., Youssef, C., Luthans, F., Barbuto, J., & **Bovaird, J.A.** (2013). Contagion effect of global leaders' positive psychological capital on followers: Does distance and quality of relationship matter? *International Journal of Human Resource Management*, 24, 2534-2553.
7. Davidson, M.M., Nitzel, C., Duke, A., Baker, C.M., & **Bovaird, J.A.** (2012). Advancing career counseling and employment support for survivors: An intervention evaluation. *Journal of Counseling Psychology*, 59, 321-328.
8. Sheridan, S.M., **Bovaird, J.A.**, Glover, T.G., Garbacz, S.A., Witte, A., & Kwon, K. (2012). A randomized trial examining the effects of conjoint behavioral consultation and the mediating role of the parent-teacher relationship. *School Psychology Review*, 41, 23-46.
[Earned the 2013 Article of the Year Award in *School Psychology Review*]
9. Steele, R.G., Aylward, B.S., Jensen, C.D., Cushing, C.C., Davis, A.M., & **Bovaird, J.A.** (2012). Comparison of a family-based group intervention for youths with obesity to a brief individual family intervention: A practical clinical trial of *Positively Fit*. *Journal of Pediatric Psychology*, 37, 53-63.
[Earned the 2012 Diane Willis Award for Outstanding Article in the *Journal of Pediatric Psychology* from the Society of Pediatric Psychology (APA Division 54). doi: 10.1093/jpepsy/jsr057]
10. Torquati, J.C., Huddleston-Casas, C., Raikes, H., **Bovaird, J.A.**, & Harris, B.A. (2011). Family income, parent education, and perceived constraints as predictors of observed program quality and parent rated program quality. *Early Childhood Research Quarterly*, 26, 453-464.
11. Mi, X., Eskridge, K.M., Wang, D., Baenziger, P.S., Campbell, B.T., Gill, K.S., Dweikat, I., & **Bovaird, J.A.** (2010). Regression-Based Multi-Trait QTL Mapping Using a Structural Equation Model. *Statistical Applications in Genetics and Molecular Biology*, 9, 1-23.
12. Sheridan, S. M., Knoche, L. L., Edwards, C. P., **Bovaird, J. A.**, & Kupzyk, K. A. (2010). Parent engagement and school readiness: Effects of the Getting Ready intervention on preschool children's social-emotional competencies. *Early Education and Development*, 21, 125-156.
[Earned the Routledge Education Class of 2011 Award for the most downloaded article in *Early Education and Development* in 2010. Article available at informaworld.com/10.1080/10409280902783517]
13. Shogren, K. A., **Bovaird, J. A.**, Palmer, S. B., & Wehmeyer, M. L. (2010). Locus of control orientations in students with intellectual disability, learning disabilities, and no disabilities: A latent growth curve analysis. *Research and Practice for Persons with Severe Disabilities*, 35, 80-92.

14. Liu, C. J., Kemper, S., & **Bovaird, J. A.** (2009). Comprehension of health-related written materials by older adults. *Educational Gerontology, 35*, 653-668.
15. Locker, L., Hoffman, L., & **Bovaird, J. A.** (2007). On the use of multilevel modeling as an alternative to items analysis in psycholinguistic research. *Behavior Research Methods, 39*, 723-730.
16. Maikranz, J. M., Steele, R. G., Dreyer, M., Stratman, A., & **Bovaird, J. A.** (2007). The relationship of hope and illness-related uncertainty to emotional adjustment and adherence among pediatric renal and liver transplant recipients. *Journal of Pediatric Psychology, 32*, 571-581.
17. Marsh, H. W., Wen, Z., Hau, K., Little, T. D., **Bovaird, J. A.**, & Widaman, K. F. (2007). Unconstrained structural equation models of latent interactions: Contrasting residual- and mean-centered approaches. *Structural Equation Modeling: A Multidisciplinary Journal, 14*, 570-580.
18. Soukup, J. H., Wehmeyer, M. L., Bashinski, S., & **Bovaird, J. A.** (2007). Impact of classroom ecological and setting variables on access to the general curriculum of students with intellectual and developmental disabilities. *Exceptional Children, 74*, 101-120.
19. Hoffman, L., Yang, X., **Bovaird, J. A.**, & Embretson, S. E. (2006). Measuring attention in older adults: Development and psychometric evaluation of DriverScan. *Educational and Psychological Measurement, 66*, 984-1000.
20. Little, T. D., **Bovaird, J. A.**, & Widaman, K. F. (2006). On the merits of orthogonalizing powered and interaction terms: Implications for modeling interactions among latent variables. *Structural Equation Modeling: A Multidisciplinary Journal, 13*, 497-519. [**Senior authorship shared b/w J. A. Bovaird & T. D. Little**]
21. Fleming, K., **Bovaird, J. A.**, Mosier, M. C., Emerson, M. R., LeVine, S. M., & Marquis, J. G. (2005). Statistical analysis of data from studies on Experimental Autoimmune Encephalomyelitis. *Journal of Neuroimmunology, 170*, 71-84.

Corporate Authorship Articles

1. Language and Reading Research Consortium¹ (in press). Use of the curriculum research framework (CRF) for developing a reading-comprehension curricular supplement for the primary grades. *Elementary School Journal*.
2. Language and Reading Research Consortium^{1,2}, Arthur, A.M., & Davis, D.L. (in press). A pilot study of the impact of double-dose robust vocabulary instruction on children's vocabulary growth. *Journal of Research on Educational Effectiveness*.

¹ This paper was prepared by a Task Force of the Language and Reading Research Consortium (LARRC). As a corporate paper, all LARRC project sites and investigators are credited with authorship. *Ohio State University*: L.M. Justice (PI), R. Lomax, A. O'Connell, S.A. Petrill, S.B. Piasta; *Arizona State University*: S. Gray (PI), M.A. Restrepo; **Lancaster University** (Lancaster, UK): K. Cain (PI); *University of Kansas*: H. Catts (PI), M. Bridges, D. Nielsen; *University of Nebraska-Lincoln*: T. Hogan (PI), **J. Bovaird**, J.R. Nelson

² This paper was prepared by a Task Force of the Language and Reading Research Consortium (LARRC) consisting of **James A. Bovaird**, Laura Justice, and Tiffany Hogan (Conveners), Dawn Davis, Ann Arthur and Mindy Bridges.

3. Language and Reading Research Consortium¹ (2015). Learning to read: should we keep things simple? *Reading Research Quarterly*, 50, 151-169.
4. Language and Reading Research Consortium¹ (2015). The dimensionality of language ability in young children. *Child Development*, 86, 1948-1965. doi: 10.1111/cdev.12450
5. Language and Reading Research Consortium¹ (2015). The dimensionality of Spanish in young Spanish-English dual-language learners. *Journal of Speech, Language, and Hearing Research*, 58, 754-66. doi:10.1044/2015_JSLHR-L-13-0266
6. Language and Reading Research Consortium¹, Johanson, M., & Arthur, A. (2015). Improving the language skills of Pre-Kindergarten students: Preliminary impacts of the Let's Know! experimental curriculum. *Child and Youth Care Forum*, 1-26. doi: 10.1007/s10566-015-9332-z
7. Language and Reading Research Consortium¹, Pratt, A., & Logan, J. (2014). Improving language-focused comprehension instruction in primary-grade classrooms: Impacts of the Let's Know! experimental curriculum. *Educational Psychology Review*, 26, 357-377. doi: 10.1007/s10648-014-9275-1

Refereed Journal Articles Under Review

1. Barbuto, J.E. Jr., Bugenhagen, M.J., & **Bovaird, J.A.** (under review). *Testing A Model For Predicting Leadership Behaviors: A Multi-level Analysis*.
2. Hawley, L.R., **Bovaird, J.A.**, & Wu, C. (under review). *Stability of Teacher Value-Added Assessment Rankings Across Measurement Model Structures and Scaling Conditions*.
3. Hawley, L.R., Koziol, N.A., **Bovaird, J.A.**, McCormick, C.M., Welch, G.W., Arthur, A.M., & Bash, K. (under review). *Defining and Describing Rural: Implications for Rural Special Education Research Policy*.
4. Koziol, N.A., & **Bovaird, J.A.** (under review). *The Impact of Model Parameterization and Estimation Methods on Tests of Measurement Invariance with Ordered Polytomous Data*.
5. Kupzyk, K.A., & **Bovaird, J.A.** (under review). *The effects of simplifying assumptions in power analysis*.

Corporate Authorship Manuscripts Under Review

1. Language and Reading Research Consortium¹ (under review). *Use of the Curriculum Research Framework (CRF) for Developing a Reading-Comprehension Curricular Supplement for the Primary Grades*.
2. Language and Reading Research Consortium¹, Farquharson, K., & Jiang, H. (under review). *Are memory and attention equally important for reading and listening comprehension? A developmental comparison*.

3. Language and Reading Research Consortium¹, Farquharson, K., & Murphy, K. (under review). *Ten Steps to a Large, Multi-site, Longitudinal Investigation of Language and Reading in Young Children*.
4. Language and Reading Research Consortium¹, Jiang, H., & Davis, D. (under review). *Let's Know! Proximal impacts on prekindergarten through grade 3 students' comprehension-related skills*.
5. Language and Reading Research Consortium¹, & Logan, J (under review). *Pressure points in reading comprehension: A quantile multiple regression analysis*.
6. McIlraith, A. & Language and Reading Research Consortium¹ (under review). *Predicting word reading ability: A quantile regression study*.
7. Murphy, K. A., Language and Reading Research Consortium¹, & Farquharson, K. (under review). *Investigating Profiles of Lexical Quality in Preschool and their Contribution to First Grade Reading*.

In Preparation/Under Revision

1. Clarke, B.L., Sheridan, S.M., **Bovaird, J.A.**, Kupzyk, K.A., Cline, K.D., & Knoche, L.L. (under revision). *Parent-Child Interactions of Low-Income Families: Confirmatory Factor Analysis of a Measurement Tool*.
2. Swearer, S.M., **Bovaird, J.A.**, & Radliff, K.H. (under revision). *Bullying and victimization: Stability/Instability and concordance/discordance of self-, peer-, and teacher-nominations throughout the middle school years*.
3. Visovsky, C., **Bovaird, J.A.**, Toftagen, C., Berger, A.N., Cowan, K., & Lonehill, L. (in preparation). *Heading Off Peripheral Neuropathy with Exercise: The HOPE Study*.

