

# *Ross Larsen*

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Brigham Young University  
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## *Education*

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**Texas A&M University**, College Station, TX **(May 2010)**

- Ph.D., Educational Psychology-Research and Measurement
- Dissertation: *Second level cluster dependencies: A comparison of modeling software and missing data techniques*

Committee: Dr. Victor Willson (Co-Chair), Dr. Bob Hall (Co-Chair), Dr. Mike Speed, Dr. Suojin Wang.

**Brigham Young University**, Provo, UT.

- M.S., Statistics **(August 2006)**
- Dissertation: *Food shelf life: Estimation and experimental design*

Committee: Dr. Bruce Schaalje (chair), Dr. Scott Grimshaw, Dr. John Lawson.

- B.S., Biostatistics. Minor Psychology **(August 2004)**
- Dean's List. August 2004

## *Professional and Teaching Experience*

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**Brigham Young University** **(2014- current)**  
*Instructional Psychology and Technology Department*

Assistant Professor

Taught classes on intermediate/advanced statistics. Developed structural equation modeling curriculum.

**Virginia Commonwealth University** **(2013-2014)**

*Foundations of Education Department*

Assistant Professor

Taught classes on intermediate/advanced statistics. Provided statistical support for entire department.

**University of Virginia** **(2012-2013)**

*The U.V.A. Center to Promote Effective Youth Development*

Research Associate

Consulted on grants and articles dealing with youth violence, attention-deficit disorder, and teacher mis-perception of student ability

**University of Virginia**

**(2010-2012)**

*Institute for Education Science Post-Doctoral Fellow*

Primary Methodologist on the *Responsive Classroom Efficacy Study*

Randomized Control Trial Funded by the Institute for Education Sciences; Rimm-Kaufman (PI).  
Center for the Advanced Study of Teaching and Learning

- Conducted primary intent-to-treat data analyses, led and contributed to lab meetings, consulted on methodological issues relating to Bayesian statistics, structural equation modeling, missing data techniques, reliability, and longitudinal data analysis.
- Mentored four doctoral students on multilevel, longitudinal, and structural equation modeling

Mentors: Dr. Sara Rimm-Kaufman, Dr. Xitao Fan *Instructor and Course Developer*.

- Missing Data Techniques four-day Intensive Workshop for Faculty, Postdoctoral, Doctoral Students in the Social Sciences (multiple imputations, full information maximum likelihood)

**Texas A&M**

*Pre-Doctoral Fellow*

**(2009-2010)**

Primary Methodologist on the *School Leadership Improvement Study* Randomized  
Control Trial. Goddard (PI).

Education Leadership Research Center, Texas A&M, College Station

- Analyzed data for study to ascertain whether the School Leadership increased student achievement outcomes.

Mentor: Dr. Roger Goddard

*Instructor and Course Co-Developer*.

- Quantitative Methods II. Multiple regression, factor analysis, and manuscript preparation (literature review, methods section, results section, discussion)

*Instructor*

- Introductory Statistics for undergraduates (t-test, categorical data analysis, simple linear regression, ANOVA)

**Brigham Young University**

**(2001-2006)**

*Instructor*

- Principles of Statistics (Salt Lake Center) Classes of thirty undergraduates *Course and Teacher Assistant*.
- Principles of Statistics, taught weekly labs. Promoted to 'Course Assistant' after 2 years and helped manage 20+ teacher assistants

## *Research and Consulting Positions*

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**Methodologist Consultant, *Social Innovation Fund, JBS International* (2015-Present)**

- Read and critiqued grant submissions for methodological rigor and accuracy.

**Primary Methodologist, MERC VaSTEM Connect (2013)**

- Evaluated effectiveness of intervention designed to improve teacher quality in STEM subjects.

**Contracted Project Director. *HERE! Initiative Implementation Process Evaluation.* (2013)**

- Primary data analyst on truancy reduction program involving district and court intervention

**Primary Methodologist, *A Matter of Balance***

Department of Social and Behavioral Health, Texas A&M, College Station (2009-2010)

- Analyzed data to determine the effectiveness of *A Matter of Balance*, an intervention designed to reduce the number of falls of senior citizens in the state of Texas. Mentor: Dr. Marcia Ory

**Primary Methodologist, *Evaluation of Nursing Homes' Propensity for Outdoor Activity***

Department of Architecture, Texas A&M, College Station (2008-2009)

- Determined which factors were the most effective in increasing outdoor activity of the residents in nursing homes. Presented results in pamphlet form to nursing homes and architecture students.

Mentor: Dr. Susan Rodiek

**Primary Methodologist, *Social Studies Reading and Vocabulary Intervention***

Department of Educational Psychology, Texas A&M, College Station (2009-2010)

- Analyzed results of an intervention, gave evidence that it increased vocabulary scores.

Mentor: Dr. Deborah Simmons

**Statistical Consultant Intern Intel, Phoenix Arizona. (Summer 2004 & Summer 2005)**

- Provided statistical support on a variety of company projects.
- Won divisional award on an experimental design to study the allocation of factory starts.

