

DEREK B. KOSTY, PHD
Curriculum Vitae

CONTACT INFORMATION

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SUMMARY OF EXPERTISE

- Social scientist with productive history of grant writing and dissemination
- **Content areas:** early education, mathematics and literacy instruction, special education, emotional and behavioral disorders, etiology of internalizing and externalizing disorders.
- **Methodological expertise:** group design, single case design, measurement, multilevel and longitudinal data analysis, latent variable modeling, and program evaluation.
- **Funding:** Institute of Education Sciences, National Institutes of Health, and National Science Foundation.

EDUCATION

- 2015 **Doctor of Philosophy**, University of Oregon, Department of Educational Methodology, Policy, and Leadership
- Dissertation: *Trajectories of cannabis use disorder: Risk and developmental factors, clinical characteristics, and outcomes*
 - Dissertation committee: Drs. Joseph Stevens (chair), Charles Martinez, Keith Zvoch, and Christopher Murray
- 2007 **Bachelor of Science**, University of Oregon, College of Arts and Sciences
- Double Major: Mathematics and Economics

EMPLOYMENT

CURRENT POSITIONS

- 2018 – Present *Assistant Research Professor*, Prevention Science Institute and Center on Teaching and Learning, University of Oregon
- 2016 – Present *Associate Research Scientist*, Oregon Research Institute, Eugene, OR

PAST POSITIONS

- 2016 – 2018 *Senior Academic Research Analyst*, Fort Lewis College, Durango, CO
- 2015 – 2018 *Courtesy Research Associate*, College of Education, University of Oregon
- 2011 – 2016 *Senior Data Analyst*, Oregon Research Institute, Eugene, OR
- 2008 – 2011 *Data Analyst*, Oregon Research Institute, Eugene, OR
- 2007 – 2010 *Data Analyst*, Abacus Research, LLC, Eugene, OR
- 2007 – 2008 *Research Assistant*, Oregon Research Institute, Eugene, OR
- 2006 – 2007 *Instructor of Mathematics and Economics*, Services for Student-Athletes, University of Oregon

TEACHING*DISSERTATION COMMITTEES*

- 2022 – 2023 *Core Member*, Heather Leonard, Prevention Science, University of Oregon
- 2022 – 2023 *Core Member*, Cayla Lussier, School Psychology, University of Oregon
- 2021 – 2022 *Core Member*, Taylor Lesner, School Psychology, University of Oregon
- 2020 – 2021 *Core Member*, David Fainstein, School Psychology, University of Oregon
- 2020 – 2021 *Core Member*, Tasia Brafford, School Psychology, University of Oregon
- 2019 – 2020 *Core Member*, Marah Sutherland, School Psychology, University of Oregon
- 2019 – 2020 *Core Member*, AnnaCecilia WcWhirter, School Psych, University of Oregon

COURSES, SEMINARS, AND GUEST LECTURE SERIES

- 2021 *Research Methods in Prevention Science*
Guest lecture for Dr. Maria Schweer-Collins in the Prevention Science Program at University of Oregon. Topics included experimental research designs; intent to treat effect estimates in group design research; and statistical power considerations.
- 2020 *Research Methods in Prevention Science*
Guest lecture for Dr. Atika Khurana in the Department of Counseling Psychology and Human Services, University of Oregon. Topics included experimental research designs; intent to treat effect estimates in group design research; and statistical power considerations.
- 2018 – 2019 *Research Design and Data Analysis for Developing Evidence-Based Practices*
Guest lecture series for Dr. Christian Doabler in the Department of Special Education, University of Texas-Austin. Learning objectives included (1) familiarity with common educational research designs and their advantages and disadvantages; (2) basic understanding of data analysis and how it relates to research design; and (3) how to interpret overall study results and begin identifying evidenced-based practices.
- 2015 – 2016 *Applied Educational Research Methods: Regression, ANOVA, and the General Linear Model*
Doctoral seminar for project *Engaging New Leaders in Implementation Science Training* in the Department of Special Education and Clinical Services, University of Oregon. Topics included data management, statistical programming, and the application of the general and generalized linear model in educational research.
- 2013 *Analysis of Single Case Designs: Generalized Least Squares Regression*

Guest lecture series for the Department of Special Education and Rehabilitation, Utah State University. Focused on the application of statistical and meta-analytic strategies for analyzing single-case research.

2013

Tau-U: An Effect Size for Single Case Designs

Guest lecture series for the Department of Special Education and Rehabilitation, Utah State University. Focused on the application of statistical and meta-analytic strategies for analyzing single-case research.

2012

Multilevel Models for Evaluating Group Designs

Guest lecture for the Department of Psychology, University of Nevada, Reno. Included advanced topics in multilevel modeling and hierarchical data structures including the analysis of clustered randomized trials, individual randomized group treatment trials, and partially nested designs.

2011

Foundations in Disability (SPED 411)

Supervised teaching with Dr. Christopher Murray for a Master's-level course in the Department of Special Education and Clinical Services, University of Oregon. A survey of information about exceptional children and youths. Topics included history, etiology, identification, classification, legislation, and alternate program delivery systems.

CONSULTATION ACTIVITIES

2020

Marshall Gause, Aufero, LLC, Ashburn, VA

2017 – 2020

Andy Garbacz, Department of Educational Psychology, University of Wisconsin Madison

2017 – 2018

Nancy Nelson & Christian Doabler, Center on Teaching and Learning, College of Education, University of Oregon

2017 – 2018

Angela Sauk, Montezuma-Cortez School District, Cortez, CO

2017 – 2018

Beth Stormshak & Laura Lee McIntyre, Department of Counseling Psychology and Human Services, University of Oregon

2015 – 2016

Kent McIntosh, Department of Special Education and Clinical Services, University of Oregon

2015

Hank Fien, Center on Teaching and Learning, University of Oregon

2015

Doris Luft Santos Baker, Center on Teaching and Learning, University of Oregon

2013 – 2015

Marshall Gause, Thought Cycle, LLC, Eugene, OR

2013 – 2014

Christopher Murray, Department of Special Education and Clinical Services, University of Oregon

2012 – 2014

Michael Coyne, Department of Educational Psychology, University of Connecticut

SCHOLARSHIP

Summary: A total of 74 published refereed journal articles, 1 book chapter, and 37 refereed conference presentations. Total citation count from Google Scholar is 2,219 (1,569 since 2018), with an h-index of 28 and an i10-index of 45.

