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DANIEL MCNEISH

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ACADEMIC POSITIONS

Aug 2023 –	Full Professor (with tenure)
Aug 2020 – July 2023	Associate Professor (with tenure)
Aug 2017 – July 2020	Assistant Professor Department of Psychology, Quantitative Area Arizona State University, USA
Aug 2017 – June 2019	Faculty Affiliate
Sept 2016 – July 2017	Research Scientist Center for Developmental Science University of North Carolina, Chapel Hill, USA Supervisors: Daniel Bauer, Patrick Curran, Andrea Hussong
Jan 2016 – Aug 2016	Assistant Professor (permanent position) Department of Methodology and Statistics Utrecht University, the Netherlands

EDUCATION

Aug 2013 – Dec 2015	Ph.D., Measurement & Statistics University of Maryland, College Park, USA Advisor: Gregory Hancock
Aug 2011 – May 2013	M.A., Measurement & Statistics University of Maryland, College Park, USA Advisor: Robert Lissitz
Aug 2009 – May 2011	B.A., Psychology Wesleyan University, USA Mentor: Steven Stemler

ONE-PAGE SUMMARY

Research

- Total Publications = 106
- Peer-Reviewed Journal Articles = 91
  - 67 methodological, 24 substantive
  - 57 first-authored articles (63%)
  - 24 sole-authored articles (27%)
- Submitted manuscripts = 9 (4 under revision, 5 under first review)
- 12 articles in *Psychological Methods*
  - 10 as first author
  - Most first-authored papers since the journal's inception in 1996
- 13 articles in *Multivariate Behavioral Research*
  - 12 as first author
  - 3rd most first-authored papers since the journal's inception in 1966
- Highly Cited Researcher in Psychiatry/Psychology, Web of Science
- 5 early career research awards, 1 elected society membership
- 12th most influential scientist in "Social Science Methods" category in 2021 (PLOS Biology)
- 11 federally funded grants at ASU, 2 as Principal Investigator
- Google Scholar Citations = 7108, h-index = 31, i-10 index = 61
- Scopus Citations = 4323, h-index = 26

Teaching & Mentoring

- 15 sections of 7 courses taught
  - Graduate = 9 sections, 5 courses
  - Undergraduate = 6 sections, 2 sections
  - At ASU, 9 sections of 4 courses total
- Average ASU graduate course rating = 1.0 / 5.0 (lower is better at ASU)
- Average ASU undergraduate course rating = 1.2 / 5.0 (lower is better at ASU)
- 1 completed PhD advisee (placement = post-doc at UCLA)
- 2 current PhD advisees (one 5th year, one 2nd year)
- 1 current postdoc
- 33 graduate student committees

Service

- 2 associate editorships
  - *Multivariate Behavioral Research*
  - *Behavior Research Methods*
- 3 editorial board memberships
  - *Psychological Methods*
  - *Organizational Research Methods*
  - Multivariate Applications book series
- Ad hoc reviewer at 47 journals
- 2-year term on departmental Planning and Advisory Committee
- 2-year term on departmental Faculty Evaluation Committee