Mentor: Michael Mahaney

***First, Equal Author, or Student First Author Publications***

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(Underlined authors are students)

\*Hilton, J. L., **Larsen, R. A. A.**, Wiley, D., Fischer, L. (2019). Substituting open educational resources for commercial curriculum materials: Effects on student mathematics achievement in elementary schools. *Research in Mathematics Education*.

\*Equal first authorship

Jones, E., **Larsen, R.**, Sudweeks, R. R., Young, K. R., & Gibb, G. S. (2018). Evaluating Paraeducator-led Reading Interventions in Elementary School: A Multi-Cutoff Regression-Discontinuity Analysis. *Journal of Research on Educational Effectiveness*, 11(4), 507-534.

Henrie, C. R., Bodily, R., **Larsen, R.**, & Graham, C. R. (2018). Exploring the potential of LMS log data as a proxy measure of student engagement. *Journal of Computing in Higher Education*, 1-19. (cited 3 times according to google scholar)

Bodily, R., **Larsen, R.**, & Warne, R. T. (2018). Piecewise propensity score analysis: A new method for conducting propensity score matching with polytomous ordinal independent variables. *Archives of Scientific Psychology*, 6 (1), 14-20.  
<http://dx.doi.org/10.1037/arc0000035> (cited twice according to google scholar)

Jamil, F. M., **Larsen, R. A.**, & Hamre, B. K. (2018). Exploring longitudinal changes in teacher expectancy effects on children's mathematics achievement. *Journal for Research in Mathematics Education*, 49(1), 57-90. (cited 13 times according to google scholar)

Manwaring, K. C., **Larsen, R.**, Graham, C. R., Henrie, C. R., & Halverson, L. R. (2017). Investigating student engagement in blended learning settings using experience sampling and structural equation modeling. *The Internet and Higher Education*, 35, 21-33. (cited 25 times according to google scholar)

Spackman, J. S., & **Larsen, R.** (2017). Evaluating the Impact of Social Media Marketing on Online Course Registration. *The Journal of Continuing Higher Education*, 65(3), 151-165.

**Larsen, R.**, Wanless, S., Rimm-Kaufman, S. E., & Curby, T.W. (2015) Direct and Indirect Effects of Principal Leadership on Teacher Quality and Mathematics Achievement in the Context of the *Responsive Classroom* Approach In DiPaola, M. F and Hoy, W. K. *Leadership and school quality*. Charlotte, NC: InfoAge.

\*Warne, R. T., Larsen, R. (2014). Evaluating a proposed modification to the Guttman rule for determining the number of factors in an exploratory factor analysis. *Psychological Test and Assessment Modeling*, 56, 104-123. (cited 41 times according to google scholar)

\*Equal first authorship

Note: It may appear that I have just three first author publications, my department also defines first authorships as those publications where I am the second author to a student first author. This is to encourage and reward mentorship. With that in mind, I have six articles with a student first author. One of them has two student first authors.

### ***Before BYU***

- Larsen, R.** (2011). Missing data imputation versus full information likelihood with second level dependencies. *Structural Equation Modeling: A Multidisciplinary Journal*, 18:4, 649-662. doi:10.1080/10705511.2011.607721 (cited 101 times according to google scholar)
- Larsen, R.,** Warne, R. (2010). Estimating confidence intervals for eigenvalues in exploratory factor analysis. *Behavior Research Methods*, 42(3), 871-876. doi:10.3758/BRM.42.3.87 (cited 66 times according to google scholar)
- Larsen, R. A. A.** (2010). *Second Level Cluster Dependencies: A Comparison of Modeling Software and Missing Data Techniques*. Texas A&M University.
- Larsen, R. A.,** Schaalje, G. B. & Lawson, J. S. (2010). Food shelf life: Estimation and optimal design. *Journal of Statistical Computation and Simulation*, 80 (2), 143-157. doi:10.1080/00949650802549135 (cited 8 times according to google scholar)

### ***Other Publications***

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- Caldarella, P., Johnson, J. E., **Larsen, R. A. A.**, Heath, M. A., & Warren, J. S. (in press). Adolescent sports participation and parent perceptions of resilience: A comparative study. *The Physical Educator*,
- Uka, F., von Suchodoletz, A., **Larsen, R.** , Gunzenhauser, C. (in press) Exploring a bidirectional model of executive functions and fluid intelligence. *Intelligence*,
- Caldarella, P., **Larsen, R. A. A.**, Williams, L., Wills, H. P., & Wehby, J. H. (2019). Teacher praise-to-reprimand ratios: Behavioral response of students at risk for EBD compared with typically developing peers. *Education and Treatment of Children*, 42, 447-468.
- Graham, C. R., Borup, J., Pulham, E., & **Larsen, R.** (2019). K–12 Blended Teaching Readiness: Model and Instrument Development. *Journal of Research on Technology in Education*, 1-18.