REFEREED JOURNAL ARTICLES

ARTICLES SUBMITTED FOR PUBLICATION

5. Rychtarik, R., Danaher, B., McGillicuddy, N., Tyler, M., Barrick, C., Leong, F., & **Kosty, D.** *Randomized clinical trial of web-based coping skills training and coach support for women living with a partner with an alcohol use disorder.* Manuscript submitted for publication.
4. Khurana, A., Leonard, H., Michaelson, L., & **Kosty, D.** *Transactional linkages between parenting behaviors and child executive functions and self-regulation from early childhood to adolescence.* Manuscript submitted for publication.
3. Doabler, C. T., Clarke, B., Turtura, J. E., Sutherland, M., Gersib, J. A., Lesner, T., Cook, M., Kimmel, G. L., Smolkowski, K., & **Kosty, D.** *Proficiency with number concepts and operations: Replicating the efficacy of a first-grade mathematics intervention.* Manuscript submitted for publication.
2. Fainstein, D., Clarke, B., **Kosty, D.**, Cycyk, L.M., Turtura, J., & Doabler, C.T. *Professional development pivot: replicating an early numeracy intervention with remote educator support.* Manuscript submitted for publication.
1. Cronce, J.M., **Kosty, D.B.**, Ehlinger, P.P., & Stormshak, E.A. *Longitudinal analysis of changes in college student cannabis use pre- to post-legalization.* Manuscript submitted for publication.

ARTICLES PUBLISHED OR IN PRESS

74. Sutherland, M., **Kosty, D.**, Lesner, T., Hermida, J., Smolkowski, K., Doabler, C., & Clarke, B. (in press). Does variability within tier 2 mathematics intervention groups affect students' response to intervention? *Exceptional Children*.
73. Hardin, B., Graboyes, M., **Kosty, D.**, & Cioffi, C. (in press). Vaccine decision making among people who inject drugs: Improving on the WHO's 3C model of vaccine hesitancy. *Preventive Medicine Reports*.
72. Kelly, Kosty, D., Williamson, G., Guidinger, C., & Cotter, E. W. (2023). Social media and dating app use are differentially related to same- and next-day disordered eating pathology in young men with loss of control eating. *Eating Behaviors : an International Journal*, 49, 101735–101735.

71. Lesner, T., Clarke, B., **Kosty**, D., Nelson, N., Ketterlin Geller, L., & Smolkowski, K. (in press). Exploring the relationship between initial mathematics skill and a sixth-grade fractions intervention. *Learning Disabilities Quarterly*.
70. McWhirter, A.C., McIntyre, L.L., **Kosty**, D.B., & Stormshak, E. (2023). Parenting styles, family characteristics, and teacher-reported behavioral outcomes in kindergarten. *Journal of Child and Family Studies*, 32(3), 678-690.
69. Brafford, T., Harn, B., Clarke, B., Doabler, C.T. **Kosty**, D., & Scalise, K. (2023). Implementation factors and their influence on student mathematics outcomes. *Learning Disabilities Research & Practice*, 38(1), 5-14.
68. Clarke, B., Doabler, C. T., Sutherland, M., **Kosty**, D., Turtura, J., & Smolkowski, K. (2023). Examining the impact of a first grade whole number intervention by group size. *Journal of Research on Educational Effectiveness*, 16(2), 326-349.
67. Sutherland, M., Lesner, T., **Kosty**, D., Lussier, C., Smolkowski, K., Turtura, J., & Clarke, B. (2023). Examining interactions across instructional tiers: Do features of Tier 1 predict student responsiveness to Tier 2 mathematics intervention? *Journal of Learning Disabilities*, 56(4), 243-256.
66. Sutherland, M., Clarke, B., **Kosty**, D. B., Baker, S. K., Doabler, C. T., Smolkowski, K., Fien, H., & Goode, J. (2022). Investigating the interaction between teacher mathematics content knowledge and curriculum on instructional behaviors and student achievement. *The Elementary School Journal*, 123(2), 292–317.
65. Farmer, R.F., Seeley, J.R., **Kosty**, D.B., & Gau, J.M. (2022). Deconstructing the heterogeneity of alcohol use disorder: Lifetime comorbid non-alcohol substance use disorder as a distinct behavioral phenotype? *Psychological Medicine*, 1-15. <https://doi.org/10.1017/S0033291722001921>
64. Cioffi, C., **Kosty**, D., Nachbar, S., Capron, C., Mauricio, A.M., & Tavalire, H. (2022). COVID-19 vaccine deliberation among people who inject drugs. *Drug and Alcohol Dependence Reports*, 3, 100046-10046. <https://doi.org/10.1016/j.dadr.2022.100046>
63. Smolkowski, K., Walker, H., Marquez, B., **Kosty**, D., Vincent, C., Black, C., Cil, G., & Strycker, L. A. (2022). Evaluation of a social skills program for early elementary students: We Have Skills. *Journal of Research on Educational Effectiveness*, 15(4), 717–747.
62. Cioffi, C., **Kosty**, D., Capron, C., Tavalire, H., Barnes, R., & Mauricio, A.M. (2022). Contingency management and SARS-CoV-2 testing among people who inject drugs. *Public Health Reports*, 137(3), 573-579.
61. Farmer, R.F., Gau, J.M., Seeley, J.R., & **Kosty**, D.B. (2022). Family-Based Predictors of Alcohol Use Disorder (AUD) Recurrence and new non-alcohol substance use disorder

- onset following initial AUD recovery. *Journal of Studies on Alcohol and Drugs*, 83, 239-247.
60. Clarke, Turtura, J., Lesner, T., Cook, M., Smolkowski, K., **Kosty, D.**, & Doabler, C. T. (2022). A Conceptual Replication of a Kindergarten Math Intervention Within the Context of a Research-Based Core. *Exceptional Children*, 89(1), 42–59.
<https://doi.org/10.1177/00144029221088938>
59. Doabler, C.T., Clarke, B., **Kosty, D.**, Sutherland, M., Turtura, J.E., Firestone, A.R., Kimmel, G., Brott, P., Brafford, T.L., Nelson Fien, N.J., Smolkowski, K., & Jungjohann, K.J. (2022). Promoting understanding of measurement and statistical investigation among second-grade students at risk for mathematics difficulties. *Journal of Educational Psychology*, 114(3), 560-575.
58. Clarke, B., Sutherland, M., Doabler, C.T., Lesner, T., Fainstein, D., Nolan, K., Landis, B., & **Kosty, D.** (2021). Developing and investigating the promise of early measurement screeners. *School Psychology Review, ahead-of-print*, 1–13.
<https://doi.org/10.1080/2372966X.2021.1919493>.
57. Raulston, T.J., **Kosty, D.**, & McIntyre, L.L. (2021). Mindful parenting, caregiver distress, and conduct problems in children with autism. *American Journal on Intellectual and Developmental Disabilities*, 126(5), 396-408.
56. Murray, C. M., **Kosty, D.**, Doren, B., Gau, J., & Seeley, J. R. (2021). Patterns of early adult work and postsecondary participation among individuals with high incidence disabilities: A longitudinal person-centered analysis. *Developmental Psychology*, 57(4), 584-596.
55. Garbacz, A. A., Santiago, R. T., **Kosty, D.**, Zahn, M., Stormshak, E. A., Smolkowski, K., & Seeley, J. R. (2021). Examining congruence in parent–teacher perceptions of middle school supports for students and families. *Psychology in the Schools*, 58, 1169-1184.
54. Doabler, C. T., Clarke, B., **Kosty, D.**, Maddox, S. A., Smolkowski, K., Fien, H., Baker, S. K., & Kimmel, G. (2021). Kindergarteners at risk for severe mathematics difficulties: Investigating tipping points of core mathematics instruction. *Journal of Learning Disabilities*, 54(2), 97-110.
53. Fien, H., Nelson, N., Smolkowski, K., Pilger, M., **Kosty, D.**, Baker, S., Smith, J. L. (2021). A conceptual replication study of the enhanced core reading instruction MTSS-reading model. *Exceptional Children*, 87(3), 265-288.
52. Barewal, R., Shune, S, Ball, J., & **Kosty, D.** (2021). A comparison of behavior of transitional-state foods under varying oral conditions. *Dysphagia*, 36(2), 316-324.
51. Doabler, C. T., Clarke, B., **Kosty, D.**, Turtura, J. E., Sutherland, M., Maddox, S. A., & Smolkowski, K. (2021). Using direct observation to document “practice-based evidence” of evidence-based mathematics instruction. *Journal of Learning Disabilities*, 54(1), 20-35.