Books & Edited Texts

1. **Bovaird, J.A.**, Geisinger, K., & Buckendahl, C. (Eds.) (2011) *High-stakes testing in education: Science and practice in K-12 settings*. Washington, DC: APA Books.
2. Little, T.D., **Bovaird, J.A.** & Card, N.A. (Eds.) (2007) *Modeling contextual effects in longitudinal studies*. Mahwah, NJ: Erlbaum. **[Editorial responsibilities were shared equally]**

Book Chapters

1. **Bovaird, J.A.**, & Bash, K.L. (in press). Methodology challenges and cutting edge designs for rural education research. In G. Nugent & G. Kunz (Eds.) *Rural education research: State of the science and emerging directions* [pp. xxx-xxx]. New York: Springer.
2. Hawley, L.R., Koziol, N.A., & **Bovaird, J.A.** (in press). Defining and communicating rural. In G. Nugent & G. Kunz (Eds.) *Rural education research: State of the science and emerging directions* [pp. xxx-xxx]. New York: Springer.

3. **Bovaird, J.A.**, & Koziol, N.A. (2012). Measurement Models for Ordered-Categorical Indicators. In R. Hoyle (Ed.), *Handbook of Structural Equation Modeling* [pp. 495-511]. New York: The Guilford Press.
4. **Bovaird, J.A.**, Geisinger, K.F., & Buckendahl, C.W. (2011). Introduction. In J.A. Bovaird, K.F. Geisinger, & C.W. Buckendahl (Eds.) *High-stakes testing in education: Science and practice in K-12 settings* [pp. 3-10]. Washington, DC: APA Books.
5. **Bovaird, J.A.**, & Koziol, N. (2011). High-Stakes Education Research: Enhanced Scrutiny of the Education System and Its Consequences. In J.A. Bovaird, K.F. Geisinger, & C.W. Buckendahl (Eds.) *High-stakes testing in education: Science and practice in K-12 settings* [pp. 211-228]. Washington, DC: APA Books.
6. **Bovaird, J.A.**, & Shaw, L.H. (2011). Multilevel Structural Equation Models. In B. Laursen, T. Little, & N. Card (Eds.) *Handbook of Developmental Research Methods* [p. 501-518]. New York: The Guilford Press.
7. Römheld, A., & **Bovaird, J.A.** (2011). Assessing language: Implications for students with limited English proficiency. In J.A. Bovaird, K.F. Geisinger, & C.W. Buckendahl (Eds.) *High-stakes testing in education: Science and practice in K-12 settings* [pp. 59-75]. Washington, DC: APA Books.
8. **Bovaird, J.A.** (2010). Scales and surveys: The problem with assessing bullying behaviors. In S. R. Jimerson, S. M. Swearer, & D. L. Espelage (Eds). *The Handbook of Bullying in Schools: An International Perspective* [pp. 277-292]. New York: Routledge.
9. **Bovaird, J.A.**, & Embretson, S.E. (2008). Modern measurement in the social sciences. In P. Alasuutari, L. Bickman, & J. Brannen (Eds). *The Sage Handbook of Social Research Methods* [pp. 269-289]. London: Sage.
10. **Bovaird, J.A.** (2007). Multilevel structural equation models for contextual factors. In T.D. Little, J.A. Bovaird, & N.A. Card (Eds.). *Modeling contextual effects in longitudinal studies* [pp. 149-182]. Mahwah, NJ: Erlbaum.
11. Card, N.A., Little, T.D., & **Bovaird, J.A.** (2007). Modeling ecological and contextual effects. In T.D. Little, J.A. Bovaird, & N.A. Card (Eds.). *Modeling ecological and contextual effects in longitudinal studies of human development* [pp. 1-11]. Mahwah, NJ: Erlbaum.
12. Little, T.D., Card, N.A., **Bovaird, J.A.**, Preacher, K., & Crandall, C.S. (2007) Structural equation modeling of mediation and moderation with contextual factors. In T.D. Little, J.A. Bovaird, & N.A. Card (Eds.). *Modeling contextual effects in longitudinal studies* [pp. 207-230]. Mahwah, NJ: Erlbaum.
13. Little, T.D., **Bovaird, J.A.**, & Slegers, D. (2006). Methods for the analysis of change. In D. Mroczek & T.D. Little (Eds.). *Handbook of Personality Development* [pp. 181-211]. Mahwah, NJ: Erlbaum.

Encyclopedia Entries

1. **Bovaird, J.A.** (2010). Achievement tests. In C.S. Clauss-Ehlers (Ed.). *Encyclopedia of Cross-Cultural School Psychology* [pp. 79-81]. New York: Springer.
2. **Bovaird, J.A.** (2010). Computer based testing. In C.S. Clauss-Ehlers (Ed.). *Encyclopedia of Cross-Cultural School Psychology* [pp. 256-257]. New York: Springer.
3. **Bovaird, J.A.** (2010). Gf Gc model of intelligence. In C.S. Clauss-Ehlers (Ed.). *Encyclopedia of Cross-Cultural School Psychology* [pp. 478-479]. New York: Springer.
4. **Bovaird, J.A.** (2010). Testing and measurement. In C.S. Clauss-Ehlers (Ed.). *Encyclopedia of Cross-Cultural School Psychology* [pp. 981-984]. New York: Springer.
5. **Bovaird, J.A., & Ivie, J.L.** (2010). Intelligence/IQ. In C.S. Clauss-Ehlers (Ed.). *Encyclopedia of Cross-Cultural School Psychology* [pp. 545-547]. New York: Springer.
6. **Bovaird, J.A., & Kupzyk, K.A.** (2010). Sequential Designs. In N.L. Salkind, D.M. Dougherty, & B. Frey (Eds.) *Encyclopedia of research design* [pp. 1346-1351]. London: Sage.
7. **Bovaird, J.A., & Römhild, A.** (2010). High-stakes testing. In C.S. Clauss-Ehlers (Ed.). *Encyclopedia of Cross-Cultural School Psychology* [pp. 504-507]. New York: Springer.
8. **Bovaird, J.A., & Schenk, D.** (2010). SAT. In C.S. Clauss-Ehlers (Ed.). *Encyclopedia of Cross-Cultural School Psychology* [pp. 830-832]. New York: Springer.
9. Kupzyk, K.A., & **Bovaird, J.A.** (2010). College Board. In C.S. Clauss-Ehlers (Ed.). *Encyclopedia of Cross-Cultural School Psychology* [pp. 233-234]. New York: Springer.

Manuscripts, Reports, and Research-Related Works

1. McCormick, C., Koziol, N., Arthur, A., & **Bovaird, J.A.** (2012). *LARRC Technical Report on Psychometric Properties*. Lincoln, NE: The Nebraska Center for Research on Children, Youth, Families and Schools.
2. McCormick, C., Koziol, N., Arthur, A., & **Bovaird, J.A.** (2012). *LARRC Technical Report on Data Issues*. Lincoln, NE: The Nebraska Center for Research on Children, Youth, Families and Schools.
3. Arthur, A., McCormick, C., & **Bovaird, J.** (2011). *Psychometric Properties of LARRC Release A Scales: Recommendations for the Family Background Questionnaire and Teacher Background Questionnaires*. Lincoln, NE: The Nebraska Center for Research on Children, Youth, Families and Schools.
4. Koziol, N.A., **Bovaird, J.A., & Harms, P.D.** (2011). *GAT Item Analysis and Instrument Revision Project*. Lincoln, NE: The Nebraska Center for Research on Children, Youth, Families and Schools.
5. **Bovaird, J.A.** (2005). *A Statistical Exploration of the Kansas Vision for School Readiness*. Topeka, KS: Kansas State Department of Education.

6. **Bovaird, J.A.** (2004). *Predicting Student Readiness for School by Kansas County: A Preliminary Report Based on 2003 Pilot Data*. Topeka, KS: Kansas State Department of Education.
7. **Bovaird, J.A.** (2002). *New Applications in Testing: Using Response Time to Increase the Construct Validity of a Latent Trait Estimate*. Unpublished dissertation, University of Kansas, Lawrence, KS.
8. Ziegler, D.R., & **Bovaird, J.A.** (2002). *Baker University College of Arts and Sciences: Assessment of Student Learning Outcomes 2001*. Baldwin City, KS: Baker University, Office of Assessment and Institutional Research.
9. **Bovaird, J.A.**, & Ziegler, D.R. (2002). *Baker University institutional research report: An annual compilation*. Baldwin City, KS: Baker University, Office of Assessment and Institutional Research.
10. **Bovaird, J.A.**, & Ziegler, D.R. (2002). Exhibit 12: 2001 Baker University non-returning survey. *Baker University institutional research report: An annual compilation*. Baldwin City, KS: Baker University, Office of Assessment and Institutional Research.
11. **Bovaird, J.A.**, & Ziegler, D.R. (2002). Exhibit 13: Prediction model of freshman GPA. *Baker University institutional research report: An annual compilation*. Baldwin City, KS: Baker University, Office of Assessment and Institutional Research.
12. White, G.W., Branstetter, A., Chapman, V., Jay, A., **Bovaird, J.A.**, & Marquis, J.G. (2001). *Final report: Study 3 – behavioral strategies for maintaining and building on health gains*. Lawrence, KS: University of Kansas and Missoula, MT: University of Montana.
13. Ziegler, D.R., & **Bovaird, J.A.** (2001). *Baker University institutional research report: An annual compilation*. Baldwin City, KS: Baker University, Office of Assessment and Institutional Research.
14. **Bovaird, J.A.** (1999). *Individual Differences in Modifiability of Ability Under Time-Related Stress*. Unpublished master's thesis, University of Kansas, Lawrence, Kansas.
15. Ziegler, D.R., **Bovaird, J.A.**, and Ellifrits, J.L. (1997). *Baker University institutional research report: An annual compilation*. Baldwin City, KS: Baker University, Office of Institutional Research.
16. **Bovaird, J.A.** (1996). Exhibit 12: 1995 Baker University non-returning student survey: A preliminary report. *Baker University institutional research report: An annual compilation*. Baldwin City, KS: Baker University, Office of Institutional Research.
17. Ziegler, D.R., Sergent, S.D., & **Bovaird, J.A.** (1996). *Baker University institutional research report: An annual compilation*. Baldwin City, KS: Baker University, Office of Institutional Research.