AWARDS & RECOGNITION

International

2023 Distinguished Scientific Award for Early Career Contributions
American Psychological Association

2022 Highly Cited Researcher in Psychiatry/Psychology
Clarivate/Web of Science

2020 Early Career Research Award
Society for Multivariate Experimental Psychology

2019 Anne Anastasi Early Career Contributions Award
American Psychological Association, Division 5

2019 Early Career Award for Statistics (given every 3 years)
American Educational Research Association, Division D

2018 Rising Star Early Career Award
Association for Psychological Science

2018 Elected Member (limited to 65 active members worldwide)
Society for Multivariate Experimental Psychology

2018 Anne Anastasi Dissertation Award
American Psychological Association, Division 5

Publications

2021 Tanaka Award for outstanding paper, *Multivariate Behavioral Research*

2017 Best Paper Prize runner-up, *Journal of Applied Statistics*

Institutional

2016 Outstanding Dissertation, University of Maryland

2015 Outstanding Doctoral Student, University of Maryland

2015 Outstanding Graduate Assistant, University of Maryland

2013 Outstanding Master's Student, University of Maryland

2011 Walkley Prize for Excellence in Psychology, Wesleyan University

2011 Dean's List, Wesleyan University

EDITORIAL POSITIONS

2022- Associate Editor, *Behavior Research Methods*

2020-2021 Consulting Editor, *Behavior Research Methods*
Impact Factor: 5.95, ranked 1 / 13 in Mathematical Psychology

2020- Associate Editor, *Multivariate Behavioral Research*

2022- Section Editor for Software Contributions, *Multivariate Behavioral Research*
Impact Factor: 3.09, ranked 14 / 125 in Statistics & Probability

2020- Consulting Editor, *Psychological Methods*
Impact Factor: 10.93, ranked 7 / 140 in Multidisciplinary Psychology

2020- Editorial Board, Multivariate Applications Book Series
Publisher: Routledge

2017- Editorial Board, *Organizational Research Methods*
Impact Factor: 8.25, ranked 6/ 112 in Applied Psychology

PUBLICATIONS

Underline indicates mentored student or post-doc author
Impact factors are from year of publication

In Press (n =10)

1. **McNeish, D.**, Harring, J.R., & Bauer, D.J. (in press). Nonconvergence, covariance constraints, and class enumeration in growth mixture models. *Psychological Methods.*
   Impact Factor: 10.93 [2021 Journal Citation Reports® (Thomson Reuters, 2022)]

2. **McNeish, D.**, Bauer, D.J., Dumas, D., Clements, D.H., Cohen, J.R., Lin, W., Sarama, J., & Sheridan, M.A. (in press). Modeling individual differences in the timing of change onset and offset. *Psychological Methods*.
   Impact Factor: 10.93 [2021 Journal Citation Reports® (Thomson Reuters, 2022)]

3. **McNeish, D.** & Mackinnon, D.P. (in press). Intensive longitudinal mediation in Mplus. *Psychological Methods.*
   Impact Factor: 10.93 [2021 Journal Citation Reports® (Thomson Reuters, 2022)]

4. **McNeish, D.,** Somers, J.A., & Savord, A. (in press). Dynamic structural equation models with binary and ordinal outcomes in Mplus. *Behavior Research Methods*
   Impact Factor: 6.24 [2020 Journal Citation Reports® (Thomson Reuters, 2021)]

5. **McNeish, D.** (in press). Psychometric properties of sum scores and factor scores differ even when their correlation is 0.98: A response to Widaman and Revelle. *Behavior Research Methods*.
   Impact Factor: 6.24 [2020 Journal Citation Reports® (Thomson Reuters, 2021)]

6. **McNeish, D.**, Harring, J.R., & Dumas, D. (in press). A multilevel structured latent curve model for disaggregating student and school contributions to learning. *Statistical Methods & Applications.*
   Impact Factor: 1.18 [2021 Journal Citation Reports® (Thomson Reuters, 2022)]

7. Levy, R. & **McNeish, D.** (in press). Alternative perspectives on Bayesian inference and their implications for data analysis. *Psychological Methods.*
   Impact Factor: 10.93 [2021 Journal Citation Reports® (Thomson Reuters, 2022)]

8. Somers, J.A., Luecken, L.J., **McNeish, D.,** Lemery-Chalfant, K., & Spinrad, T.L. (in press). Second-by-second infant and mother emotion regulation and coregulation processes. *Development & Psychopathology.*
   Impact Factor: 4.15 [2020 Journal Citation Reports® (Thomson Reuters, 2021)]

9. Dumas, D., Dong, Y., & **McNeish, D.** (in press). How fair is my test?: A ratio coefficient to help represent consequential validity. *European Journal of Psychological Assessment*