50. Doabler, C. T., Clarke, B., **Kosty, D.**, Fien, H., Smolkowski, K., Liu, M. & Baker, S. K. (2021). Measuring the quantity and quality of explicit instructional interactions in an empirically validated tier 2 kindergarten mathematics intervention. *Learning Disability Quarterly*, 44(1), 50-62.
Awarded the 2021-22 Must Read LDQ article from the Research Committee of the Council for Learning Disabilities.
49. Clarke, Nelson, N. J., Geller, L. K., **Kosty, D.**, Smolkowski, K., Lesner, T., Furjanic, D., & Fien, H. (2020). Investigating the Promise of a Tier 2 Sixth-Grade Fractions Intervention. *Learning Disability Quarterly*, 73194872097241–. <https://doi.org/10.1177/0731948720972411>
48. Kelly, N.R., **Kosty, D.**, Guericabaitia, L., Guidinger, C., & Williamson, G. (2020). Evaluating components of existing theories for loss of control eating in a sample of racially/ethnically diverse men. *Body Image*, 35, 63-70.
47. Gau, J.M., Farmer, R.F., Seeley, J.R., Klein, D, & **Kosty, D.B.** (2020). Are Parental Alcohol Use Disorder Histories Associated with Offspring Behavior Problems at Age 2? *Journal of Studies on Alcohol and Drugs*, 81, 511-519.
46. Clarke, B., Doabler, C. T., Turtura, J. Smolkowski, K., **Kosty, D.**, Sutherland, M., Kurtz Nelson, E., Fien, H., & Baker, S. K. (2020). Examining the efficacy of a kindergarten mathematics intervention by group size and initial skill: Implications for practice and policy. *Elementary School Journal*, 121(1), 125-153.
45. **Kosty, D.B.**, Farmer, R.F., Seeley, J.R., Merikangas, K.R., Klein, D.N, Gau, J.M., Duncan, S.C., & Lewinsohn, P.M. (2020). The number of parents with alcohol use disorder and risk to offspring through age 30. *Addictive Behaviors*, 102, 106196.
44. Stormshak, E. A., McIntyre, L. L., Garbacz, S. A., & **Kosty, D.B.** (2020). Family-centered prevention to enhance parenting skills during the transition to elementary school: A randomized trial. *Journal of Family Psychology*, 34(1), 122-127.
43. Garbacz, S. A., McIntyre, L. L., Stormshak, E. A., & **Kosty, D.B.** (2020). The efficacy of the family check-up on children’s emotional and behavior problems in early elementary school. *Journal of Emotional and Behavioral Disorders*, 28(2), 67-79.
42. Doabler, C. T., Clarke, B., **Kosty, D.**, Turtura, J. E., Firestone, A. R., Smolkowski, K., Jungjohann, K. J., Brafford, T. L., Nelson, N.J., Sutherland, M., Fien, H., & Maddox, S. (2019). The efficacy of a first-grade mathematics intervention focused on early concepts and problem-solving skills of measurement and data analysis. *Exceptional Children*, 86, 77-94.
41. Farmer, R.F., **Kosty, D.B.**, Seeley, J.R., Gau, J.M., & Klein, D. (2019). Family aggregation of substance use disorders: substance specific, non-specific, and intra-familial sources of risk. *Journal of Studies on Alcohol and Drugs*, 80, 462-471.

40. Garbacz, S. A., Stormshak, E. A., McIntyre, L. L., & **Kosty, D.B.** (2019). Examining family-school engagement in a randomized controlled trial of the family check-up. *School Psychology Quarterly, 34*, 433-443.
39. Seeley, J.R., Farmer, R.F., **Kosty, D.B.**, & Gau, J.M. (2019). Prevalence, incidence, recovery, and recurrence of alcohol use disorders from childhood to age 30. *Drug and Alcohol Dependence, 194*, 45-50.
38. Doabler, C. T., Clarke, B., **Kosty, D.**, Smolkowski, K., Kurtz-Nelson, E., Fien, H., & Baker, S. (2019). Building number sense among English learners: A multisite randomized controlled trial of a Tier 2 kindergarten mathematics intervention. *Early Childhood Research Quarterly, 47*, 432-444.
37. Clarke, B., Doabler, C. T., Turtura, J. Smolkowski, K., Kurtz Nelson, E., **Kosty, D.**, Fien, H., & Baker, S. K. (2019). Exploring the relationship between initial math skill and the impact of a kindergarten math intervention on student math outcomes. *Exceptional Children, 85*(2), 129-146.
36. Doabler, C. T., Clarke, B., **Kosty, D.**, Kurtz-Nelson, E., Fien, H., Smolkowski, K., & Baker, S. K. (2019). Examining the impact of group size on the treatment intensity of a tier 2 mathematics intervention within a systematic framework of replication. *Journal of Learning Disabilities, 52*(2), 168-180.
35. Farmer, R.F., Seeley, J.R., Gau, J.M., Klein, D., Merikangas, K., **Kosty, D.B.**, Duncan, S., & Lewinsohn, P.M. (2018). Clinical features associated with an increased risk for alcohol use disorders among family members. *Psychology of Addictive Behaviors, 32*, 628-638.
34. Clarke, B., Shanley, L., **Kosty, D.B.**, Strand Cary, M., Fien, H., Baker, S. K., & Smolkowski, K. (2018). Investigating the incremental validity of cognitive variables in early mathematics screening. *School Psychology Quarterly, 33* (2), 264-271.
33. **Kosty, D.B.**, Seeley, J.R., Farmer, R.F., Stevens, J.J., & Lewinsohn, P.M. (2017). Trajectories of cannabis use disorder: Risk factors, clinical characteristics, and outcomes. *Addiction, 112*, 279-287.
32. Clarke, B., Doabler, C. T., **Kosty, D.**, Kurtz Nelson, E., Smolkowski, K., Fien, H., & Baker, S. K. (2017). Testing the efficacy of a kindergarten mathematics intervention by small group size. *AERA open, 3*(2), 1-16.
31. Farmer, R.F., Seeley, J.R., **Kosty, D.B.**, Gau, J.M., Duncan, S.C., Sher, K.J., & Lewinsohn, P.M. (2017). No reliable evidence that emotional disorders are proximal antecedents, concomitants, or short-term consequences of first episode alcohol use disorders in a representative community sample. *Journal of Studies on Alcohol and Drugs, 78*, 222-231.
30. Smith, J.L. M., Nelson-Walker, N., Smolkowski, K., Fien, H., Baker, S.K., & **Kosty, D.B.** (2016). Examining the efficacy of a multi-tiered intervention for at-risk readers in grade 1. *Elementary School Journal, 116*, 549-573.