Research Grants, Fellowships, and Contracts

Currently Funded Grants

- 2015-19 Co-Investigator/Subcontract Principal Investigator. *Efficacy of the START-Play Program for Infants with Neuromotor Disorders* (USDOE/IES). PI: R. Harbourne (Duquesne University). Total direct & indirect: \$475,407 (4 years).
- 2014-18 Co-Principal Investigator. *Healthy Schools: Environmental Factors, Children's Health and Performance, and Sustainable Building Practices* (EPA). PI: L. Wang. Total direct & indirect: \$998,433 (4 years).
- 2014-16 Statistician. *Early Temperament, Social/Contextual Support and Adolescent Adjustment* (NIH). PI: L. Crockett. Total direct & indirect: \$151,000 (2 years).
- 2012-16 Co-Principal Investigator. *Efficacy of the Getting Ready Intervention at Supporting Parental Engagement and Positive Outcomes for Preschool Children at Educational Risk* (USDOE/IES). PI: S. Sheridan. Total direct & indirect: \$3,212,918 (4 years).
- 2014-15 Co-Principal Investigator. *Conducting Education Research in Rural Settings* (USDOE-IES/UNL Sub-Contract through Decision Information Resources, Inc.). UNL Co-PI: S. Sheridan; DIR PI: R. Jackson. Total direct & indirect: \$104,671.39 (1 year).
- 2010-15 Investigator (Statistician). *The Language Bases of Skilled Reading Comprehension* (USDOE-IES). UNL Sub-Award PI: T. Hogan; Ohio State University PI: L. Justice. Total awarded: \$19,999,999; UNL Subaward: \$4,486,155 (5 years).
- 2010-15 Co-Principal Investigator. *A Randomized Trial of Conjoint Behavioral Consultation (CBC) in Rural Education Settings: Efficacy for Elementary Students with Disruptive Behavior* (USDOE/IES). PI: S. Sheridan. Total awarded: \$2,999,429 (4 years).
- 2009-15 Co-Principal Investigator (Core Director). *The National Center for Research on Rural Education (R²Ed)* (USDOE/IES). PI: S. Sheridan. Total direct: \$9,997,852 (5 years).

Completed Grants and Fellowships

- 2013-14 Statistician. *Temperament and preschool classroom processes as predictors of kindergarten achievement for children with demographic risk* (AERA). PI: K. Rudasill. Total requested: \$34,999 (1 year).
- 2011-14 Investigator (Statistician). *Efficacy of supplemental 'Early Vocabulary Connections' instruction for English language learners* (USDOE/IES). UNL Subaward PI: J. Nelson. Washington Research Institute PI: P. Vadasy. Total Sub-Award: \$258,054 (3 years).
- 2010-14 Program Faculty. *GAANN Fellowship for Educational Psychology* (USDOE). PI: R. de Ayala. Total awarded: \$547,242 (3 years).
- 2008-13 Co-Principle Investigator (Co-Training Director). *Postdoctoral Fellowship for Interdisciplinary Research on Learning Ecologies and Educational Innovations*. (USDOE/IES). Co-PIs: T. Glover & S. Sheridan. Total direct: \$599,694.

- 2010-12 Consultant (not named). *Testing Thresholds of Quality Care on Child Outcomes Globally & in Subgroups: Secondary Analysis of QUINCE, Early Head Start and Midwest Child Care Research Consortium Quality Rating Systems Pilot Data* (DHHS - ACF). PIs: H. Raikes & J. Torquati. Total awarded: \$120,000 (3 years).
- 2010-11 Co-Principal Investigator. *Research Agenda on Family-School Partnerships: An Interdisciplinary Examination of State of the Science and Critical Needs* (AERA). PI: S. Sheridan. Total direct: \$14,109 (1 year).
- 2009-10 Co-Investigator. *Continuity Across Family and School Systems to Promote the Learning and Development of Children and Adolescents* (NSF Workshop Grant). PI: S. Sheridan. Total direct: \$14,999.
- 2006-10 Consultant (Statistician). *Effectiveness of a Treatment for Pediatric Obesity* (DHHS grant R40MC06631-01-00). PI: R.G. Steele. Total direct: \$458,315.
- 2004-10 Methodological Consultant (Statistician). *Evaluation of the Efficacy of CBC for Addressing Disruptive Behaviors of Children at-Risk for Academic Failure* (USDOE). PI: S. Sheridan, Co-PI: T. Glover. Total direct: \$1,368,067.
- 2003-10 Methodological Consultant (Statistician). *Parent Engagement and Child Learning Birth to Five* (NIH/NICHHD). PI: S. Sheridan, Co-PIs: C.P. Edwards. Total direct: \$5,037,786.
- 2007-09 Principal Investigator. *Evaluating the Validity of Competing Methods for Measuring Cortical Activity* (UNL Research Council Layman competition). Total direct: \$10,000.
- 2004-05 Contractor (Statistician), *The Kansas Vision for School Readiness* (Kansas State Board of Education contract 652-03-1308). PIs: S. Martinez & G. Stuber. Contract: \$20,000.
- 2003-04 Summer Workshop Fellow, *Functional MRI Informatics Summer Workshop*. fMRI Data Center, Dartmouth College. \$200 + tuition & lodging.
- 2002-04 Postdoctoral Trainee, *Interdisciplinary Research Training in MR/DD* (NICHD 5-T32-HD07525-04). Program Director: K. Saunders.
- 2003 Visiting Fellow, *APA Advanced Training Institute Visiting Fellowship Program in Functional MRI*. NMR Center, Massachusetts General Hospital, Charlestown, MA. \$900.
- 2003 Conference Coordinator, *Statistical Approaches to Examining Ecological Models of Human Development* (NSF grant 0345677). Co-PIs: T. Little & J. Marquis. Total direct: \$20,000.
- 2001 Graduate Student Workshop Grant, Society of Multivariate Experimental Psychology, \$1000.

Pending Proposals

1. Co-Principal Investigator. *Children's Cognitive and Physical Development: Interactive Relationships Between Parenting and Community in the Rural South and Midwest* (NIH). PI: I Iruka. Total requested: \$428,902 (2 years). Submitted: 10/9/15.

2. Advisor/Mentor. *Regional Measurement Invariance: Potential Policy Implications* (AERA). PI: H. Lester. Total requested: \$19,980 (1 year). Submitted: 9/10/15.
3. Co-Principal Investigator. *Testing the Efficacy of INSIGHTS for Promoting Positive Learning Environments and Academic Achievement in Nebraska: A Replication Study* (USDOE/IES). PI: K. Rudasill. Total requested: \$3,299,501 (4 years). Submitted 8/6/15.
4. Co-Principal Investigator. *Early Learning Contexts in Rural and Urban Nebraska* (USDOE/IES). PI: S. Sheridan. Total requested: \$4,499,879 (5 years). Submitted: 8/5/15.
5. Investigator. *A Randomized Trial of Conjoint Behavioral Consultation (CBC) with Latino Students: A Replication Study* (USDOE/IES). PI: S. Sheridan. Total requested: \$3,449,987 (4 years). Submitted: 7/28/15.

Recent Unfunded Proposals

1. Co-Principal Investigator. *Efficacy of Coaching in Teacher Professional Development for Science Practice Skills* (USDOE/IES). PI: G. Nugent. Total requested: \$3,299,237 (4 years). Resubmitted: 8/6/15.
2. Co-Investigator. *Executive Control and Adolescent Weight Trajectories* (NIH). PI: T. Nelson. Total requested: \$3,709,671 (5 years). Resubmitted: 7/31/15.
3. Program Faculty. *GAANN Fellowship for Educational Psychology* (USDOE). PI: R. de Ayala. Total requested: \$581,898 (3 years). Submitted: 5/29/15
4. Co-Investigator. *Persistence of Interoceptive Conditioning with Nicotine in Females and Males* (NIH/NIDA) PI: R. Bevins. Total requested: \$250,142 (1 year). Submitted: 10/27/14.
5. Investigator. *Ecological moderators of conjoint behavioral consultation across two efficacy studies* (USDOE/IES). PI: A. Dent. Total requested: \$799,982 (4 years). Submitted: 8/7/14.
6. Co-Principal Investigator. *Efficacy of NU Data in Fostering the School Success of Students with Disabilities* (USDOE/IES). PI: B. Doll. Total requested: \$3,455,375 (4 years). Submitted 8/1/14.
7. Co-Investigator. *Risk for Interpersonal Revictimization: The Roles of Cumulative Victimization, Emotion Regulation, and Genetic Vulnerabilities* (NIH). PI: D. DiLillo. Total requested: \$3,722,355 (5 years). Submitted: 7/7/14.
8. Investigator. *Threat Assessment Approach in K-12 Schools* (NIJ). PI: M. Scalora. Total requested: \$2,736,463 (5 years). Submitted: 5/20/14.
9. Co-Principal Investigator. *Efficacy of Science Coaching in Teacher Professional Development* (NSF). PI: G. Nugent. Total Requested: \$2,999,901 (4 years). Submitted: 12/5/13.
10. Principal Investigator. *Psychometric Evaluation of DIBELS Next for Measuring Student Growth Over Time* (USDOE/IES). Total Requested: \$899,897 (3 years). Submitted: 9/4/13.

11. Co-Principal Investigator. *Extending Value-added Modeling Applications to Investigate the Impact of Missing Data and Other Design Factors* (USDOE/IES). PI: L. Hawley. Total Requested: \$279,825 (2 years). Submitted: 9/4/13.
12. Co-Principal Investigator. *Efficacy of Coaching in Teacher Professional Development for Science Inquiry in Grades 6-12* (USDOE/IES). PI: G. Nugent. Total requested: \$3,499,974 (4 years). Submitted: 9/4/13.
13. Co-Investigator. *A cross-system intervention managing overweight and obesity for 3 to 5 year olds* (NIH). PI: B. Clarke. Total direct & indirect: \$3,642,658 (5 years). Submitted: 7/19/13.
14. Statistician. *Pre-Service Teachers' Beliefs of Children's Emotional & Social Well Being* (Spencer Foundation). PI: K. Rudasill. Total requested: \$49,915 (2 years). Submitted: 5/15/13.
15. Co-Investigator. *The fit and impacts of portals in patients' personal health information management and health outcomes* (NIH/AHCRQ). PI: N. Shank. Total requested: \$1,204,979 (5 years). Submitted: 2/5/13.
16. Co-Principal Investigator. *Infant Toddler Literacy Assessment (ITLA)* (USDOE/IES). PI: C. Marvin. Total direct & indirect: \$1,592,534 (4 years). Submitted: 9/20/12.
17. Consultant (Statistician)/Subcontract Principal Investigator. *A Randomized Clinical Trial of a Comprehensive Function-Based Approach to the Treatment of Elopement in Children with Autism Spectrum Disorders* (DOD). PI: D. Lerman (University of Houston, Clear Lake). Total Sub-Award Requested (Direct & Indirect): \$4,930. Submitted: 11/21/11
18. Co-Principal Investigator. *Hazards SEES Type 2: Accurately Predicting and Effectively Communicating Flood Inundation Impacts in South Asia: Implementation of Scientific and Technical Modeling Information* (NSF). PI: S. Michaels. Total requested: \$2,799,970 (4 years). Submitted: 2/4/13.
19. Co-Investigator/Subcontract Principal Investigator. *Effects of Exercise on Taxane-Induced Neuropathy* (NIH). PI: C. Visovsky (University of South Florida). Total Sub-Award Requested (Direct & Indirect): \$127,968 (5 years). Re-submitted: 11/1/11.
20. Advisor/Mentor. *A Monte Carlo Simulation for Compliance Average Causal Effect in Long Term Randomized Intervention Studies with Noncompliance* (AERA). PI: C. Wu. Total Requested: \$19,880 (1 year). Submitted: 9/1/11.
21. Investigator. *Race to the Top* (USDOE). UNL Subaward PI: M. Kostelnik; Lead Agency: NE DHHS. Total Sub-Award: \$16,489,437 (4 years). Submitted: 10/19/11
22. Principal Investigator. *Regional Education Laboratory Subcontract* (USDOE). PI: L. Cicchinelli (Mid-continent Research for Education and Learning (McREL)). Total Sub-Award Requested (Direct & Indirect): \$249,999 (5 years). Submitted: 6/28/11.