- von Suchodoletz, A., Barza, L., & **Larsen, R. A.** (2019). Examination of teacher–child interactions in early childhood education programmes in the United Arab Emirates. *International Journal of Early Years Education*, 1-16.
- Hilton III, J., **Larsen, R.**, Wiley, D., & Fischer, L. (2019). Substituting open educational resources for commercial curriculum materials: Effects on student mathematics achievement in elementary schools. *Research in Mathematics Education*, 21(1), 60-76. (cited 4 times according to google scholar)
- von Suchodoletz, A., Rojas, N. M., Nadyukova, I., **Larsen, R. A.**, & Uka, F. (2019). Exploring Diurnal Cortisol Rhythms of Kindergarten Teachers in Kosovo and Ukraine. *American journal of community psychology*, 1-12. (cited twice according to google scholar)
- Jensen, B., Mejía-Arauz, R., Grajeda, S., Toranzo, S. G., Encinas, J., & **Larsen, R.** (2018). Measuring cultural aspects of teacher–child interactions to foster equitable developmental opportunities for young Latino children. *Early Childhood Research Quarterly*. (cited twice according to google scholar)
- Downs, K. R., Caldarella, P., **Larsen, R. A.**, Charlton, C. T., Wills, H. P., Kamps, D. M., & Wehby, J. H. (2018). Teacher Praise and Reprimands: The Differential Response of Students at Risk of Emotional and Behavioral Disorders. *Journal of Positive Behavior Interventions*, 00(0), 1-13 doi:1098300718800824.
- von Suchodoletz, A., Jamil, F. M., **Larsen, R. A.**, & Hamre, B. K. (2018). Personal and contextual factors associated with growth in preschool teachers' self-efficacy beliefs during a longitudinal professional development study. *Teaching and Teacher Education*, 75, 278-289. (cited 6 times according to google scholar)
- Baroody, A. E., Ferretti, C., & **Larsen, R.** (2018). Promoting low-income preschoolers' school readiness through a text messaging intervention. *Journal of Children and Poverty*, 24(2), 123-143.
- Veletsianos, G., Kimmons, R., **Larsen, R.**, Dousay, T. A., & Lowenthal, P. R. (2018). Public comment sentiment on educational videos: Understanding the effects of presenter gender, video format, threading, and moderation on YouTube TED talk comments. *PloS one*, 13(6), e0197331. (cited 3 times according to google scholar)
- Nielsen, P. L., Bean, N. W., & **Larsen, R. A. A.** (2018). The Impact of a Flipped Classroom Model of Learning on a Large Undergraduate Statistics Class. *Statistics Education Research Journal*, 17(1). 121-140. (cited 5 times according to google scholar)

- Caldarella, P., **Larsen, R. A.**, Williams, L., Wills, H., Kamps, D., & Wehby, J. H. (2018). Effects of CW-FIT on Teachers' Ratings of Elementary School Students at Risk for Emotional and Behavioral Disorders. *Journal of Positive Behavior Interventions*, 20(2), 78-89.
- Cancio, E. J., **Larsen, R.**, Mathur, S. R., Estes, M. B., Johns, B., & Chang, M. (2018). Special Education Teacher Stress: Coping Strategies. *Education and Treatment of Children*, 41(4), 457-481. (cited 4 times according to google scholar)
- Graham, C. R., Borup, J., Pulham, E., & **Larsen, R.** (2017). *K-12 blended teaching readiness: Phase 1 instrument development*. Retrieved from <https://mvlri.org/wp-content/uploads/2017/11/k12-blended-teaching-readiness-phase-1-instrument-development.pdf> (cited 6 times according to google scholar)
- Salloum, S. J., Goddard, R. D., & **Larsen, R.** (2017). Social Capital in Schools: A Conceptual and Empirical Analysis of the Equity of Its Distribution and Relation to Academic Achievement. *Teachers College Record*, 119(7), 1-7. (cited 6 times according to google scholar)
- Caldarella, P., **Larsen, R. A.**, Williams, L., Wehby, J. H., Wills, H., & Kamps, D. (2017). Monitoring academic and social skills in elementary school: A psychometric evaluation of the Classroom Performance Survey. *Journal of Positive Behavior Interventions*, 19(2), 78-89. (cited 3 times according to google scholar)
- Baroody, A. E., Rimm-Kaufman, S. E., **Larsen, R. A.**, & Curby, T. W. (2016). A multi-method approach for describing the contributions of student engagement on fifth grade students' social competence and achievement in mathematics. *Learning and Individual Differences*, 48, 54-60. (cited 17 times according to google scholar)
- Garcia, J. M., Sirard, J. R., **Larsen, R.**, Bruening, M., Wall, M., & Neumark-Sztainer, D. (2016). Social and psychological factors associated with adolescent physical activity. *Journal of Physical Activity and Health*, 13(9), 957-963. (cited 10 times according to google scholar)
- Griffin, B. J., Garthe, R. C., Worthington Jr, E. L., Sullivan, T. N., **Larsen, R.**, Lavelock, C. R., & Davis, D. E. (2016). How positive processes function in negative relationships: Dispositional gratitude moderates the association between affective need and frequency of dating violence victimization. *The Journal of Positive Psychology*, 11(4), 388-398. (cited 3 times according to google scholar)