29. Doabler, C.T., Clarke, B., Stoolmiller, M., **Kosty, D.B.**, Fien, F., Smolkowski, K., & Baker, S. K. (2016). Explicit instructional interactions: Exploring the black box of a Tier 2 mathematics intervention. *Remedial and Special Education, 32*, 98-110.
28. Clarke, B., Doabler, C.T., Smolkowski, K., Kurtz-Nelson, E., Baker, S., Fien, H. & **Kosty, D.B.** (2016). Testing the immediate and long-term efficacy of a Tier 2 kindergarten mathematics intervention. *Journal of Research on Educational Effectiveness, 9*, 607-634.
27. Doabler, C.T., Clarke, B., **Kosty, D.B.**, Baker, S., Smolkowski, K., & Fien, H. (2016). Effects of a core kindergarten mathematics curriculum on the mathematics achievement of English learners. *School Psychology Review, 45*, 343-361.
26. Doabler, C.T., Clarke, B., **Kosty, D.B.**, Kurtz-Nelson, E., Fien, H., Smolkowski, K., & Baker, S. K. (2016). Testing the efficacy of a tier-2 mathematics intervention: A conceptual replication study. *Exceptional Children, 83*, 92-110.
25. Farmer, R.F., Gau, J.M., Seeley, J.R., **Kosty, D.B.**, Sher, K.J., & Lewinsohn, P.M. (2016). Internalizing and externalizing disorders as predictors of alcohol use disorder onset during three developmental periods. *Drug and Alcohol Dependence, 164*, 38-46.
24. Fien, H., Doabler, C.T., Nelson-Walker, N., **Kosty, D.B.**, Clarke, B., & Baker, S.K. (2016). An Examination of the promise of the Numbershine Level 1 gaming intervention for improving student mathematics outcomes. *Journal of Research on Educational Effectiveness, 9*, 635-661.
23. Murray, C., **Kosty, D.B.**, & Hauser-McLean, K. (2016). Social support and attachment to teachers: relative importance and specificity among low-income children and youth of color. *Journal of Psychoeducational Assessment, 34*, 119-135.
22. **Kosty, D.B.**, Farmer, R.F., Seeley, J.R., Gau, J.M., Duncan, S.C., & Lewinsohn, P.M. (2015). Parental transmission of risk for cannabis use disorders to offspring. *Addiction, 110*(7), 1110-1117.
21. Doabler, C.T., Baker, S.K., **Kosty, D.B.**, Smolkowski, K., Clarke, B., Miller, S. J., & Fien, H. (2015). Examining the association between explicit mathematics instruction and student mathematics achievement. *Elementary School Journal, 115*, 303-333.
20. Doabler, C.T., Clarke, B., Fien, H., Baker, S., **Kosty, D.B.**, & Strand-Cary, M. (2015). The science behind curriculum development and evaluation: Taking a design science approach in the production of a tier 2 mathematics curriculum. *Learning Disability Quarterly, 38*(2), 97-111.
Awarded the 2014-15 Must Read LDQ article from the Research Committee of the Council for Learning Disabilities.
19. Duncan, S.C., Gau, J.M., Farmer, R.F., Seeley, J.R., **Kosty, D.B.**, & Lewinsohn, P.M. (2015). Comorbidity and temporal relations of alcohol and cannabis use disorders from youth through adulthood. *Drug and Alcohol Dependence, 149*, 80-86.

18. Farmer, R.F., **Kosty**, D.B., Seeley, J.R., Duncan, S.C., Lynskey, M.T., Rohde, P., Klein, D.N., & Lewinsohn, P.M. (2015). Natural course of cannabis use disorders. *Psychological Medicine*, *45*, 63-72.
17. Farmer, R.F., **Kosty**, D.B., Seeley, J.R., Gau, J.M., Duncan, S.C., Walker, D.D., & Lewinsohn, P.M. (2015). Association of comorbid psychopathology with the duration of cannabis use disorders. *Psychology of Addictive Behaviors*, *30*(1), 82-92.
16. Farmer, R.F., Seeley, J.R., **Kosty**, D.B., Gau, J.M., Duncan, S.C., Lynskey, M.T., & Lewinsohn, P.M. (2015). Internalizing and externalizing psychopathology as predictors of cannabis use disorder onset during adolescence and early adulthood. *Psychology of Addictive Behaviors*, *29*, 541-551.
15. Clarke, B., Doabler, C.T., Strand Cary, M., **Kosty**, D.B., Baker, S., Fien, H., & Smolkowski, K. (2014). Preliminary evaluation of a tier 2 mathematics intervention for first-grade students: Using a theory of change to guide formative evaluation activities. *School Psychology Review*, *43*(2), 160-178.
14. Doabler, C.T., Nelson-Walker, N., **Kosty**, D.B., Fien, H., Baker, S.K., Smolkowski, K., & Clarke, B. (2014). Examining teachers' use of evidence-based practices during core mathematics instruction. *Assessment for Effective Intervention*, *39*(2), 99-111.
13. Gorka, S.M., Shankman, S.A., Olino, T.M., Seeley, J.R., **Kosty**, D.B., & Lewinsohn, P.M. (2014). Anxiety disorders and risk for alcohol use disorders: The moderating effect of parental support. *Drug and Alcohol Dependence*, *140*, 191-197.
12. Murray, C., Lombardi, A., & **Kosty**, D.B. (2014). Profiling adjustment among postsecondary students with disabilities: A person-centered approach. *Journal of Diversity in Higher Education*, *7*(1), 31-34.
11. Chronis-Tuscano, A., Clarke, T.L., O'Brien, K.A., Raggi, V.L., Diaz, Y., Mintz, A.D., Knight, L.A., Seymour, K.E., Rooney, M.E., **Kosty**, D.B., Seeley, J.R., & Lewinsohn, P.M. (2013). Development and preliminary evaluation of an integrated treatment targeting parenting and depressive symptoms in mothers of children with attention-deficit/hyperactivity disorder. *Journal of Consulting and Clinical Psychology*, *81*(5), 918-925.
10. Danaher, B.G., Milgrom, J., Seeley, J.R., Stuart, S., Schembri, C., Tyler, M., Ericksen, J., Whitney-Lester, W., Gemmill, A.W., **Kosty**, D.B., & Lewinsohn, P.M. (2013). MomMoodBooster web-based intervention for postpartum depression: feasibility trial results. *Journal of Medical Internet Research*, *15*(11): e242.
9. Farmer, R.F., **Kosty**, D.B., Seeley, J.R., Olino, T.M., & Lewinsohn, P.M. (2013). Aggregation of lifetime Axis I psychiatric disorders through age 30: Incidence, predictors, and associated psychosocial outcomes. *Journal of Abnormal Psychology*, *122*(2), 573-586.