23. Principal Investigator. *Doctoral Dissertation Research: A Monte Carlo simulation for compliance average causal effect in long term randomized intervention studies with noncompliance* (NSF). Co-PI (doctoral student): C. Wu. Total Requested: \$8,750 (1 year). Submitted: 8/16/11.
24. Co-Principal Investigator. *Family Partnerships Research Center (FPRC)* (USDOE/IES). PI: S. Sheridan, Total Award Requested (Direct & Indirect): \$9,999,993 (5 years). Submitted: 9/22/11.

Presentations

Papers Presented at Professional Meetings (last 10 years)

1. Arthur, A.M., & **Bovaird, J.A.** (2015, August). *A Comparison of GEE and Multilevel Models with Small Samples and Non-Normality*. Paper presented at the American Psychological Association annual meeting. Toronto, Ontario, Canada.
2. Bash, K.L., & **Bovaird, J.A.** (2015, August). *Evaluating Count Outcomes in Small Sample Designs with Multilevel Modeling*. Paper presented at the American Psychological Association annual meeting. Toronto, Ontario, Canada.
3. Koziol, N. A., & **Bovaird, J. A.** (2015, April). *A comparison of population-averaged and cluster-specific approaches in the context of unequal probabilities of selection*. Paper presented at the American Educational Research Association annual meeting. Chicago, IL.
4. Knoche, L., Cline, K. D., Sheridan, S., Edwards, C., Hawley, L., **Bovaird, J.A.** (2014, October). *Promoting connections across home and school: Investigating the preliminary efficacy of the Getting Ready intervention for children with identified concerns*. Presentation at the University of Nebraska-Lincoln College of Education and Human Sciences Research Showcase. Lincoln, NE.
5. Knoche, L., Cline, K. D., Sheridan, S., Edwards, C., Hawley, L., **Bovaird, J.A.** (2014, July). *Promoting connections across home and school: Investigating the preliminary efficacy of the Getting Ready intervention for children with identified concerns*. Paper presented at the 12th National Research Conference on Early Childhood, Head Start, ACF. Washington, DC.
6. Hawley, L. R., Wu, C., & **Bovaird, J. A.** (2014, April). *Stability of teacher value-added rankings across measurement model assumptions and educational contexts*. Paper presented at the annual meeting of the American Educational Research Association, Philadelphia, PA.
7. Glover, T., Ihlo, T., Martin, S., Howell Smith, M., & **Bovaird, J.A.** (2014, February). *Evaluating professional development with distance coaching for early reading RTI*. Paper presented at the National Association of School Psychologists Annual Conference. Washington, DC.
8. Shaw, L.H., & **Bovaird, J.A.** (2013, August). *Comparing Two Approaches for Estimating a Multivariate Latent Variable Value-Added Assessment Model*. Paper presented at the American Psychological Association annual meeting. Honolulu, HI.
9. Timberlake, E., & **Bovaird, J.A.** (2013, August). *Rurality as a Moderator: An Ecological Model of Macro- and Micro- Level Predictors of School Readiness*. Paper presented at the American Psychological Association annual meeting. Honolulu, HI.

10. **Bovaird, J.A.**, & LARRC (2013, April). *The Dimensionality of Language Ability in Young Children*. Paper presented at the Society for Research on Child Development annual meeting. Seattle, WA.
11. Shaw, L.H., & **Bovaird, J.A.** (2013, April). *Evaluating the Impact of Different Persistence and Measurement Model Assumptions on Value-Added Teacher Estimates*. Paper presented at the American Educational Research Association annual meeting. San Francisco, CA.
12. **Bovaird, J.A.** (2013, April). *The Future of Rural School Research and Development: Methodological Innovations for the Next Generation*. Invited presentation given at the Connect-Inform-Advance Conference. Omaha, NE.
13. Davidson, M. M., Nitzel, C., Duke, A., Baker, C. M., & **Bovaird, J.** (2012, August). *Advancing career counseling and employment support for survivors: An intervention evaluation*. Paper presented at the American Psychological Association annual meeting. Orlando, FL.
14. Lester, H., Wu, C., & **Bovaird, J.A.** (2012, July). *Evaluating Contextual Effects in Multilevel SEM: The Effects of Non-invariant Measurement at the Macro and Micro Levels with Small Sample Sizes*. Paper presented at the International Meeting of the Psychometric Society. Lincoln, NE.
15. Shaw, L.H., & **Bovaird, J.A.** (2012, July). *Incorporating latent variable outcomes in value-added assessment: An evaluation of univariate and multivariate measurement model structures*. Paper presented at the International Meeting of the Psychometric Society. Lincoln, NE.
16. Lester, H., **Bovaird, J.A.**, & Wu, C. (2012, April). *Two Approaches to Estimate Multilevel Confirmatory Factor Analysis Models with Small Macro Level Sample Sizes*. Paper presented at the American Educational Research Association annual meeting. Vancouver, British Columbia, Canada.
17. Shaw, L.H., **Bovaird, J.A.**, & Wu, C. (2012, April). *Incorporating Latent Variable Outcomes in Value-Added Assessment*. Paper presented at the American Educational Research Association annual meeting. Vancouver, British Columbia, Canada.
18. **Bovaird, J.A.**, Koziol, N.A., & Chumney, F. (2011, October). *An Ecological Model of School Readiness: A Methodological Investigation into the Role of Rurality*. Paper presented at the Building Solutions to Poverty: Methods and Metrics for Identifying Success Conference. Columbus, OH.
19. Sheridan, S. M., Glover, T. A., Nugent, G., Kunz, G. M., & **Bovaird, J.A.** (2011, October). *Advances of the National Center for Research on Rural Education (R²Ed)*. Invited presentation, National Rural Education Association Convention and Research Symposium, Hilton Head Island, SC.
20. Chumney, F., & **Bovaird, J.A.** (2011, August). *The Impact of Number of Likert Alternatives: The Role of Response Variability on Composite Score Psychometrics*. Paper presented at the American Psychological Association annual meeting. Washington, DC.
21. Story, J.S.P., Barbuto, J.E., Luthans, F., & **Bovaird, J.A.** (2011, August). *Antecedents of global mindset: Personal, psychological, and role complexity*. Paper presented at the Academy of Management annual meeting. San Antonio, TX.

22. Story, J.S.P., Youssef, C., Barbuto, J.E., Luthans, F., & **Bovaird, J.A.** (2011, August). *The contagion effect of global leaders' positive psychological capital on followers*. Paper presented at the Academy of Management annual meeting. San Antonio, TX.
23. Koziol, N.A., & **Bovaird, J.A.** (2011, May). *Comparing the Bias of Two Dyadic Indexes Under Conditions of Ordinality*. Paper presented at the Association for Psychological Science annual meeting. Washington, DC.
24. Shaw, L.H., & **Bovaird, J.A.** (2011, April). *The Impact of Latent Variable Outcomes on Value-Added Models of Intervention Efficacy*. Paper presented at the American Educational Research Association annual meeting. New Orleans, LA.
25. Welch, G.A., **Bovaird, J.A.**, Kupzyk, K.A., & Koziol, N.A. (2011, March). *Missing Data in Cluster Randomized Trials: Imputations and Auxiliary Variables*. Paper presented at the Biennial Meeting of the Society for Research in Child Development. Montreal, Canada.
26. Sheridan, S.M., **Bovaird, J.A.**, Garbacz, S.A., Coutts, M.J., & Holmes, S. (2011, February). *Results from a randomized trial investigating conjoint behavioral consultation: Direct observations of students*. Paper presented at the annual meeting of the National Association of School Psychologists, San Francisco, CA.
27. Sheridan, S., Glover, T., Kunz, G., & **Bovaird, J.A.** (2010, October). *National Center for Research on Rural Education: Research Directions and Outreach*. Paper presented at the National Rural Education Association Annual Convention and Research Symposium. Branson, MO.
28. **Bovaird, J.A.** (2010, September). *On Modeling the Family-School Ecosystem: Methodological and Statistical Issues for General Consideration*. Invited presentation given at the Interdisciplinary Alliance for Partnerships Research (IAPR) Family-School Partnerships Working Meeting. Omaha, NE.
29. **Bovaird, J.A.** (2010, August). *Exploring Sequential Design of Cluster Randomized Trials*. Paper presented at the American Psychological Association annual meeting. San Diego, CA.
30. Glover, T.G., **Bovaird, J.A.**, Koziol, N.A., & Glenn, B. (2010, August). *School Psychology Intervention Research: Methodological Considerations with Implications for Practice*. Paper presented at the American Psychological Association annual meeting. San Diego, CA.
31. Koziol, N.A., & **Bovaird, J.A.** (2010, August). *Measurement Invariance with Censored Likert Scale Data: A Methodological Comparison*. Paper presented at the American Psychological Association annual meeting. San Diego, CA.
32. Shaw, L.H., & **Bovaird, J.A.** (2010, August). *Extending Multilevel Structural Equation Modeling Beyond Two Levels*. Paper presented at the American Psychological Association annual meeting. San Diego, CA.