- LoCasale-Crouch, J., DeCoster, J., Cabell, S. Q., Pianta, R. C., Hamre, B. K., Downer, J. T., Hattfield, B. E., Larsen, R. A., ... & LaParo, K. (2016). Unpacking intervention effects: Teacher responsiveness as a mediator of perceived intervention quality and change in teaching practice. *Early childhood research quarterly*, 36, 201-209. (cited 12 times according to google scholar)
- Garthe, R. C., Sullivan, T. N., **Larsen, R. A. A.** (2015). Bidirectional associations between perceived parental support for violent and nonviolent responses and early adolescent aggressive and effective nonviolent behaviors. *Journal of Adolescence*, 45, 183-195. (cited 6 times according to google scholar)
- Kofler, M. J., **Larsen, R.**, Sarver, D. E., & Tolan, P. H. (2015). Developmental trajectories of aggression, prosocial behavior, and social–cognitive problem solving in emerging adolescents with clinically elevated attention-deficit/hyperactivity disorder symptoms. *Journal of abnormal psychology*, 124(4), 1027-1042.  
doi:<http://dx.doi.org/10.1037/abn0000103> (cited 17 times according to google scholar)
- von Suchodoletz, A., **Larsen, R. A.**, Gunzenhauser, C., & Fäsche, A. (2015). Reading and spelling skills in German third graders: Examining the role of student and context characteristics. *British Journal of Educational Psychology*, 85(4), 533-550.  
doi:10.1111/bjep.12090 (cited 13 times according to google scholar)
- von Suchodoletz, A. v., Gunzenhauser, C., and **Larsen, R. A. A.** (2015). Observing children's interactions in kindergarten classrooms: The Individualized Classroom Assessment Scoring System. *German Journal for Early Education* (4), 211-217.  
doi:10.1026/2191-9186/a000207
- von Suchodoletz, A., Gunzenhauser, C., & **Larsen, R. A.** (2015). Die Beobachtung von Interaktionen im Kindergartenalltag. *Frühe Bildung*. (cited 7 times according to google scholar, this is the German translation of the above cited article)
- Warne, R. T., **Larsen, R.**, Anderson, B., & Odasso, A. J. (2015). The impact of participation in the Advanced Placement program on students' college admissions test scores. *Journal of Educational Research*, 108 (5), 400-416. (cited 48 times according to google scholar)



- von Suchodoletz, A., Uka, F., & **Larsen, R. A.** (2015). Self-regulation across different contexts: Findings in young Albanian children. *Early Education and Development*, 26(5-6), 829-846. (cited 15 times according to google scholar)
- Ottmar, E. R., Rimm-Kaufman, S. E., **Larsen, R. A.**, & Berry, R. Q. (2015). Mathematical knowledge for teaching, standards-based mathematics teaching practices, and student achievement in the context of the responsive classroom approach. *American Educational Research Journal*, 52(4), 787-821. (cited 38 times according to google scholar)
- Wanless, S. B., Rimm-Kaufman, S. E., Abry, T., **Larsen, R. A.**, & Patton, C. L. (2015). Engagement in training as a mechanism to understanding fidelity of implementation of the responsive classroom approach. *Prevention Science*, 16(8), 1107-1116. (cited 14 times according to google scholar)
- Baroody, A. E., Rimm-Kaufman, S. E., **Larsen, R.**, & Curby, T. W. (2014). The link between Responsive Classroom training and student-teacher relationship quality in the fifth grade: A study of fidelity of implementation. *School Psychology Review*, 43(1) 69-85. (cited 39 times according to google scholar)
- Rimm-Kaufman, S. E., Baroody, A. E., **Larsen, R. A.**, Curby, T. W., & Abry, T. (2014). To What Extent Do Teacher–Student Interaction Quality and Student Gender Contribute to Fifth Graders’ Engagement in Mathematics Learning? *Journal of Educational Psychology* 107(1) 170-185. doi: 10.1037/a0037252 (cited 94 times according to google scholar)
- Rimm-Kaufman, S. E., **Larsen, R.**, Curby, T. W., Baroody, A. E., Merritt, E., Abry, T. S., Ko, M., Thomas, J., & DeCoster, J. (2014). Results from a three year longitudinal randomized controlled trial of the Responsive Classroom approach. *American Education Research Journal*. doi:10.3102/0002831214523821
- Tolan, P. H., & Larsen, R. (2014). Trajectories of Life Satisfaction During Middle School: Relations to Developmental-Ecological Microsystems and Student Functioning. *Journal of Research on Adolescence*, 24 (3), 497-511. (cited 23 times according to google scholar)

### ***Before BYU***

- Abry, T., Rimm-Kaufman, S. E., **Larsen, R.**, & Brewer, A. J. (2013). The influence of fidelity of implementation on teacher-student interaction quality in the context of a randomized controlled trial of the Responsive Classroom approach. *Journal of School Psychology*, 51, 437-453. doi:http://dx.doi.org/10/1016/j.jsp.2013.03.001 Nominated for the JSB article of the year. (cited 70 times according to google scholar)