8. Farmer, R., Seeley, J., **Kosty, D.B.**, Olin, T., & Lewinsohn, P. (2013). Hierarchical organization of axis I psychiatric disorder comorbidity through age 30. *Comprehensive Psychiatry*, 54(5), 523-532.
7. Klein, D.N., Glenn, C.R., **Kosty, D.B.**, Seeley, J.R., Rohde, P., & Lewinsohn, P.M. (2013). Predictors of first lifetime onset of major depressive disorder in young adulthood. *Journal of Abnormal Psychology*, 122(1), 1-6.
6. Nelson-Walker, N.J., Fien, H., **Kosty, D.B.**, Smolkowski, K., Smith, J.L. M., & Baker, S.K. (2013). Evaluating the effects of a systematic intervention on first grade teachers' explicit reading instruction. *Learning Disabilities Quarterly*, 36(4), 215-230.
Awarded the 2013-14 Must Read LDQ article from the Research Committee of the Council for Learning Disabilities.
5. Sheeber, L.B., Seeley, J.R., Feil, E.G., Davis, B., Sorensen, E., **Kosty, D.B.**, & Lewinsohn, P.M. (2012). Development and pilot evaluation of an internet-facilitated cognitive-behavioral intervention for maternal depression. *Journal of Consulting and Clinical Psychology*, 80(5), 739-749.
4. Seeley, J.R., **Kosty, D.B.**, Farmer, R.F., & Lewinsohn, P.M. (2011). The modeling of internalizing disorders on the basis of patterns of lifetime comorbidity: Associations with psychosocial functioning and psychiatric disorders among first-degree relatives. *Journal of Abnormal Psychology*, 120(2), 308-321.
3. Levin, W., Campbell, D.R., McGovern, K.B., Gau, J.M., **Kosty, D.B.**, Seeley, J.R., & Lewinsohn, P.M. (2010). A computer-assisted depression intervention in primary care. *Psychological Medicine*, 41, 1373-1383.
2. Smolkowski, K., Danaher, B.G., Seeley, J.R., **Kosty, D.B.**, & Severson, H.H. (2010). Modeling missing binary outcome data in a successful web-based smokeless tobacco cessation program. *Addiction*, 105(6), 1005-1015.
1. Farmer, R.F., Seeley, J.R., **Kosty, D.B.**, & Lewinsohn, P.M. (2009). Refinements in the hierarchical structure of externalizing psychiatric disorders: Patterns of lifetime liability from mid-adolescence through early adulthood. *Journal of Abnormal Psychology*, 118(4), 699-710.

BOOK CHAPTERS

1. Pistorello, J., Hayes, S.C., Seeley, J., Biglan, T., Long, D. M., Levin, M. E., **Kosty, D.B.**, Lillis, J., Villatte, J., MacLane, C., Vilardaga, R., Daflos, S., Hammonds, S., Locklear, A., & Hanna, E. (2016). ACT-based first year experience seminars. Chapter to appear in J. Block-Lerner & L. Cardaciotto (Eds.), *The mindfulness-informed educator: Building acceptance & psychological flexibility in higher education*. New York: Routledge.

REFEREED PRESENTATIONS

37. Kelly, N. R., **Kosty**, D., Williamson, G., Guidinger, C., & Cotter, E. W. (2023, June). *Daily social media and dating app use are differentially related to disordered eating pathology in high risk young men*. Paper to be presented at the International Conference on Eating Disorders, Washington, DC.
36. McWhirter, A., McIntyre, L.L., **Kosty**, D., & Stormshak, B. (2023, March). *Parenting styles, family characteristics, and teacher reported child behaviors in kindergarten*. Poster presented at the Society for Research in Child Development.
35. Choo, S., Nelson, N., & **Kosty**, D. (2023, March). *Examining the efficacy of an educational game for improving mathematics outcomes*. Paper presented at the Council for Exceptional Children. Louisville, KY.
34. Turtura, J., Doabler, C., **Kosty**, D., & Clarke, B. (2023, March). *Measuring the quality of classroom management in a kindergarten mathematics intervention*. Poster presented at the Council for Exceptional Children. Louisville, KY.
33. Sutherland, M., Lussier, C., Clarke, B., Taylor, L., **Kosty**, D., Turtura, J., & Doabler, C.T. (2023, February). *Investigating students' response to mathematics intervention: Does tier 1 matter?* Paper presented at the National Association for School Psychologists National Convention, Denver, CO.
32. Murray, C., Knowles, C. & **Kosty**, D. (2022, November). *High school predictors of adult engagement among individuals with disabilities: An ecological perspective*. Paper presented at the Association of University Centers on Disability. Washington, DC.
31. Lesner, T., Clarke, B., **Kosty**, D., Nelson, N., & Ketterlin Geller, L. (2022, February). *Does initial mathematics skill moderate response to a sixth-grade fractions intervention?* Paper presented at the Pacific Coast Research Conference.
30. Cook, M., Lussier, C., Clarke, B., Turtura, J., Smolkowski, K., **Kosty**, D. & Doabler, C. (2022, February). *Examining the efficacy of a kindergarten math intervention: a conceptual replication*. Paper presented at the Pacific Coast Research Conference.
29. Smolkowski, K., **Kosty**, D., Cil, G., Marquez, B., Black, C., & Walker, H. (2021, September). *We Have Skills impact evaluation*. In S. Jones (Chair), *Beyond average impacts: Insights from evaluations of school-based social and emotional learning interventions* [Symposium]. Paper presented at the Society for Research on Educational Effectiveness. Washington, DC.
28. Clarke, B., Doabler, C., Turtura, J., & **Kosty**, D. (2021, October). *The impact of a whole number intervention by group size*. Poster presented at the Conference on Learning Disabilities. Las Vegas, NV.
27. Doabler, C., & **Kosty**, D. (2021, June). *Measuring the quantity and quality of explicit instructional interactions in an empirically validated tier 2 kindergarten mathematics intervention*. Invited paper presented at the Learning Disabilities Quarterly Methods Exchange.
26. Nelson, N., Goodman, S., **Kosty**, D., Martin, K.S. (2020, January). *Closing the gap in early reading: An Examination of the Impact of a Multi-Tiered, Integrated, Reading and*

Behavior Intervention for Students with or at Risk for Literacy-Related Disabilities.

Poster presented at the Institute of Education Sciences Annual Principal Investigators Meeting.