33. Wu, C., Gaskill, T., Haines, C., & **Bovaird, J.A.** (2010, August). *Monte Carlo Simulation of Mediation Processes in Parallel Process LGM*. Paper presented at the American Psychological Association annual meeting. San Diego, CA.
34. Hogan, T.P., Catts, H.W., & **Bovaird, J.A.** (2010, July). *Orthographic Restructuring in Children with SLI*. Paper presented at the Society for the Scientific Studies of Reading Conference. Berlin, Germany.
35. Glover, T.A., Ihlo, T., Parisi, D.M., Hofstadter, K.L., Nugent, G.C., Welch, G.W., **Bovaird, J.A.**, Kupzyk, S.S., Trainin, G., & Shapiro, E.S. (2010, June). *Rural Teachers' Professional Development, Instructional Knowledge, and Classroom Practice: Initial Findings from a National Survey*. Paper presented at the Institute for Education Science Research Conference. Washington, DC.
36. **Bovaird, J.A.**, Sheridan, S.M., Glover, T.G., Welch, G.G. (2010, June). *Efficacy of Conjoint Behavioral Consultation at Home and School: Testing Direct Effects on Observed Behaviors*. Paper presented at the Institute for Education Science Research Conference. Washington, DC.
37. Koziol, N., & **Bovaird, J.A.** (2010, April). *Evaluating Complementary Structural Models of Dynamic Change: Latent Differences versus Piecewise Growth*. Paper presented at the American Educational Research Association annual meeting. Denver, CO.
38. Römheld, A., & **Bovaird, J.A.** (2010, April). *Recovery of Test Dimensionality in Multiple Choice Data when Guessing is Present*. Paper presented at the American Educational Research Association annual meeting. Denver, CO.
39. Shaw, L.H., & **Bovaird, J.A.** (2010, April). *Value-Added Models for Controlling Classroom Mobility and Teacher Turnover in Efficacy Trials*. Paper presented at the American Educational Research Association annual meeting. Denver, CO.
40. Sheridan, S.M., Glover, T.G., Nugent, G.C., Kunz, G.M., & **Bovaird, J.A.** (2010, March). *National Center for Research on Rural Education: Nebraska Directions and Perspectives*. Paper presented at the Nebraska Rural Community Schools Association (NRCSA) Spring Conference. Kearney, NE.
41. Sheridan, S. M., Glover, T. A., Kunz, G. M., **Bovaird, J. A.**, & Witte, A. L. (2009, October). *Creating rural connections: Translating and extending research-based partnership approaches for rural contexts*. Paper presented at the National Rural Education Association Annual Convention and Research Symposium, Cincinnati, OH.
42. Sheridan, S. M., Glover, T. A., Nugent, G. C., Kunz, G. M., & **Bovaird, J. A.** (2009, October). *National Center for Research on Rural Education: Pioneering new frontiers in rural education research*. Paper presented at the National Rural Education Association Annual Convention and Research Symposium, Cincinnati, OH.
43. **Bovaird, J.A.** (2009, August). *Complex Modeling with Small Samples*. Paper presented at the American Psychological Association annual meeting. Toronto, Canada.

44. Koziol, N., & **Bovaird, J.A.** (2009, August). *Using Experimental Designs to Evoke Construct Validity Evidence*. Paper presented at the American Psychological Association annual meeting. Toronto, Canada.
45. Shaw, L., & **Bovaird, J.A.** (2009, August). *Value-Added School Effect Models with the Early Childhood Longitudinal Study*. Paper presented at the American Psychological Association annual meeting. Toronto, Canada.
46. **Bovaird, J.A.**, Sheridan, S.M., Glover, T.A., & Garbacz, S.A. (2009, June). *Fixed vs. Sequential Experimental Designs: Implications for Cluster Randomized Trials in Education*. Paper presented at the Institute for Education Science Research Conference. Washington, DC.
47. Hogan, T., Catts, H., **Bovaird, J.A.**, McCarthy, J., & Weismer, E. (2009, June). *Reciprocal relation between word reading and nonword repetition in school-age children with specific language impairment*. Paper presented at the Symposium on Research in Child Language Disorders. Madison, WI.
48. Kwon, K., Sheridan, S.M., **Bovaird, J.A.**, & Glover, T.A. (2009, June). *Children Identified with Disabilities: Conjoint Behavioral Consultation Effects on Parent- and Teacher-Rated Child Behaviors*. Paper presented at the Institute for Education Science Research Conference. Washington, DC.
49. Sheridan, S.M., Glover, T.A., **Bovaird, J.A.**, Garbacz, S.A., & Kwon, K. (2009, June). *Conjoint Behavioral Consultation: Effects on Student Behaviors and Family-School Outcomes*. Paper presented at the Institute for Education Science Research Conference. Washington, DC.
50. **Bovaird, J.A.**, & Kupzyk, K.A. (2009, April). *Sampling error adjustments with finite geographical populations*. Paper presented at the American Educational Research Association annual meeting. San Diego, CA.
51. Haines, C., & **Bovaird, J.A.** (2009, April). *Using graphical techniques from discriminant analysis to understand and interpret cluster solutions*. Paper presented at the American Educational Research Association annual meeting. San Diego, CA.
52. **Bovaird, J.A.**, Sheridan, S.M., & Glover, T. (2009, April). *Observing Disruptive Student Behavior: A Multilevel Synthesis of Single-Case Frequency Outcomes in the Classroom and Home Settings*. Paper presented at the Biennial Meeting of the Society for Research in Child Development. Denver, CO.
53. Burt, J.D., Sheridan, S.M., Kupzyk, K.A., **Bovaird, J.A.**, & Marvin, C. (2009, April). *The Effect of the Home Learning Environment on Child Emergent Literacy for Children of Low-Income Families*. Paper presented at the Biennial Meeting of the Society for Research in Child Development. Denver, CO.
54. Clarke, B.L., Sheridan, S.M., **Bovaird, J.A.**, Kupzyk, K.A., Cline, K.D., & Knoche, L.L. (2009, April). *Measuring Important Parenting Behavior Constructs: Confirmatory Factor Analysis of the P/CIS*. Paper presented at the Biennial Meeting of the Society for Research in Child Development. Denver, CO.

55. Clarke, B.L., Sheridan, S.M., Edwards, C.P., **Bovaird, J.A.**, & Kupzyk, K.A. (2009, April). *Adult Support and Parental Self-Efficacy: Moderating and Mediating Factors for Low-Income Parents of Young Children*. Paper presented at the Biennial Meeting of the Society for Research in Child Development. Denver, CO.
56. Givens, J.E., Toland, M.D., Swearer, S., & **Bovaird, J.A.** (2009, April). *Evaluating the Children's Version of the Reading the Mind in the Eyes Test Using Item Response Theory*. Paper presented at the Biennial Meeting of the Society for Research in Child Development. Denver, CO.
57. Sheridan, S.M., Knoche, L.L., Edwards, C.P., **Bovaird, J.A.**, & Kupzyk, K.A. (2009, April). *Getting Ready: Intervention Effects on the Social Competence of Low-Income Infants and Toddlers*. Paper presented at the Biennial Meeting of the Society for Research in Child Development. Denver, CO.
58. Torquati, J.C., Raikes, H.H., Huddlestone-Casas, C.A., & **Bovaird, J.A.** (2009, April). *Quality of Child Care for Low Income Children: Still Inequity*. Paper presented at the Biennial Meeting of the Society for Research in Child Development. Denver, CO.
59. **Bovaird, J.A.**, Chumney, F., & Wu, C. (2008, June). *On the Finite Population Correction in Multilevel Modeling: Implications for Nesting within Geographic Region*. Paper presented at the International Meeting of the Psychometric Society. Durham, NH.
60. **Bovaird, J.A.**, Sheridan, S.M., & Glover, T., Garbacz, S.A., & Toland, M.D. (2008, June). *Synthesizing single-case research: Comparing meta-analysis approaches for repeated behavioral observations on students clustered within classroom*. Paper presented at the Institute for Education Science Research Conference. Washington, DC.
61. Sheridan, S.M., Glover, T., & **Bovaird, J.A.** (2008, June). *Parent-teacher consultation and intervention integrity: Preliminary effects for students with disruptive behaviors*. Paper presented at the Institute for Education Science Research Conference. Washington, DC.
62. Sheridan, S.M., Knoche, L.L., Edwards, C.P., **Bovaird, J.A.**, Clarke, B.L., & Kupzyk, K.A. (2008, June). *Getting Ready: Preliminary effects of a parent engagement intervention to promote school readiness*. Paper presented at Head Start's Ninth National Research Conference. Washington, DC.
63. Chumney, F.L., Shaw, L.H., Haines, C.A., & **Bovaird, J.A.** (2008, May). *I can't picture that!: Integrating technology in the classroom to help students understand statistical concepts*. Paper presented at the Association for Psychological Science annual meeting. Chicago, IL.
64. Steele, R.G., Aylward, B.S., Jensen, C.D., Benson, E.R., Davis, A.M., & **Bovaird, J.A.** (2008, April). *Evaluation of Positively Fit: A behaviorally-based family intervention for pediatric obesity: Initial results of an RCT in an applied clinical setting*. Poster presented at the 2008 National Conference on Child Health Psychology. Miami, FL.
65. **Bovaird, J.A.**, & Kupzyk, K.A. (2008, March). *Validating the Use of Cortical Measures of Cognition in Intervention Research with Children*. Paper presented at the American Educational Research Association annual meeting. New York, NY.

66. **Bovaird, J.A.**, Shaw, L., & Chumney, F. (2008, March). *The Trouble with Non-Normal Data: Determining a Context-Appropriate Solution*. Paper presented at the American Educational Research Association annual meeting. New York, NY.
67. Dwyer, A., **Bovaird, J.A.**, & Marincic, J. (2008, March). *Computing Validity Coefficients for Zero-Inflated Poisson Criterion Variables*. Paper presented at the National Council on Measurement in Education annual meeting. New York, NY.
68. Dwyer, A., **Bovaird, J.A.**, & Marincic, J. (2008, March). *Investigating Longitudinal Growth Model Alternatives for Randomized Trials with Recurrent Event Outcomes*. Paper presented at the American Educational Research Association annual meeting. New York, NY.
69. Gaskill, T., Penn, J., Wu, C., & **Bovaird, J.A.** (2008, March). *Establishing Markov Models as Viable Tools for Education and Intervention Research*. Paper presented at the American Educational Research Association annual meeting. New York, NY.
70. Römhild, A., & **Bovaird, J.A.** (2008, March). *Controlling Type I error in applications of the MIMIC model for DIF detection: A Monte Carlo Simulation Study*. Paper presented at the National Council on Measurement in Education annual meeting. New York, NY.
71. Römhild, A., & **Bovaird, J.A.** (2008, March). *Dimensionality and Invariance in English Language Proficiency Assessment of LEP Students*. Paper presented at the National Council on Measurement in Education annual meeting. New York, NY.
72. Toland, M., **Bovaird, J.A.**, & Kupzyk, K.A. (2008, March). *On the Impact of Longitudinal Measurement Non-Invariance on Growth Curve Modeling*. Paper presented at the American Educational Research Association annual meeting. New York, NY.
73. **Bovaird, J.A.**, & Hawley, L.R. (2007, August). *Response Latency as a Measure of Changing Test-Taking Strategy*. Paper presented at the American Psychological Association annual meeting. San Francisco, CA.
74. **Bovaird, J.A.**, Kupzyk, K.A., Maikranz, J., Dreyer, M., Steele, R. (2007, August). *Missing Data and Standard Errors with Partial Least Squares*. Paper presented at the American Psychological Association annual meeting. San Francisco, CA.
75. Kupzyk, K.A., **Bovaird, J.A.**, & Wu, C. (2007, August). *Analytical Equivalence among Statistical Models for Accelerated Longitudinal Designs*. Paper presented at the American Psychological Association annual meeting. San Francisco, CA.
76. Penn, J., Gaskill, T., **Bovaird, J.A.**, Siebecker, A., Givens, J., & Swearer, S.M. (2007, August). *Changes in Bullying Over Time: An Application of Markov Models*. Paper presented at the American Psychological Association annual meeting. San Francisco, CA.
77. Römhild, A., **Bovaird, J.A.**, Norman, R., Babl, J., & Swearer, S.M. (2007, August). *High School Bullying and Victimization: A Latent Difference Score Model*. Paper presented at the American Psychological Association annual meeting. San Francisco, CA.