- Ottmar, E. R., Rimm-Kaufman, S. E., Berry, R.Q., & **Larsen R.** (2013) Does the responsive classroom approach affect the use of standards-based mathematics teaching practices? Results from a randomized controlled trial. *The Elementary School Journal* 113(3) 434-457. doi:10.1086/668768 (cited 25 times according to google scholar)
- Smith, M. L., Maitland II, J. J., Wilson, K. L., Menn, M., & **Larsen, R.** (2012). Perceived Accuracy of Popular Culture Magazine Content and Perceptions of Female Sexual Response: A Pilot Study. *Journal of Health Behavior and Public Health*, 1(2), 8- 16.
- Ottmar, E. R., Rimm-Kaufman, S. E., **Larsen, R.**, & Merritt, E. G. (2011) Relations between Mathematical Knowledge for Teaching, Mathematics Instructional. *Education*, 35(5), 330-351. (cited 6 times according to google scholar)
- Merritt, E. G., Rimm-Kaufman, S. E., Berry, R. Q., Walkowiak, T. A., & **Larsen, R. A.** (2011). The Contribution of Mathematics Instructional Quality and Class Size to Student Achievement for Third Grade Students from Low Income Families. *Society for Research on Educational Effectiveness*. (cited 7 times according to google scholar)
- Hairrell, A., Rupley, W. H., Edmonds, M., **Larsen, R.**, Simmons, D., Willson, V., Byrns, G. & Vaughn, S. (2010). Examining the impact of teacher quality on fourth-grade students' comprehension and content-area achievement. *Reading and Writing Quarterly* 27(3) 239-260. doi:10.1080/10573569.2011.560486 (cited 31 times according to google scholar)
- Smith, M. L., Wade, A. F., Ory, M. G. & **Larsen, R.** (2010). Older women in a statewide evidence-based falls prevention program: Who enrolls and what benefits are obtained? *Women's Health Issues* 20 (6) 427-434. doi:10.1016/j.whi.2010.07.003 (cited 24 times according to google scholar)
- Miller, R. J., Goddard, Y. L., Goddard, R., **Larsen, R.**, & Jacob, R. (2010). Instructional Leadership: A Pathway to Teacher Collaboration and Student Achievement. Online Submission. (cited 33 times according to google scholar)
- Goddard, Y. L., Miller, R., **Larsen, R.**, Goddard, R., Madsen, J., & Schroeder, P. (2010). Connecting Principal Leadership, Teacher Collaboration, and Student Achievement. Online Submission. (cited 43 times according to google scholar)
- Simmons, D. C., Hairrell, A., Edmonds, M., Vaughn, S., **Larsen, R.** , Willson, V., Rupley, W. & Byrns, G. (2010). A comparison of multiple-strategy methods: Effects on fourth-grade students' general and content-specific reading comprehension and vocabulary development. *Journal of Research on Educational Effectiveness* 3 121-156. doi:10.1080/19345741003596890 (cited 38 times according to google scholar)

- Smith, M. L., McKyer, E. L. & **Larsen, R.** (2009). Factor structure and psychometrics of the Adolescent Health Risk Behavior survey instrument. *American Journal of Health Behavior* 34(3) 328-339. Retrieved from <http://tinyurl.com/5sf6zzy>. (cited 13 times according to google scholar)
- Smith, M. L., Ory, M. G., Wade, A., Mounce, C., & **Larsen, R. A.** (2009, October). Factors influencing outcomes of an evidence-based falls prevention program for Texas seniors. In *Gerontologist* (Vol. 49, pp. 422-422). 1030 15th st NW, ste 250, Washington, DC 20005202-842 USA: Gerontological Soc Amer.
- Ory, M. G., Smith, M. L., Wade, A., Mounce, C., **Larsen, R. A.**, Quinn, C., ... & Parrish, R. (2009, October). Building state-wide capacity for falls prevention programs: Texas falls prevention coalition. In *Gerontologist* (Vol. 49, pp. 423-423). 1030 15th st NW, ste 250, Washington, DC 20005202-842 USA: Gerontological Soc Amer.
- Mier, N., Tanguma, J., Topolski, T., **Larsen, R.**, Alen, M., Villarreal, E. K., & Ory, M. G. (2009, June). Validation of an Exercise Instrument for US-Mexico Border Spanish Speakers. In *Diabetes* (Vol. 58, pp. A287-A287). 1701 N Beauregard St, Alexandria, VA 22311-1717 USA: Amer Diabetes Assoc.
- Hairrell, A., Vaughn, S., Edmonds, M., Swanson, E., Simmons, D., **Larsen, R.**, ... & Willson, V. (2009). The Effects of a Parsimonious Comprehension and Vocabulary Intervention on Student Learning. Society for Research on Educational Effectiveness.
- Wilson, L. D., Willson, V. L., Manon, J. R., **Larsen, R.**, Li, Y., & Roseman, J. E. (2009). Factors influencing middle grades students' algebra learning: Multiple research perspectives. In Annual Meeting of the American Educational Research Association (AERA), San Diego, California. (cited once according to google scholar)