25. Kelly, N. R., **Kosty**, D.B., Guericabeitia, L., Guidinger, C., & Williamson, G. (2019, November). *Evaluating existing theories for loss of control eating in young racially diverse men.* Poster presented at The Obesity Society, Las Vegas, NV.
24. Barewal, R. B., Shune, S., & **Kosty**, D.B. (2019, October). *Dissolution properties of transitional state foods in the adult oral environment: a challenge to our current understanding.* Poster to be presented at the Oregon Speech-Language and Hearing Association Annual Conference, Salem, OR.
23. Barewal, R. B., Shune, S., **Kosty**, D.B., & Ball, J. (2019, October). *Dissolution properties of transitional state foods in the adult oral environment: a challenge to our current understanding.* Poster to be presented at the Academy of Nutrition and Dietetics Food and Nutrition Conference and Expo, Philadelphia, PA.
22. Zahn, M. R., Garbacz, S. A., Santiago, R., & **Kosty**, D. (2019, August). *Parent-teacher congruent perceptions of school support for middle school students and their families.* Poster presented at the annual meeting of the American Psychological Association, Chicago, IL.
21. Garbacz, S. A., Stormshak, E. A., McIntyre, L. L., & **Kosty**, D. (2019, March). Family centered, school based prevention to support the reduction of problem behavior during early elementary school. In S. Dawson-McClure (Chair), *Family-centered, prevention and intervention for reducing behavior problems and promoting healthy development.* Symposium conducted at the Society for Research in Child Development Biennial Meeting, Baltimore, MD.
20. Garbacz, S. A., Stormshak, E. A., McIntyre, L. L., & **Kosty**, D. (2019, February). Family centered support to address behavioral challenges at school: The Family Check-Up. In S. A. Garbacz (Chair), *Promoting home-school collaboration and supporting children with intellectual and developmental disabilities.* Ignite symposium conducted at the 16th International Conference on Positive Behavior Support, Washington, D.C.
19. Fleming, C. M., Stormshak, E. A., McIntyre, L. L., Garbacz, S. A., & **Kosty**, D. B. (2019, January). *Family-centered prevention to enhance parenting skills during the transition to elementary school.* Poster presented at the 2019 Institute of Education Sciences Principal Investigators Meeting, Washington, D.C.
18. Yoon, H., Zvoch, K., Clarke, B., **Kosty**, D. B., Doabler, C. T., Shanley, L., Fien, H., & Smolkowski, K. (2018, October). *Multiple-cutoff regression discontinuity designs in program evaluation: A comparison of two estimation methods.* Paper presented at the Annual Meeting of American Evaluation Association. Cleveland, OH.
17. **Kosty**, D.B., Seeley, J.R., Farmer, R.F., & Lewinsohn, P.M. (2015, July). *Trajectories of cannabis use disorder: Risk and developmental factors, clinical characteristics, and outcomes.* Paper presented as part of a symposium titled: "Developmental trajectories of

- youth psychopathology: adverse and resilient young adult outcomes” at the International Society for Research on Child and Adolescent Psychopathology, Portland, OR.
16. Pistorello, J., Hayes, S.C., Seeley, J.R., & **Kosty, D.B.** (2015, July). *Psychological flexibility correlates with and predicts suicidality in college students*. Paper presented at the Association for Contextual Behavioral Science, Berlin, Germany.
 15. Baker, D. L., Santoro, L., Coyne, M., & **Kosty, D.B.** (2015, February). *Effect of quality of instruction on vocabulary outcomes for kindergarteners at risk for language disabilities*. Study presented at the Pacific Coast Research Conference, San Diego, CA.
 14. Nelson, N., Fien, H., **Kosty, D.B.**, Smolkowski, K., Smith, J.L.M., & Baker, S. (2014, October). *Evaluating the effects of a systematic intervention on first grade teachers' explicit reading instruction*. "Must Reads" award and invited paper presented at the 2014 Conference on Learning Disabilities, Philadelphia, PA.
 13. Doabler, C.T., Nelson-Walker, N.J., **Kosty, D.B.**, Baker, S., Smolkowski, K., & Fien, H. (2013, September). *Explicit instructional interactions: observed stability and predictive validity during early literacy and beginning mathematics instruction*. Paper presented at the Fall Conference of the Society for Research on Educational Effectiveness, Washington, DC.
 12. Chronis-Tuscano, A., Clarke, T.L., O'Brien, K.A., Seeley, J.R., **Kosty, D.B.**, & Lewinsohn, P.M. (2013, June). *Preliminary evaluation of an integrated treatment for depressed mothers of children with ADHD*. Study presented at the International Society for Research on Child and Adolescent Psychopathology, Leuven, Belgium.
 11. Doabler, C.T., Baker, S., **Kosty, D.B.**, & Nelson-Walker, N. J. (2013, April). *Exploring observed explicit teaching episodes during early reading and beginning mathematics instruction*. Study presented at the Council for Exceptional Children, San Antonio, TX.
 10. Nelson-Walker, N., Smith, J., Fien, H., Baker, S., Smolkowski, K., & **Kosty, D.B.** (2013, February). *Predictors of differential response to Enhanced Core Reading Instruction in 1st grade*. Poster presented at the 21st Annual Pacific Coast Research Conference, Coronado, CA.
 9. Doabler, C.T., Nelson-Walker, N., & **Kosty, D.B.** (2012, October). *Classroom observations: A pertinent measurement tactic in IES-funded efficacy trials*. Poster presented at the Council for Learning Disabilities, Austin, TX.
 8. Baker, D.L., & **Kosty, D.B.** (2012, February). *Effect of learning opportunities on the reading performance in Spanish of first grade English learners*. Study presented as part of a panel lead by D. L. Baker: “The relation between observations of student-teacher interactions and student performance” at the Pacific Coast Research Conference, San Diego, CA.
 7. Nelson-Walker, N.J., Fien, H., Smith, J., Smolkowski, K., **Kosty, D.B.**, & Baker, S. (2012, February). *Systemic intervention in early reading: Impacts for students and teachers*. Paper presented at the 2012 Convention of the National Association of School Psychologists, Philadelphia, PA.

6. Smith, J., Nelson-Walker, N., Fien, H., Baker, S., Smolkowski, K., & **Kosty, D.B.** (2012, February). *Enhanced core reading instruction in Grade 1*. Poster presented at the 20th Annual Pacific Coast Research Conference, Coronado, CA.
5. Fien, H., Smolkowski, K., Clarke, B., Baker, S., Doabler, C.T., **Kosty, D.B.**, & Strand-Cary, M. (2011, November). *Examining the student and teacher correlates of math achievement and moderators of treatment impact for a kindergarten mathematics curriculum implemented in whole classroom settings*. Poster presented at the Society for Research on Educational Effectiveness, Washington D.C.
4. Baker, S., Linan-Thompson, S., Baker, D., Rodriguez-Mielke, A., Smolkowski, K., Miciak, J., Burns, D., & **Kosty, D.B.** (2011, October). *Systematic and Explicit Teaching Routines to enhance bilingual reading instruction*. Paper presented at the 33rd Annual Conference on Learning Disabilities, Austin, TX.
3. Baker, D. L., Baker, S.K., Linan-Thompson, S., **Kosty, D.B.**, Smolkowski, K., Rodriguez-Mielke, A., Miciak, & J., Burns, D. (2010, July). *Reading intervention with Spanish-speaking students: Maximizing instructional effectiveness in Spanish in first grade – Preliminary results*. Poster presented at the Society for the Scientific Study of Reading, Berlin, Germany.
2. Doabler, C.T., Fien, H., Smolkowski, K., Baker, S., Clarke, B., **Kosty, D.B.**, & Strand-Cary, M. (2010, July). *Measuring instructional interactions in kindergarten*. Poster presented at the Society for the Scientific Study of Reading Conference, Berlin, Germany.
1. Doabler, C.T., Smolkowski, K., Fien, H., **Kosty, D.B.**, & Strand-Cary, M. (2010, March). *Instructional interactions of kindergarten mathematics: Validating a classroom observation instrument*. Poster presented at the Society for Research on Educational Effectiveness, Washington D.C.