Impact Factor: 2.89 [2021 Journal Citation Reports® (Thomson Reuters, 2022)]

10. Perez, M., Winstone, L.K., Hernandez, J.C., Curci, S.G., **McNeish, D.**, & Luecken, L.J. (in press). Association of BMI trajectories with cardiometabolic risk at age 7.5 years among low-income Mexican American children. *Pediatric Research.*
    Impact Factor: 3.95 [2020 Journal Citation Reports® (Thomson Reuters, 2021)]

2023 (*n*=7)

11. **McNeish, D.** & Wolf, M.G. (2023). Dynamic fit index cutoffs for confirmatory factor analysis models. *Psychological Methods, 28* (1), 61-88.
    Impact Factor: 10.93 [2021 Journal Citation Reports® (Thomson Reuters, 2022)]

12. **McNeish, D.** & Wolf, M.G. (2023). Dynamic fit cutoffs for one-factor models. *Behavior Research Methods, 55* (3), 1157-1174.
    Impact Factor: 5.95 [2021 Journal Citation Reports® (Thomson Reuters, 2022)]

13. **McNeish, D.**, Peña, A., Vander Wyst, K.B., Ayers, S.L., Olson, M.L., & Shaibi, G.Q. (2023). Facilitating growth mixture model convergence in preventive interventions. *Prevention Science, 24* (3), 505-516. [invited special issue contribution].
    Impact Factor: 3.93 [2021 Journal Citation Reports® (Thomson Reuters, 2022)]

14. **McNeish, D.** (2023). Generalizability of dynamic fit index, equivalence testing, and Hu & Bentler cutoffs for evaluating fit in factor analysis. *Multivariate Behavioral Research, 58* (1), 195-219. [invited early career award address]
    Impact Factor: 3.08 [2021 Journal Citation Reports® (Thomson Reuters, 2022)]

15. Savord, A., **McNeish, D.**, Iida, M., Quiroz, S., & Ha, T. (2023). Fitting the longitudinal actor-partner interdependence model as a dynamic structural equation model. *Structural Equation Modeling, 30* (2), 296-314.
    Impact Factor: 6.18 [2021 Journal Citation Reports® (Thomson Reuters, 2022)]

16. Wolf, M.G. & **McNeish, D.** (2023). dynamic: An R package for deriving dynamic fit index cutoffs for factor analysis. *Multivariate Behavioral Research*, 58 (1), 189-194.
    Impact Factor: 3.09 [2021 Journal Citation Reports® (Thomson Reuters, 2022)]

17. English, D., Smith, J.C., Scott-Walker, L., Lopez, F.G., Morris, M., Reid, M., … **McNeish, D.** (2023). Feasibility, acceptability, and preliminary HIV Care and psychological health effects of THRIVE 365. *JAIDS: Journal of Acquired Immunodeficiency Syndrome, 93* (1), 55-63.
    Impact Factor: 3.77 [2021 Journal Citation Reports® (Thomson Reuters, 2022)]

2022 (*n* = 7)

18. **McNeish, D.** & Bauer, D.J. (2022). Reducing incidence of nonpositive definite covariance matrices in mixed effect models. *Multivariate Behavioral Research, 57* (2-3), 318-340.
    Impact Factor: 5.44 [2020 Journal Citation Reports® (Thomson Reuters, 2021)]

19. **McNeish, D.** (2022). Limitations of the sum-and-alpha approach to measurement in behavioral research. *Policy Insights from the Brain and Behavioral Sciences, 9* (2), 196-203. [invited paper]
    Impact Factor: 3.90 [2021 CiteScore (Scopus, 2022)]

20. **McNeish, D.**, Dumas, D., Torre, D., & Rice, N. (2022). Modelling time to maximum competency in medical student progress tests. *Journal of the Royal Statistical Society, Series A, 185* (4), 2007-2034.
    Impact Factor: 2.18 [2021 Journal Citation Reports® (Thomson Reuters, 2022)]