## **Reports**

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- Porter, M.R. & **Larsen, R.** (August, 2013). *HERE! Initiative Implementation Process Evaluation: Final Report*. Prepared for the City of Hampton, Hampton City Public Schools, the 8th Judicial District Juvenile and Domestic Relations Court, the Hampton-Newport News Community Services Board, the Hampton Department of Human Services, and the Hampton Comprehensive Services Act Office.
- Senechal, J., Turner, A., Marrs, S., & **Larsen, R.** (2013). *VA STEM CoNNECT 2012-2013 final evaluation report*. Richmond, VA: Metropolitan Educational Research Consortium. Virginia Commonwealth University

*Peer-Reviewed Presentations*

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- Cline, J., Lefrandt, J., Gancinia, A., Kane, D., **Larsen, R.**, & Allen, G. E. K. (2017). Anxiety, depression, and the role of spirituality and religiosity among Native Hawaiians and Pacific Islander college students. Poster presented at the 2017 APA Convention, Washington, DC, Div. 17, CCPTP-SAG for SERD (Section on Ethnic and Racial Diversity).
- Baroody, A. E., Ferretti, C., Larsen, R. A., & Radliff, S. (2017, April). *Promoting parent engagement and children's achievement through texting*. Poster presented at the biennial meeting of the Society for Research in Child Development, Austin, TX.
- Caldarella, P., **Larsen, R. A.**, Williams, L., Wills, H. P., Kamps, D., & Wehby, J. (2016, Oct). *Effects of CW-FIT on teachers' ratings of elementary school students at risk for emotional and behavioral disorders*. Paper presented at the annual Teacher Educators for Children with Behavior Disorders, Tempe, Arizona.
- Anderson, N., **Larsen, R. A. A.**, & Sudweeks, R., (2016, March) *Cognitive Predictors of Sexual Abstinence: An SEM Approach*. Poster presented at the annual Mentored Research Conference, BYU, Provo – Honorable Mention
- Henneberger, A. K., Futch Ehrlich, V. A., Hafen, C. A., Maier, M. F., Lovegrove, P. J., & **Larsen, R.**, Tolman, P., (2016, March) *Society for Research on Adolescence, Peer substance use norms and substance use in adolescence: The moderating role of internal assets*. Baltimore, MD.
- Jenkins, J. L., **Larsen, R. A. A.**, Bodily, R., Sandberg, D., Williams, P., Stokes, S., Harris, S., Valacich, J. L. (2015, August). A Multi-Experimental Examination of Analyzing Mouse Cursor Trajectories to Gauge Subject Uncertainty. *Americas Conference on Information Systems* (cited twice according to google scholar)
- Baroody, A. E., Rimm-Kaufman, S. E., **Larsen, R. A.**, & Curby, T. W. (2015, March). *Contributions of three student engagement measures on fifth grade students' social competence and achievement in math class*. Poster presented at the biennial meeting of the Society for Research in Child Development, Philadelphia, PA
- Fäsche, A., **Larsen, R.**, & von Suchodoletz, A. v. (2014, August). *Early home and preschool learning environments and the development of early literacy skills: Impact of children's behavioral self-regulation*. Poster presented at the 3rd Biennial EARLI SIG 5 Conference in Jyväskylä, Finland. (Winner of the Outstanding JURE poster award)

Uka, F., von Suchodoletz, A. v., **Larsen, R.** (2014, August). Challenges on measuring self-regulation: Do direct measures and informant ratings assess the same construct? Poster to be presented at the EARLI SIG5 conference, Jyväskylä, Finland.

**Before BYU**

Wanless, S.B. Rimm-Kaufman, S.E., Abry, T., **Larsen, R.**, Patton, C.L. (2013, May) *Predictors of Engagement in Training as a Pathway to Understanding Implementation of the Responsive Classroom Approach*. Paper presented at Society for Prevention Research in San Francisco, CA.

Baroody, A., Rimm-Kaufman, S. E., Curby, T., **Larsen, R.** (2013, April). *The role of fidelity in fifth-grade student-teacher relationship quality within the context of a Responsive Classroom intervention*. Society for Research in Child Development, Seattle, Washington.

Rimm-Kaufman, S. E., Baroody, A., **Larsen, R.**, Curby, T., Abry, T. (2013, April). *The Contribution of classroom social interactions and child attributes in fifth graders' experience of engagement in mathematics classrooms*. Society for Research in Child Development, Seattle, Washington.