PROFESSIONAL SERVICES AND ACTIVITIES

JOURNALS SERVED AS A REVIEWER (NUMBER OF MANUSCRIPTS REVIEWED)

Addictive Behaviors (2)
Assessment for Effective Intervention (2)
Children and Youth Services Review (2)
Clinical Psychological Science (1)
Educational Assessment (1)
Elementary School Journal (11)
Evaluation Review (2)
JAMA Psychiatry, previously *Archives of General Psychiatry* (2)
Journal of Abnormal Child Psychology (1)
Journal of Clinical Child and Adolescent Psychopathology (1)
Journal of Family Psychology (1)
Journal of Learning Disabilities (3)
Journal of Positive Behavior Interventions (8)

ORGANIZATIONAL COMMITTEES SERVED

2023 – Present	<i>Audit Committee</i> , Oregon Research Institute, elected member
2022 – Present	<i>Finance Committee</i> , Oregon Research Institute, elected member
2020 – Present	<i>Board of Directors</i> , Oregon Research Institute, elected member
2018 – 2021	<i>Principal Investigator Council</i> , Center on Teaching and Learning, University of Oregon, member
2016 – Present	<i>Scientist Council</i> , Oregon Research Institute, member
2016 – 2017	<i>Strategic Planning Committee</i> , Fort Lewis College, member
2016 – 2017	<i>Assessment Advisory Group</i> , Fort Lewis College, member
2016	<i>Instructional Designer Search Committee</i> , Fort Lewis College, member
2014 – 2016	<i>Professional Development Committee</i> , Oregon Research Institute, elected member
2010 – 2016	<i>Library & Information Resource Committee</i> , Oregon Research Institute, elected chair
2008 – 2010	<i>Support of Research and Technology Committee</i> , Oregon Research Institute, elected member
2007 – 2016	<i>Science Support Council</i> , Oregon Research Institute, member

DATA SAFETY AND MONITORING

2021 – Present	Chair, Data Safety and Monitoring Board, <i>Dual Language Academic Vocabulary Building Technology to Improve Educational, Career, and Health Outcomes among Latinx Students</i> (Talk STEM Familia), Marquez & Vadasy, R44 MD013619.
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PROFESSIONAL DEVELOPMENT

2010	<i>Using Modern Regression Discontinuity Analysis to Measure Effects of Educational Interventions</i> by Howard S. Bloom, a half-day workshop at the Third Annual meeting of the Society for Research on Educational Effectiveness, Washington, DC.
2008	<i>Design and Analysis of Group-Randomized Trials</i> by David Murray, a two-day workshop at the Center on Early Adolescence 2008 Summer Institute on multilevel design and analytic issues in school and community research at Oregon Research Institute, Eugene, OR.

RESEARCH COLLABORATION AND SUPPORT

ONGOING RESEARCH COLLABORATION AND SUPPORT

R324A210257 **Nelson** **2021–2025**

Development and Pilot Study of a Tier 3 First Grade Reading Intervention

The purpose of this project is to develop a rigorous supplemental reading intervention for first graders with reading difficulties. The development project includes a randomized controlled trial to test the effects of intervention on reading outcomes.

Role: Co-Principal Investigator

NSF 2101308 **Clarke** **2021-2025**

Flexible and Comprehensive Approach to Whole Number Understanding (Flex)

The purpose of this Level II Discovery Research PreK-12 (DRK-12) Design and Development project is to develop a comprehensive kindergarten through second grade mathematics intervention system focused on whole number concepts.

Role: Methodologist

2010550 (NSF) **Doabler** **2020-2025**

Broadening Participation in Mathematics for English Learners with Mathematics Difficulties: A Multi-Site Impact Study

The purpose of this DRK-12 Impact Project is to test the efficacy of the Precision Mathematics First-Grade (PM-1) intervention on the mathematics outcomes of English learners with or at risk for math difficulties. PM-1 is designed to foster a robust understanding of the underlying concepts, problem-solving skills, and vocabulary of early measurement and data analysis.

Role: Co-Principal Investigator

R324R200005 **Clarke** **2020-2025**

Systematic Replication of a Tier 2 Kindergarten Mathematics Intervention

This project will replicate the efficacy of the ROOTS kindergarten supplemental mathematics intervention to improve mathematics achievement for struggling learners.

Role: Co-Principal Investigator

R03HD10181 **Khurana** **2020-2022**

Developmental Linkages between Parenting Behaviors and Child Externalizing Behaviors

This secondary analysis project will (a) determine which parental inputs have an impact on child self-regulation, and if it varies across developmental stages, from early childhood to adolescence, and (b) elucidate the mechanisms by which parental inputs can impact self-regulation.

Role: Co-Investigator

R305A190478 **Smolkowski** **2019-2024**

Evaluation of We Have Choices, an Upper-Elementary Self-Management Program (Choices)

The purpose of this project is to evaluate the efficacy of the *We Have Choices!* (WHC) program, developed through an Institute of Education Sciences development grant. In a brief pilot study, the universal components of WHC improved teacher-reported student behavior and student self-reported self-management frequency and skill when compared to students who did not receive WHC. Teachers also reported higher teaching efficacy.

Role: Co-Investigator

COMPLETED RESEARCH COLLABORATION AND SUPPORT

R01 DA037628-05 **Stormshak** **2020-2022**

Creating a Sustainable Infrastructure for SARS-COV-2 Testing at Syringe Exchange Programs

The goal of this project is to Partner with HIV Alliance in Oregon to support implementation and sustainability of a COVID-19 testing program that includes a brief motivational enhancement

intervention via their syringe services programs to increase reach, access, and uptake of COVID-19 testing among people who inject drugs.

Role: Co-Investigator

R01AA027543-01A1 **Farmer & Seeley** **2019-2020**

Factors Associated with the Course and Outcomes of Alcohol Use Disorders in a Cohort Sample of Adolescents Followed into Early Adulthood

In this secondary analysis project, we examined correlates of the comorbidity of alcohol use disorder (AUD) with substance use disorder (SUD) and other psychiatric disorders.

Role: Co-Investigator

R324L180014 **Nelson, Goodman, Baker, & Kosty (MPI)** **2018-2020**

Evaluating a State-Level Initiative to Integrate Tiered Academic and Behavior Interventions (Project IT2)

The purpose of this project is to evaluate Michigan Department of Education's (MDE's) Multi-Tiered Systems of Support initiative. Regression discontinuity analyses and administrative data were performed to estimate Tier 2 intervention impact on reading and behavior outcomes and document fidelity, quality, and intensity of implementation.