78. Swearer, S.M., **Bovaird, J.A.**, Buhs, E.S., & Givens, J.E. (2007, August). *Peer Aggression and Victimization: Patterns of Change across Middle School*. Paper presented at the American Psychological Association annual meeting. San Francisco, CA.
79. Wang, C., **Bovaird, J.A.**, Swearer, S.M., Buhs, E. (2007, August). *A Longitudinal Study of Locus of Control, Aggression, Depression, and Helplessness within the Bullying Context*. Paper presented at the American Psychological Association annual meeting. San Francisco, CA.
80. Sheridan, S.M., Glover, T.A., & **Bovaird, J.A.**, Garbacz, S.A., Swanger-Gagne, M.S., & Witte, A.L. (2007, June). *Influencing and Understanding Change in Parent-Teacher Relationships through Consultation-based Interventions*. Paper presented at the Institute for Education Science Research Conference. Washington, DC.
81. **Bovaird, J.A.** (2007, May). *Cognitive Psychology and High Stakes Testing: Process Models and Item Generation*. Paper presented at the Contemporary Issues in High Stakes Testing Conference. Lincoln, NE.
82. Römhild, A., & **Bovaird, J.A.** (2007, May). *Assessing the Factorial Structure of Language Proficiency: Dimensionality and Invariance among Students with Limited English Proficiency*. Paper presented at the Contemporary Issues in High Stakes Testing Conference. Lincoln, NE.
83. Sheridan, S.M., Edwards, C.P., Knoche, L.L., Cline, K., & **Bovaird, J.A.** (2007, April). *Getting Ready: The Effects of Parent Engagement on School Readiness of Low-Income Children*. Paper presented at the American Educational Research Association annual meeting. Chicago, IL.
84. Sheridan, S.M., Edwards, C.P., Knoche, L.L., Cline, K., & **Bovaird, J.A.** (2007, April). *Getting Ready: The Effects of Parent Engagement on School Readiness of Low-Income Children*. Paper presented at the Society for Research in Child Development biennial meeting. Boston, MA.
85. **Bovaird, J.A.**, & Embretson, S.E. (2006, August). *Using Response Time to Increase Construct Validity of Trait Estimates*. Paper presented at the American Psychological Association annual meeting. New Orleans, LA.
86. **Bovaird, J.A.**, Martinez, S., & Stuber, G. (2006, August). *Multilevel Structural Equation Modeling of Kindergarten Readiness with Finite Samples*. Paper presented at the American Psychological Association annual meeting. New Orleans, LA.
87. Kupzyk, K.A., **Bovaird, J.A.**, & Marquis, J.G. (2006, August). *Determining Optimal Design Features in an Accelerated Longitudinal Study*. Paper presented at the American Psychological Association annual meeting. New Orleans, LA.
88. Givens, J.E., Swearer, S.M., & **Bovaird, J.A.** (2006, June). *Predicting Outcomes of Relational Victimization and Relational Aggression in Early Adolescence*. Poster presented at the Midwestern Social Development Consortium annual meeting. Lincoln, NE.
89. Maikranz, J., Steele, R.G., Dreyer, M., **Bovaird, J.A.**, & Stratman, A. (2006, April). *Family Hope and Illness-Related Uncertainty: Associations with Post-transplant Adherence among Pediatric*

Renal and Liver Transplant Recipients. Paper presented at the National Conference on Child Health Psychology. Gainesville, FL.

90. Swearer, S.M., Buhs, E.S., & **Bovaird, J.A.** (2006, March). *Bullying and Victimization: Stability of Self-, Peer-, and Teacher-Nominations over Three Years*. Paper presented at the Society for Research on Adolescence biennial meeting. San Francisco, CA.
91. Shogren, K.A., **Bovaird, J.A.**, Wehmeyer, M.L., & Palmer, S.B. (2005, August). *Development of Perceptions of Control in Children and Youth with Mental Retardation*. Paper presented at the American Psychological Association annual meeting. Washington, DC.
92. Kupzyk, K.A., Ivie, J.L., **Bovaird, J.A.**, & Embretson, S.E. (2005, August). *Predicting Strategies for Solving Multiple-Choice Quantitative Reasoning Items*. Paper presented at the American Psychological Association annual meeting. Washington, DC.
93. **Bovaird, J.A.**, Locker, L., Hoffman, L., & Simpson, G. (2005, May). *The Use of Multilevel Modeling in the Analysis of Psycholinguistic Data*. Paper presented at the Midwestern Psychological Association annual meeting. Chicago, IL.
94. **Bovaird, J.A.**, Marquis, J.G., Duncan, P.W., & Lai, S.M. (2004, November). *Multivariate Growth Curve Analysis of the Kansas City Stroke Data*. Paper presented at the Gerontological Society of America annual meeting. Washington, DC.
95. Woods, G., Mathews, M.R., & **Bovaird, J.A.** (2004, November). *Behavioral Mapping to Study Resident Activity Engagement, Location, and Proximity to Others*. Paper presented at the Gerontological Society of America annual meeting. Washington, DC.
96. Little, T.D., Hoffman, L., **Bovaird, J.A.**, Finger, M., & Widaman, K.F. (2002, October). *On the Merits of Orthogonalizing Powered and Interaction Terms: Implications for Modeling Interactions Among Latent Variables*. Paper presented at the Society for Multivariate Experimental Psychology annual meeting. Chapel Hill, NC.
97. **Bovaird, J.A.**, & Gallant, S.J. (2002, August). *The SOD Scale: An Initial Study of Reliability and Validity*. Paper presented at the American Psychological Association annual convention. Chicago, IL.

Invited Presentations and Colloquia

1. **Bovaird, J.A.** (2013, April). *The Future of Rural School Research and Development: Methodological Innovations for the Next Generation*. Invited presentation given at the Connect-Inform-Advance Conference. Omaha, NE.
2. **Bovaird, J.A.** (2012, January). *Not All Students Need to be Assessed: Research Designs Where Data are Intentionally Missing*. Invited presentation given in the Nebraska Center for Research on Children, Youth, Families and Schools Research Methodology Series. Lincoln, NE.

3. **Bovaird, J.A.** (2011, October). *Not All Students Need to be Assessed: Research Designs Where Data are Intentionally Missing*. Invited presentation given to Program Officers from the Institute of Education Science. Washington, DC.
4. **Bovaird, J.A.** (2011, September). *Research Designs where Data are Intentionally Missing*. Presentation given in the Quantitative, Qualitative, & Psychometric Methods Professional Seminar. Lincoln, NE.
5. **Bovaird, J.A.** (2011, September). *Research Designs where Data are Intentionally Missing*. Invited presentation given at the Institute of Education Science Principal Investigator Meetings. Washington, DC.
6. **Bovaird, J.A.** (2011, February). *Fixed vs. Sequential Experimental Designs: Implications for Cluster Randomized Trials in the Social Sciences*. Presentation given in the Quantitative, Qualitative, & Psychometric Methods Professional Seminar. Lincoln, NE.
7. **Bovaird, J.A.** (2009, November). *Methods for Modeling Context*. Invited presentation given in the Nebraska Center for Research on Children, Youth, Families and Schools Research Methodology Series. Lincoln, NE.
8. **Bovaird, J.A.** (2008, May). *Moderation and Mediation with Structural Equation Models*. Invited presentation given in the Nebraska Center for Research on Children, Youth, Families and Schools Research Methodology Series. Lincoln, NE.
9. **Bovaird, J.A.** (2007, November). *Complex Modeling with Small Samples*. Invited presentation given in the Nebraska Center for Research on Children, Youth, Families and Schools Research Methodology Series. Lincoln, NE.
10. **Bovaird, J.A.** (2007, September). *Moderation with Latent Variables: Issues and Alternative Approaches*. Presentation given in the Quantitative, Qualitative, & Psychometric Methods Professional Seminar. Lincoln, NE.
11. **Bovaird, J.A.** (2007, September). *Validating Response Latency as a Measure of Motivation*. Presentation given in the Quantitative, Qualitative, & Psychometric Methods Professional Seminar. Lincoln, NE.
12. **Bovaird, J.A., & Kupzyk, K.A.** (2007, September). *Latent Variable Approaches to Fitting Growth Curves*. Invited presentation given in the Nebraska Center for Research on Children, Youth, Families and Schools Research Methodology Series. Lincoln, NE.
13. **Bovaird, J.A.** (2007, April). *Structural Equation Modeling*. Invited presentation given in the CSU-Fresno Dept. of Psychology Life Beyond T-Tests and ANOVA Seminar Series. Fresno, CA.
14. **Bovaird, J.A., & Dwyer, A.** (2007, January). *So Your Data Are Not Normal – What’s New?* Invited presentation given in the Nebraska Center for Research on Children, Youth, Families and Schools Research Methodology Series. Lincoln, NE.

15. **Bovaird, J.A.** (2006, October). *Accounting for Contextual Influences: Multilevel Modeling in Intervention Research*. Invited presentation given in the Nebraska Center for Research on Children, Youth, Families and Schools Research Methodology Series. Lincoln, NE.
16. **Bovaird, J.A.,** Toland, M., & Kupzyk, K. (2006, December). *Missing Data: What It Is and What You Can Do about It*. Invited presentation given in the Nebraska Center for Research on Children, Youth, Families and Schools Research Methodology Series. Lincoln, NE.
17. **Bovaird, J.A.** (2006, March). *Structural Equation Modeling: Implications for Testing Mediators and Moderators*. Invited presentation given in the Nebraska Center for Research on Children, Youth, Families and Schools Research Methodology Series. Lincoln, NE.
18. Glover, T., & **Bovaird, J.A.** (2006, April). *Research Design I: Designing Effective Intervention Research*. Invited presentation given in the Nebraska Center for Research on Children, Youth, Families and Schools Research Methodology Series. Lincoln, NE.
19. **Bovaird, J.A.** (2005, April). *On Multilevel Modeling Via the Mixed Linear Model: Growth Curves, Multivariate Change, and New Extensions*. Invited colloquium given to the Department of Psychology, University of Kansas, Lawrence, KS.
20. **Bovaird, J.A.** (2005, February). *On Multilevel Modeling Via the Mixed Linear Model: From Stroke Recovery to Student Readiness for Kindergarten*. Invited colloquium given to the Department of Educational Psychology, University of Nebraska, Lincoln, NE.
21. Little, T.D., **Bovaird, J.A.,** & Marquis, J.G. (2004, March). *Modeling Ecological and Contextual Influences on Developmental Processes: Overcoming the Barriers*. Introductory presentation at the Modeling Longitudinal Processes in an Ecological Context conference. Tempe, AZ.