Rimm-Kaufman, S. E., **Larsen, R.**, Curby, T., Baroody, A., Merritt, E., Abry, T., Ko, M. & Thomas, J. (2012, September). *Efficacy of the Responsive Classroom Approach: Results from a three-year, longitudinal randomized controlled trial*. Society for Research in Educational Effectiveness, Washington, D.C. (cited 120 times according to google scholar)

- Baroody, A. E., Rimm-Kaufman, S. E., **Larsen, R. A.**, & Curby, T. W. (2012, April). *Predictors and consequences of engagement in mathematics: A comparison of girls and boys*. Poster presented at the annual meeting of the American Educational Research Association, Vancouver, British Columbia, Canada.
- Ottmar, E.R., Rimm-Kaufman, S.E., & **Larsen, R.** (2012, April). *Relations between mathematical knowledge for teaching, mathematics instructional quality, and student achievement in the context of the Responsive Classroom (RC)*. Paper presented at the National Council of Teachers of Mathematics Research Pre-session, Philadelphia, PA.
- Rimm-Kaufman, S. E., Curby, T. W., Abry, T. & **Larsen, R. A.** (2012, April). *Do specific practices from the Responsive Classroom approach predict quality of teacher-student interactions?* Paper presented at the American Education Research Association, Vancouver, B.C.
- Abry, T., Rimm-Kaufman, S. E., **Larsen, R.** & Brewer, A. J. (2011, September). *Applying new methods to the measurement of fidelity of implementation: Examining the critical ingredients of the Responsive Classroom® approach in relation to mathematics achievement*. Poster presented at the semi-annual meeting of the Society for Research on Educational Effectiveness (SREE), Washington D.C. (cited once according to google scholar)
- Wanless, S.B., **Larsen, R.**, Son, S-H. (2011, October). *Multi-group analyses in crosscultural research: Remaining open to cultural differences in the age of globalization*. In Post, D. (Chair), *Transformative Learning and Teaching: Innovative Practices*. Paper presented at the Comparative and International Education Society's (CIES) Eastern Regional Conference, Pittsburgh, Pennsylvania. (cited 3 times according to google scholar)
- Merritt, E., Rimm-Kaufman, S., Berry, R., Walkowiak, T. & **Larsen, R.** (2011, September,). *The contribution of mathematics instructional quality and class size to student achievement for third grade students from low-income families*. Poster session at the semi-annual meeting of the Society for Research in Educational Effectiveness, Washington, D.C.
- Ottmar E. R., Rimm-Kaufman, S. E., **Larsen, R.** & Merritt, E. G. (2011, September). *Relations between Mathematical Knowledge for Teaching, Mathematics Instructional Quality, and Student Achievement in the Context of the Responsive Classroom®*. Paper presented at the semi-annual meeting of the Society for Research in Educational Effectiveness in Washington D.C.

- Goddard, Y., Miller, R., **Larsen, R.**, Goddard, G., Jacob, R., Madsen, J. & Schroeder, P. (2010, November). *Connecting principal leadership, teacher collaboration, and student achievement*. Paper presented at The Annual Meeting of the American Educational Research Association in Denver, CO.
- Larsen, R.**, Willson, V. (2010, November). *Modeling second level cluster dependency in multilevel models*. Paper presented at The Annual Meeting of the American Educational Research Association in Denver, CO.
- Willson, V., **Larsen, R.** & Hall, B. (2010, February). *The Behrens-Fisher problem solved as a Multigroup SEM Analysis*. Paper presented at Southwest Educational Research Association in New Orleans, LA.
- Ory, M., Smith, M. L., Wade, A., Mounce, C., **Larsen, R.**, Prochaska, J. D. & Parrish, R. (2009, November). *Falls prevention as a pathway to successful aging: Statewide implementation and dissemination of an evidence-based program*. Symposium presentation presented at the American Public Health Association Annual Conference, Philadelphia, PA.
- Smith, M. L., Ory, M., Wade, A., Mounce, C., **Larsen, R.** & Prochaska, J. D. (2009, November). *Successful evidence-based programming for older racial and ethnic minority participants: Implications for program implementation and dissemination*. Poster presented at the American Public Health Association Annual Conference, Philadelphia, PA.
- Smith, M. L., Wade, A., Mounce, C., Prochaska, J. D., **Larsen, R.**, Horel, S. & Ory, M. (2009, November). *Successful evidence-based programming for older rural participants: Geographic variations*. Paper presented at the American Public Health Association Annual Conference, Philadelphia, PA.
- Smith, M. L., Wade, A., Mounce, C., Prochaska, J. D., **Larsen, R.** & Ory, M. (2009, November). *Characteristics and benefits for older women in an evidence-based falls prevention program*. Presented at the American Public Health Association Annual Conference, Philadelphia, PA.
- Ory, M., Wade, A., Mounce, C., **Larsen, R.**, Prochaska, J., Smith, M. L. & Parrish, R. (2009, June). *Promoting a falls free America: A state-wide evidence-based falls prevention program*. Presented at the International Society for Behavioral Nutrition and Physical Activity Annual Meeting, Libson, Portugal.