Role: Co-Principal Investigator

R324A160046 **Clark (PD/PI)** **2016 – 2020**

A Randomized Control Trial of a Tier 2 First-Grade Mathematics Intervention (Fusion)

The purpose of this project is twofold. The primary purpose is to test the efficacy of a fully developed, first grade mathematics intervention (Fusion) for students at-risk for mathematics learning disabilities (MLD). Preliminary studies indicate promising feasibility of use and student impact data. A secondary purpose of the project will be to explore the relationship between instructional intensity, manipulated by group size, and student outcomes.

Role: Methodologist

R324 A160125 **Fien (PD/PI)** **2016 – 2020**

Multisite Randomized Controlled Trial to Assess the Efficacy of the Numbershore Level 1 Gaming Intervention for Improving Math Outcomes for Students with or At Risk For Math Learning Disabilities

This project investigated the efficacy of the Numbershore Level 1 (NS1) gaming intervention for students with or at risk for mathematics learning disabilities. The project aims included tests of main effects, student-level moderation variables, and relationships between underlying processes and treatment group outcomes in our theory of change.

Role: Methodologist

1503161 (NSF) **Clarke & Doabler (PD/PI)** **2015 – 2019**

Precision Mathematics: Using Interactive Gaming Technology to Build Student Proficiency in Foundational Concepts and Problem Solving Skills of Measurement and Data Analysis

A 4-year, design and development project to develop and rigorously test an interactive, game-based mobile application learning system, *Precision Mathematics*, designed to ensure 1st and 2nd grade students build a robust and lasting understanding of the underlying concepts and problem solving skills in the areas of measurement and data analysis.

Role: Co-Investigator

R305A150046 **Wendt (PD/PI)** **2015 – 2019**

Efficacy testing of We Have Skills! A Multimedia Classroom Skills Program to Promote the Academic Success of Elementary Students

This project evaluated the We Have Skills! (WHS) program, developed through support of an IES development grant. WHS teaches seven teacher-preferred social and academic behaviors in early elementary school. The curriculum is designed as a universal prevention strategy, and offers more intensive, Tier 2, supports for those students with more challenging behaviors.

Role: Methodologist

R01 AA023842 **Farmer & Seeley (MPI)** **2016 – 2018**

Family Transmission of Alcohol Use Disorder Risk (Family AUD)

We investigated several important features associated with familial transmission of AUDs with an existing multigenerational data set from the Oregon Adolescent Depression Project.

Role: Methodologist

H325D130067 **McIntosh & Murray (MPI)** **2014 – 2016**

Engaging New Leaders in Implementation Science Training (ENLIST)

Project ENLIST provided new doctoral students at the University of Oregon with specialized training in research methods and implementation science, or the study of how research-based solutions can be implemented and sustained in schools under challenging, real world conditions.

Role: Methodologist and Graduate Student Instructor

R324A120304 **Clark (PD/PI)** **2012 – 2016**

A Randomized Control Trial of a Tier 2 Kindergarten Mathematics Intervention (ROOTS)

The purpose of this project was twofold. The first was to test the efficacy of a fully developed, kindergarten mathematics intervention (ROOTS) for students at-risk for Mathematics Learning Disabilities (MLD). The second purpose of the project was to test the relationship between instructional intensity, manipulated by group size, and student outcomes.

Role: Methodologist

ED-IES-13_C-0045 **Gause (PD/PI)** **2013 – 2015**

Numbershire II: Development of a Second Grade Game-Based Integrated Learning System to Target Whole Numbers, Operations in Base Ten, and Algebraic Thinking

This project aimed to develop an integrated mathematics learning and assessment gaming system to foster pre-algebraic thinking among 2nd grade students with or at risk for difficulties in mathematics.

Role: Methodologist

R01DA032659 **Farmer & Seeley (MPI)** **2012 – 2015**

Natural Course of Cannabis Use Disorders from Childhood through Early Adulthood

The research had two goals: (1) To prevent the initiation of cannabis use and the development of cannabis use disorders (CUD) by identifying patterns of abuse and associated psychosocial risk factors, including family factors. (2) To evaluate the potential influence of other psychiatric disorders in the development of CUD.

Role: Methodologist

R01AA020968 **Farmer & Seeley (MPI)** **2012 – 2015**

Natural Course and Developmental Trajectories of Alcohol Use Disorders

The research had two goals: (1) To increase knowledge of when problematic drinking is likely to occur, the proposed research will document the natural course and developmental trajectories of alcohol use disorders (AUD) from childhood through age 29. (2) To increase knowledge of why some people develop AUDs and others have difficulty recovering fully from initial AUD episodes.

Role: Methodologist

R01MH083740 **Hayes & Pistorello (MPI)** **2008 – 2015**

Prevention of Suicidality in College Students: A Common Core Process

The aim of this study was to evaluate and assess the impact of an acceptance and mindfulness-based intervention to prevent suicidal behavior in a randomized controlled trial with at-risk college freshmen.

Role: Data Analyst

R324A12048 **Doren (PD/PI)** **2012 – 2014**

Identifying Mediating and Moderating Mechanisms to Address Outcomes Associated with Poverty for Students with Disabilities; Secondary Analysis of Data from the NLTS2

The primary aim of this project was to examine cross-sectional and longitudinal models to identify mediating and moderating mechanisms for outcomes associated with poverty for students with disabilities.

Role: Data Analyst

R44MH073280 **Birney & Seeley (MPI)** **2010 – 2013**

Multimedia Internet-Based Program for Workers with Subthreshold Depression

The goal of this SBIR Phase II project was to develop and evaluate a Web-based cognitive-behavioral program for treating subthreshold depression in working adults.

Role: Data Analyst

R324A090104 **Baker (PD/PI)** **2009 – 2013**

Enhancing Core Reading Instruction in First Grade: Evaluating a Response to Intervention System that Incorporates Multiple Tiers of Instruction, Data-Based Decision Making, and Comprehensive Professional Development (ECRI)

The purpose of this project was to implement and evaluate an RTI system of enhanced reading instruction and assessment in first grade to improve reading achievement, prevent reading problems, and address the misidentification of students with specific learning disabilities (LD).

Role: Data Analyst

R305A080114 **Baker (PD/PI)** **2008 – 2012**

Early Learning in Mathematics: Efficacy Trials in Kindergarten Classrooms (ELM)

The focus of this project was to test the efficacy of Early Learning in Mathematics, a yearlong mathematics curriculum designed to be used with the full range of learners in kindergarten

general education classrooms. Two studies were conducted in schools in Oregon and Texas to test the efficacy of Early Learning in Mathematics.

Role: Data Analyst

R305B07059

Baker (PD/PI)

2007 – 2011

Enhancing Literacy Outcomes for English Learners through Systematic and Explicit Teaching Routines (SETR)

The purpose of this project was to test the efficacy of an instructional approach designed to increase the early literacy achievement of Spanish-speaking ELs in transitional bilingual programs. Specifically, we investigated whether enhancing core reading instruction with Systematic and Explicit Teaching Routines (SETR) improved Spanish and English literacy achievement of ELs in 1st and 2nd grade.

Role: Data Analyst

DATA ANALYSIS AND STATISTICAL SOFTWARE EXPERIENCE

ATLAS.ti, Excel, G*Power, HLM, Mplus, Optimal Design, R, SAS, SPSS, STATA, SUDAAN