Awards and Honors

Professional

College of Education and Human Sciences Faculty Student Mentoring Award Nominee 2010, 2011, 2012

University of Nebraska-Lincoln Graduate Student Association Outstanding Service to Graduate Students Award Nominee 2010-2011

College of Education and Human Sciences Early Career Research/Creative Activity Award 2008

College of Education and Human Sciences Scholarly Enhancement Program (2006 – 2008)

Graduate

Preparing Future Faculty Fellow (2001 – 2002)

Psychology Department nominee for the Outstanding GTA Award (2001)

Undergraduate

Student Body President (1995-96, 1996-97)

Who's Who in American Colleges and Universities (1995 – 1997)

National Dean's List (1995 – 1997)
University Scholarship (1992 – 1996)
Gessner Memorial Scholarship (1996 – 1997)
Sigma Phi Epsilon Robert C. Findlay Memorial Scholarship (1993 – 1994)
Cardinal Key National Honor Society, *First male member initiated by Baker University's chapter.*
Blue Key National Honor Society, *President.*
Psi Chi National Honor Society

Teaching Experience

Graduate Courses:

Statistical Methods in Psychology I & II (sequence on the general linear model)
Multivariate Analysis
Multilevel Modeling
Longitudinal Data Analysis
Intro to Bayesian Statistics
Intro to Statistical Analysis & Lab
Introduction to Educational Measurement
Structural Equation Modeling
Advanced Structural Equation Modeling
Computer Assisted Data Analysis
Correlational & Experimental Methods

Undergraduate Courses:

Statistics in Psychological Research
Cognitive Psychology
Physiological Psychology
Comparative Psychology
First Year Experience

Teaching Assistant:

Statistical Methods in Psychology I & II
Statistics in Psychological Research

Training Sessions & Workshop Presentations

1. **Bovaird, J.A.** (2004). *An Introduction to Interactive LISREL and PRELIS*. Workshop presentation as part of the 2004 RDA Summer Institute. Lawrence, KS: University of Kansas, Research Design & Analysis Unit.
2. Little, T.D., & **Bovaird, J.A.** (2003). *Structural Equation Modeling: Foundations and Extended Applications*. 5-Day Summer Institute. Lawrence, KS: University of Kansas, Research Design & Analysis Unit.

3. Bremer, J., **Bovaird, J.A.**, & Grigg, J. (August 2001). *Lessons Learned: Suggestions and Advice*. Facilitated Session. Lawrence, KS: University of Kansas, About Teaching: A Conference for New GTAs.
4. Green, S., Marquis, J., Wallace, D., Fleming, K., Peyton, V., Diehl, K., & **Bovaird, J.A.** (1999). *Mixed Models for Longitudinal Data*. Workshop Presentation. Lawrence, KS: University of Kansas, Research Design and Analysis Unit.

Professional Service

Postdoctoral Fellows:

| | |
|---|----------------------|
| Dr. Kyongboon Kwon <i>University of Wisconsin-Milwaukee</i> [8/08-7/10] | Co-training director |
| Dr. Courtney Wheeler NE Center for Research on CYFS [8/10-6/11] | Co-training director |
| Dr. Liz Moorman-Kim NE Center for Research on CYFS [8/09-8/12] | Co-training director |
| Dr. Kristin Rispoli NE Center for Research on CYFS [9/11-8/13] | Co-training director |
| Dr. Ji Hoon Ryoo <i>University of Virginia</i> [7/10-7/12] * Awarded the 2011 UNL Outstanding Postdoc Award | Mentor |
| Dr. Leslie Shaw NE Center for Research on CYFS [12/12-10/13] * Awarded the 2013 Phi Beta Kappa Dr. Ron Joekel Research Award | Mentor |
| Dr. Natalie Koziol NE Academy for Methodology, Analytics, and Psychometrics [6/15-present] | Mentor |

Doctoral Committees:

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| Ashley Buonasera; Psychology, <i>Marriott Hotels</i> | Completed 6/06 |
| Chiung-ju Liu; Gerontology, <i>Indiana University at Indianapolis (IUPUI)</i> | Completed 7/06 |
| James Peugh; Educational Psychology, <i>University of Virginia</i> | Completed 10/06 |
| Jennifer Ivie, Psychology; <i>California State University, Fresno</i> | Completed 3/07 |
| Gillian Woods; Gerontology, <i>University of Kansas</i> | Completed 6/07 |
| Brandi Clarke; Educational Psychology, <i>University of Nebraska-Lincoln</i> | Completed 10/07 |
| Yongwei Yang; Educational Psychology, <i>Gallup</i> | Completed 4/08 |
| Jennifer Burt; Ed. Psychology, <i>University of Nebraska Medical Center</i> | Completed 5/08 |
| Cassandra LeClair-Underberg; Comm. Studies, <i>Texas State U. - San Marcos</i> | Completed 5/08 |
| Xiaojuan Mi; Statistics | Completed 4/09 |
| Olena Kaminska; Survey Research & Methodology | Completed 5/09 |
| Michelle Swanger; Educational Psychology | Completed 8/09 |
| Jami Givens; Educational Psychology | Completed 11/09 |
| Daniel Abbott; Educational Psychology, <i>Microsoft</i> | Completed 5/10, Co-Chair |
| Brett Foley; Educational Psychology, <i>Alpine Testing Solutions</i> | Completed 7/10 |
| Jennifer Green; Statistics, <i>University of Nebraska-Lincoln</i> | Completed 7/10 |
| Kevin Kupzyk; Educational Psychology, <i>U. of Nebraska Medical Center</i> | Completed 4/11, Chair |

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| Katie Woods; Educational Psychology | Completed 11/11 |
| Leslie Shaw; Educational Psychology, <i>University of Nebraska-Lincoln</i> | Completed 11/12, Chair |
| Dong Hyun Lee; Management | Completed, 4/13 |
| Xiaoyun Zhang; Child, Youth, and Family Studies | Completed 5/13 |
| Frances Chumney; Educational Psychology, <i>U. of West Georgia</i> | Completed 7/13, Chair |
| Adam Collins; Educational Psychology | Completed 5/14 |
| Charles Davidson; Psychology | Completed 5/14 |
| Leeza Struwe; Educational Psychology, <i>U. of Nebraska Medical Center</i> | Completed 6/14, Chair |
| Robin Criter; Special Education & Communication Disorders | Completed 11/14 |
| Natalie Koziol; Educational Psychology | Completed 5/15, Chair |
| Michael Coutts; Educational Psychology | Completed 5/15 |
| Irina Kalutskaya; Educational Psychology | Completed 5/15 |
| Carina McCormick; Educational Psychology | Completed 8/15 |
| Ann Arthur; Educational Psychology | In progress, Chair |
| Houston Lester; Educational Psychology | In progress, Chair |
| Anja Römhild; Educational Psychology | In progress, Chair |
| Weldon Smith; Educational Psychology | In progress, Chair |
| Chaorong Wu; Educational Psychology | In progress, Chair |
| David Dewester; Psychology | In progress |
| Timothy Gaskill; Educational Psychology | In progress |
| Brooke Glenn; Educational Psychology | In progress |
| Mary Hayes; Educational Psychology | In progress |
| Shannon Holmes; Educational Psychology | In progress |
| Hyesun Lee; Educational Psychology | In progress |
| Joonhee Lee; Architectural Engineering | In progress |
| Brad Smith; Educational Psychology | In progress |
| Mengyang (Mia) Wang; Survey Research & Methodology | In progress |
| Michael Zweifel; Educational Psychology | In progress |
| Kirstie Bash; Educational Psychology | Advisor |
| Benjamin Baumfalk; Educational Psychology | Advisor |
| Donna Chen; Educational Psychology | Advisor |
| Paul Dizona; Educational Psychology | Advisor |
| Amanda Garrett; Educational Psychology | Advisor |
| Jayden Nord; Educational Psychology | Advisor |
| Jared Stevens; Educational Psychology | Advisor |
| Elizabeth Timberlake; Educational Psychology | Advisor |

Master's Thesis Committees/Supervision:

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|---|-----------------------|
| Kevin Kupzyk, Psychology, University of Kansas | Completed 7/05, Chair |
| Anja Römhild, Educational Psychology, UNL | Completed 4/07, Chair |
| Carina McCormick, Educational Psychology, UNL | Completed 6/09 |
| <i>* Awarded the 2009-2010 UNL Folsom Distinguished Master's Thesis Award</i> | |
| Natalie Koziol, Educational Psychology, UNL | Completed 7/10, Chair |
| <i>* Awarded the 2010-2011 UNL Folsom Distinguished Master's Thesis Award</i> | |
| Cassie Connealy, Educational Psychology, UNL | Completed 7/10 |
| Michael Wilmot, Ag. Leadership, Education, & Comm., UNL | Completed 5/11 |
| Frances Chumney; Educational Psychology, UNL | Completed 5/12, Chair |

*** Nominated for the 2012-2013 UNL Folsom Distinguished Master's Thesis Award**

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|---|--------------------|
| Geoff Weller; Educational Administration, UNL | Completed 11/13 |
| Kirstie Bash; Educational Psychology | Completed 12/15 |
| Donna Chen; Educational Psychology | In progress, Chair |
| Jayden Nord; Educational Psychology | In progress, Chair |
| Weldon Smith; Educational Psychology | In progress, Chair |
| Jared Stevens; Educational Psychology | In progress, Chair |
| Elizabeth Timberlake; Educational Psychology | In progress, Chair |

Conference/Workshop/Speaker Series Coordinator:

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|----------------|---|
| 2014 – present | <i>Nebraska Methodology Workshop</i> . Various contributors. Lincoln, NE; 1 speaker per semester. |
| 2006 – 2014 | <i>Nebraska Center for Research on Children, Youth, Families and Schools Research Methodology Series</i> . Various contributors. Lincoln, NE; 2-4 speakers per semester. |
| 2010 | <i>Family-School Partnerships Working Meeting</i> , Omaha, NE, September 20-21, 2010. (Co-coordinators: S. Sheridan, G. Nugent, G. Kunz) |
| 2009 - 2010 | <i>Randomized Trials in the Social and Behavioral Sciences</i> – featuring Dr. Peggy McArdle, Dr. Larry Hedges, and Dr. David Cordray. Lincoln, NE; April 15, 2009; March 31-April 1, 2010; April 19-20, 2010; TBD. (Workshop and colloquium series co-sponsored by NE Center for Research on CYFS; National Center for Research on Rural Education; and UNL Survey, Statistics, & Psychometrics Core Facility) |
| 2009 | <i>Diagnostic Measurement: Theory, Methods, and Applications</i> – featuring Dr. Jonathan Templin. Lincoln, NE, April 30-May 1, 2009. |
| 2006-2007 | <i>Current Issues in High Stakes Testing: A Festschrift for Barbara Plake</i> , Lincoln, NE, May 17-19, 2007. (Co-coordinators: C. Buckendahl, K. Geisinger, C. Ansorge) |
| 2003-2004 | <i>Modeling Longitudinal Processes in an Ecological Context</i> , Tempe, AZ, March 4-6, 2004. (Co-coordinators: T. Little & J. Marquis) |

Reviewer:

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| 2002 | <i>International Journal of Behavioral Development</i> (ad hoc) |
| 2004 | Lawrence Erlbaum Associates |
| 2005 | Oxford University Press <i>Journal of Consulting and Clinical Psychology</i> (ad hoc) |
| 2006 | <i>Journal of Educational Measurement</i> (ad hoc) <i>School Psychology Review</i> (ad hoc) Pearson Education/Merrill Prentice Hall |
| 2007 | <i>School Psychology Review</i> (ad hoc) Pearson Education/Merrill Prentice Hall <i>Applied Measurement in Education</i> (ad hoc) <i>Multivariate Behavioral Research</i> (ad hoc) <i>Identity</i> (ad hoc) American Educational Research Association – Div. D, HM SIG, SEM SIG American Psychological Association, Div. 5 |

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| 2008 | <i>School Psychology Review</i> (ad hoc) <i>Multivariate Behavioral Research</i> (ad hoc) American Educational Research Association – Div. D, HM SIG, SEM SIG American Psychological Association, Div. 5 |
| 2009 | <i>School Psychology Review</i> (ad hoc) <i>Multivariate Behavioral Research</i> (ad hoc) <i>Behavior Research Methods</i> (ad hoc) American Psychological Association, Div. 5 |
| 2010 | <i>Behavior Research Methods</i> (ad hoc) <i>Applied Measurement in Education</i> (ad hoc) <i>Multivariate Behavioral Research</i> (ad hoc) |
| 2011 | <i>Multivariate Behavioral Research</i> (ad hoc) <i>School Psychology Review</i> (ad hoc) |
| 2012 | <i>Clinical Gerontologist</i> (ad hoc) <i>Psychological Methods</i> (ad hoc) American Psychological Association, Div. 5 |
| 2013 | American Psychological Association, Div. 5 |
| 2014 | American Psychological Association, Div. 5 <i>Psychometrika</i> (ad hoc) |

National Service:

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|-------------------------|---|
| Fall 2011 – Spring 2017 | Institute of Education Sciences Peer Review Basic Processes Panel Standing Member (2 three-year terms) |
| Fall 2012 – Fall 2015 | American Psychological Association, Division 5 Executive Committee Coordinating Officer and Secretary |
| Spring 2013 | Institute of Education Sciences Outstanding Predoctoral Fellow Award Selection Committee Member |
| Fall 2009 – Spring 2012 | American Psychological Association, Division 5 Executive Committee Secretary |
| Spring 2011 | Institute of Education Sciences FY2011 Peer Review Panel ad hoc member |

Faculty Service:

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|-------------------------|--|
| Fall 2013 – present | EDPS Executive Committee Member |
| Fall 2013 – present | QQPM Program Director |
| Spring 2011 – present | Survey, Statistics, & Psychometrics Core Facility (SSP) steering committee member |
| Spring 2007 – present | QQPM Research Seminar coordinator |
| Spring 2007 – present | QQPM Student Association Faculty Advisor |
| Spring 2006 – present | Advisor to the Nebraska Evaluation and Research (NEAR) Center |
| Fall 2015 – Spring 2016 | EDPS Faculty Search Committee (Educational Neuroscience) |
| Fall 2014 | UNL Department of Educational Psychology Search Screening Committee |
| Fall 2011 – Spring 2014 | Department of Educational Psychology Graduate Committee member |
| Fall 2012 – Spring 2013 | EDPS Department Chair 5-Year Review Steering Committee |
| Fall 2012 – Spring 2013 | EDPS Faculty Search Comm. Chair (Quantitative Methods) |
| Fall 2012 – Spring 2013 | CYFS Research Faculty Search Comm. Chair (Methodologist/Statistician) |

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| Fall 2012 – Spring 2013 | SECD Faculty Search Committee (Research Methodology) |
| Fall 2011 – Spring 2012 | EDPS Faculty Search Comm. Chair (Quant. Methods & Psychometrics) |
| Fall 2011 – Spring 2012 | CYAF Extension Specialist in Early Childhood Education Search Committee |
| Spring 2011 | CYAF Extension Specialist in Early Childhood Education Search Committee |
| Spring 2011 | CEHS Awards Nominating Committee - Research and Creative Activity Awards Sub-committee |
| Spring 2010 | CYFS-Database Specialist Search Committee Chair |
| Spring 2010 | CEHS Awards Nominating Committee - Research and Creative Activity Awards Sub-committee |
| Fall 2009 | Office of Research & Economic Development Advisory Committee member for UNL's response to the Nebraska Race to the Top proposal |
| Summer 2009 | CYFS-Research Methodologist Search Committee Chair |
| Spring 2009 | Reviewer for UNL Office of Research Layman internal grant competition |
| Fall 2008 | EDPS Faculty Search Comm. Chair (Quant. Methods & Psychometrics) |
| Spring 2006 – Fall 2008 | Methodological reviewer for IANR-ARD project proposals |
| Spring 2008 | CEHS Reviewer for Layman internal grant competition |
| Fall 2007 – Spring 2008 | CYFS-SRM Search Committee |
| Fall 2006 – Spring 2007 | QQPM-IEERM Faculty Search Committee |

Committees/Positions (Graduate School):

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|-------------------------|--|
| Fall 1998 - Spring 1999 | Student Representative to the Experimental Program |
| Spring 1999 | Quantitative Faculty Search Committee |
| Fall 1999 - Spring 2000 | Experimental Student Representative to the Psychology Department |
| Fall 2000 - Fall 2002 | Quantitative Student Representative to the Psychology Department |
| Fall 2000 - Fall 2002 | Student Representative to the Quantitative Program |

Professional Memberships

American Educational Research Association – Division D, SEM SIG
 American Psychological Association
 American Psychological Association, Division 5
 National Rural Education Association
 Psychometric Society

Additional Research and Teaching Experience

| | |
|---------------|--|
| 10/99 - 11/02 | <u>Statistical Analyst (Graduate Research Assistant)</u> , Research Design & Analysis Unit, Schiefelbusch Institute for Life Span Studies, University of Kansas. |
| 7/01 - 8/02 | <u>Lab Manager (Graduate Research Assistant)</u> , Cognitive Measurement Research Group, University of Kansas. [ETS-funded] |
| 10/00 - 5/02 | <u>Assistant to the Director</u> , Office of Assessment and Institutional Research, Baker University. |
| 6/95 - 5/97 | |
| 7/01 - 8/01 | <u>Graduate Teaching Assistant</u> , Department of Psychology, University of Kansas. |
| 8/97 - 5/00 | |
| 6/00 - 5/01 | <u>Assistant Instructor</u> , Department of Psychology, University of Kansas. |

- 1/00 - 8/00 Statistical Consultant, Department of Psychology, University of Kansas.
5/98 - 8/00 Project Assistant (Methodological & Statistical), Product Development & New Product Design, Hill's Pet Nutrition, Topeka, KS.
8/96 - 12/96 Student Instructor, First Year Experience Program, Baker University.
8/95 - 12/95

Additional Professional Training

American Psychological Association Advanced Training Institute:

Visiting Fellowship Program in Functional MRI (Massachusetts General Hospital), R. Savoy *et al* (6/03); *Structural Equation Modeling in Longitudinal Research* (University of Virginia), J. McArdle *et al* (6/07)

Electrical Geodesics, Inc. (EGI) Workshops:

BESA – Workshop & Training Course, M. Scherg from MEGIS Software GmbH (4/03)

fMRI Data Center:

fMRI Informatics Summer Workshop, J. Van Horn *et al* (7/03); *fMRI Informatics Summer Workshop*, J. Van Horn *et al* (7/04)

Grant Writer's Seminars & Workshops:

Getting Started as a Successful Grant Writer & Academician, D. Morrison (3/07)

Kansas State University Conference on Applied Statistics in Agriculture Workshops:

Bayesian Methods in Agriculture, A. Carriquiry (4/05); *Sample size & Power in Study Planning*, R. O'Brien (4/02); *Multiple Comparisons*, P. Westfall (4/01)

Mplus Short Courses:

Statistical Analysis with Latent Variables Using Mplus, B. Muthén & L. Muthén (11/03)

Nebraska Academy for Methodology, Analytics, & Psychometrics; Nebraska Methodology Workshop:

Structural equation modeling, R. Kline (11/14); *Bayesian analysis*, D. Kaplan (4/15); *Missing data*, C. Enders (10/15)

Notre Dame Series on Quantitative Methodologies:

Data Analytic Techniques for Dynamical Systems, S. Boker *et al* (5/03); *Connecting Statistical and Computational/Process Models of Cognitive Aging*, Michael Wenger *et al* (5/04)

Schieffelbusch Institute for Life Span Studies, Research Design & Analysis Unit Workshops:

Missing Data & Correlated Change Models, S. Hofer & L. Hoffman (5/05); *Group-Based Trajectory Modeling*, D. Nagin (2/04). *SEM w/ LISREL 8.50*, G. Mels (5/03); *Partial Least Squares (PLS)*, W. Chin (11/02); *Bootstrapping, Multiple comparisons*, T. Loughin (5/02); *Sequential analysis of events, Resampling techniques*, P. Yoder (5/01); *Power analysis & GLM*, S. Maxwell (2/00); *Multiple regression*, D. Kenney (5/98)

Scientific Software International Professional Development Training Sessions:

SEM w/ LISREL 8.50, S. du Toit & D. Sörbom (9/01); *HLM w/ HLM 5*, T. Bryk & S. Raudenbush (5/01)

University of Nebraska-Lincoln, Survey, Statistics, & Psychometrics Core Facility Workshops:

Workshop on Longitudinal Data Analysis, A. Acock & W. Stroup (5/07)