21. Blake, A.J., **McNeish, D.**, & Chassin, L. (2022). The influence of parent-child separation on young-adult substance use disorder: Measurement and moderation as sources of heterogeneity. *Journal of Family Psychology, 36* (2), 159-169.
    Impact Factor: 3.30 [2021 Journal Citation Reports® (Thomson Reuters, 2022)]

22. Roberts, G.J., Dumas, D., **McNeish, D.**, & Cote, B. (2022). Understanding the dynamics of reading intervention dosage response: A nonlinear meta-analysis. *Review of Educational Research, 92* (2), 209-248.
    Impact Factor: 13.55 [2021 Journal Citation Reports® (Thomson Reuters, 2022)]

23. Aitken, A.A., Graham, S., & **McNeish, D.** (2022). The effects of choice vs preference on writing and the mediating role of perceived competence. *Journal of Educational Psychology, 114* (8), 1844-1865.
    Impact Factor: 6.86 [2021 Journal Citation Reports® (Thomson Reuters, 2022)]

24. Cole, V.T., Hussong, A.M., **McNeish, D.**, Ennett, S.T., Rothenberg, W.A., Gottfredson, N.C., & Faris, R.W. (2022). The self-medication pathway to smoking for adolescents: interactions between depressive symptoms, coping motives for smoking, and social standing. *Journal of Studies on Alcohol and Drugs,* 83, 420-429.
    Impact Factor: 2.58 [2021 Journal Citation Reports® (Thomson Reuters, 2022)]

2021 (*n* = 5)

25. **McNeish, D.** (2021). Location-scale models for heterogeneous variances as multilevel SEMs. O*rganizational Research Methods, 24,* 630-653.
    Impact Factor: 9.39 [2020 Journal Citation Reports® (Thomson Reuters, 2021)]

26. **McNeish, D.**, Mackinnon, D.P., Marsch, L.A., & Poldrack, R.A. (2021). Measurement in intensive longitudinal data. *Structural Equation Modeling, 28,* 807-822.
    Impact Factor: 6.23 [2020 Journal Citation Reports® (Thomson Reuters, 2021)]

27. **McNeish, D.** & Harring, J.R. (2021). Improving convergence in growth mixture models without covariance structure constraints. *Statistical Methods in Medical Research, 30,* 994-1012.
    Impact Factor: 3.02 [2020 Journal Citation Reports® (Thomson Reuters, 2021)]

28. **McNeish, D**. & Dumas, D. (2021). A seasonal dynamic measurement model for summer learning loss. *Journal of the Royal Statistical Society, Series A, 184,* 616-642.
    Impact Factor: 2.48 [2020 Journal Citation Reports® (Thomson Reuters, 2021)]

29. Silverman, R.D., **McNeish, D.**, Ritchey, K.D., & Speece, D.L. (2021). Early screening for decoding and language-related reading difficulties in 1st and 3rd grade. *Assessment for Effective Intervention, 46,* 99-109.
    Impact Factor: 2.00 [2019 CiteScore (Scopus, 2020)]

2020 (*n* = 12)

30. **McNeish, D.** & Hamaker, E.L. (2020). A primer on two-level dynamic structural equation modeling for intensive longitudinal data in Mplus. *Psychological Methods, 25,* 610-635.
    Impact Factor: 8.43 [2019 Journal Citation Reports® (Thomson Reuters, 2020)]

31. **McNeish, D.** & Wolf, M.G. (2020). Thinking twice about sum scores. *Behavior Research Methods, 52,* 2287-2305.
    Impact Factor: 4.43 [2019 Journal Citation Reports® (Thomson Reuters, 2020)]

32. **McNeish, D.** & Harring, J.R. (2020). Covariance pattern mixture models: Eliminating random effects to improve convergence and performance. *Behavior Research Methods, 52,* 947-979.
    Impact Factor: 4.43 [2019 Journal Citation Reports® (Thomson Reuters, 2020)]