- Willson, V. L., **Larsen, R.** & Li, Y. (2009, April). *Factors influencing middle grades students' algebra learning: A Multilevel quantitative analysis perspective- results of quantitative study*. Presentation at Annual Meeting of the American Educational Research Association. San Diego, CA.
- Hairrell, A., Simmons, D., **Larsen, R.** & Vaughn, S. (2009, March). *The effects of a parsimonious vocabulary and comprehension intervention on content and reading comprehension*. Paper presented at the semi-annual meeting of the Society for Research for Educational Effectiveness, Washington, DC.
- Smith, M. L., McKyer, E. J. & **Larsen, R.** (2009, March). *Factors influencing adolescent alcohol, tobacco, and marijuana use: A biopsychosocial model*. Poster presented at the American Academy of Health Behavior Annual Conference, Hilton Head, SC.
- Larsen, R.** (2009, February). *African-American graduation rates at the university level: How to better facilitate future meta-analysis*. Paper presented at Southwest Educational Research Association. San Antonio, TX.
- Salloum, S.J., Goddard, R. D., & **Larsen, R.** (2008, March) *A conceptual and empirical analysis of the role of social capital in high school academic achievement*. American Education Research Association, New York, NY.

### ***Expert Lectures***

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- Larsen, R.** (2014, Jan). *To Cluster or not to Cluster: When is Multilevel Modeling Necessary?* Talk given at the SOE Research Colloquium at Virginia Commonwealth University
- Rimm-Kaufman, S. E., **Larsen, R.** (2013, Jan). *Results from a Randomized Controlled Trial of a School-Based Intervention: the Responsive Classroom Approach*. Talk given to the Quantitative Psychology department at University of Virginia.

### ***Awards***

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- Nancy Peery Marriott Outstanding Teacher Award*. (2018) David O. McKay School of Education Brigham Young University. (\$1000)



*Teacher Writing Beliefs, Motivation, and Instructional Practices and Student Writing Perceptions, Motivation, Self-Regulation, and Achievement.* (2014). William T. Grant Foundation. (\$24,979, not funded). **Larsen** (Co-PI)

Anderson, N.\*, **Larsen, R. A. A.**, & Sudweeks, R., (2016, March) *Cognitive Predictors of Sexual Abstinence: An SEM Approach.* Poster presented at the annual Mentored Research Conference, BYU, Provo – Honorable Mention

Jenkins, J. L., **Larsen, R. A. A.**, \*Bodily, R., \*Sandberg, D., \*Williams, P., \*Stokes, S., \*Harris, & S., Valacich, J. L. (2015). *A Multi-Experimental Examination of Analyzing Mouse Cursor Trajectories to Gauge Subject Uncertainty.* Paper presented at the Americas Conference on Information Systems (AMCIS), Fajardo, Puerto Rico. – 1<sup>st</sup> runner up for best paper.

*Evaluating the Feasibility of Central Executive Training for Individuals with ADHD* (resubmission November 2013). NIH R34 MH102499-01 (\$711,000, not funded)  
**Larsen** (Co-I)

*ADHD and Executive Function: Relationship to Driving Mishaps* (submitted June 2013) NIH R01 HD080171-01 (\$1.9 million)  
**Larsen** (Consultant)

HERE! Initiative Implementation Process (August 2013)  
Truancy Reduction Program  
**Larsen** (Senior Collaborator)

AERA Beginning career Research Grant Program (Unfunded) **Larsen (PI)**

Grants for Engaged Learning (Utah Valley University) (Unfunded) **Larsen** (Senior Collaborator)

Honorable mention for *Charles E. Gibbs Leadership Prize for Best Paper* Published in *Women's Health Issues* in 2010, Jacobs Institute of Women's Health, The George Washington University (Authorship: Smith, Ory, Larsen)

*Gibbs Leadership Prize Announcement: Best Manuscript of 2010.* MG Ory, R Larsen, P Lantz, S Glied, RC Lindrooth, JS Tucker, JWR Lee, ... *Women's Health Issues* 21 (5), 330

*Susan B. Anthony Aetna Award for Excellence in Research on Older Women and Public Health,* 137<sup>th</sup> Annual Meeting of the American Public Health Association, November 7-11, 2009, Philadelphia, PA (Authorship: Smith, Wade, Larsen, Ory).

*Erickson Foundation Award for Excellence in Research*, 137<sup>th</sup> Annual Meeting of the American Public Health Association, November 7-11, 2009, Philadelphia, PA (*Authorship: Ory, Smith, Wade, Larsen*).

### ***Service***

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Reviewer of manuscripts for *Educational Technology Research & Development* (ETRD)

Reviewer of manuscripts for *Educational Administration Quarterly* for methodological content.

Reviewer of manuscripts for *Early Education and Development*.

Reviewer of manuscripts for the *Journal of Gerontology*

Reviewer for the *SRCD Developmental Methodology conference* on the Missing Data Panel. Tampa Florida, February 2012.

Student representative to faculty for Educational Psychology Student Organization (EPSO) Texas A&M 2009-2010.

### ***Certifications***

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#### **What Works Clearinghouse Certification (WWC) Training** (Summer 2011)

- Taught criteria for reviewing articles for reports by the Department of Education.

### ***Computer Software Expertise***

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#### **Mplus**

- Structural equation modeling, Longitudinal data analysis, Bayesian data analysis, Monte-Carlo simulations

#### **SAS**

- Data Management, Complex error structures, SAS Macro language, Monte-Carlo Simulations, Statistical analysis

#### **R**

- Advanced Bayesian Techniques

#### **SPSS & JMP**

- Data Analysis, Data Management, Experimental design arrays