33. **McNeish, D.** & Matta, T.H. (2020). Flexible treatment of time-varying covariates with time unstructured data. *Structural Equation Modeling, 27,* 298-317.
    Impact Factor: 3.64 [2019 Journal Citation Reports® (Thomson Reuters, 2020)]

34. **McNeish, D.**, Dumas, D.G., & Grimm, K.J. (2020). Estimating new quantities from longitudinal test scores to improve forecasts of future performance. *Multivariate Behavioral Research, 55,* 894-909.
    ******** *Paper won Tanaka Award for best paper published in MBR in 2020*
    Impact Factor: 2.75 [2019 Journal Citation Reports® (Thomson Reuters, 2020)]

35. **McNeish, D.** (2020). Should we use F-tests for model fit instead of chi-square in over-identified structural equation models?. *Organizational Research Methods, 23, 487-510.*
    Impact Factor: 5.71 [2019 Journal Citation Reports® (Thomson Reuters, 2020)]

36. **McNeish, D.** (2020). Relaxing the proportionality assumption in latent basis models for nonlinear growth. *Structural Equation Modeling, 27,* 817-824.
    Impact Factor: 3.64 [2019 Journal Citation Reports® (Thomson Reuters, 2020)]

37. Dumas, D.G., **McNeish, D.**, & Greene, J.A. (2020). Dynamic measurement: A theoretical-psychometric paradigm for modern educational psychology. *Educational Psychologist, 55,* 88-105.
    Impact Factor: 4.48 [2019 Journal Citation Reports® (Thomson Reuters, 2020)]

38. Smid, S.C., **McNeish, D.**, Miočević, M., & van de Schoot, A.G.J. (2020). Bayesian versus frequentist estimation for structural equation models in small sample contexts: A systematic review. *Structural Equation Modeling, 27,* 131-161.
    Impact Factor: 3.64 [2019 Journal Citation Reports® (Thomson Reuters, 2020)]

39. Peña, A., **McNeish, D.**, Ayers, S.L., Olson, M.L., Vander Wyst, K.B., Williams, A.N., & Shaibi, G.Q. (2020). Response heterogeneity to lifestyle intervention among Latino adolescents. *Pediatric Diabetes, 21,* 1430-1436.
    Impact Factor: 3.05 [2019 Journal Citation Reports® (Thomson Reuters, 2020)]

40. Hussong, A.M., Ennett, S.T., **McNeish, D.**, Cole, V., Gottfredson, N., Rothenberg, W.A., & Farris, R.J. (2020). Social network interactions as mediators of depression-substance use associations across adolescence. *Development and Psychopathology, 32,* 615-630.
    Impact Factor: 3.39 [2019 Journal Citation Reports® (Thomson Reuters, 2020)]

41. Somers, J.A., Kerr, M.L., **McNeish, D.**, Smiley, P.A., Buttitta, K.V., Rasmussen, H.F., & Borelli, J.L. (2020). Quantitatively representing real-time emotion dynamics: attachment-based differences in mothers' emotion. *Journal of Family Psychology, 34,* 480-489.
    Impact Factor: 1.84 [2019 Journal Citation Reports® (Thomson Reuters, 2020)]

2019 (*n* = 9)

42. **McNeish, D.** (2019). Poisson multilevel models with small samples. *Multivariate Behavioral Research, 54,* 444-455.
    Impact Factor: 2.14 [2018 Journal Citation Reports® (Thomson Reuters, 2019)]

43. **McNeish, D.** (2019). Effect partitioning in cross-sectionally clustered data without multilevel models. *Multivariate Behavioral Research, 54,* 906-925.
    Impact Factor: 2.14 [2019 Journal Citation Reports® (Thomson Reuters, 2020)]

44. **McNeish, D.** & Kelley, K. (2019). Fixed effects models versus mixed effects models for clustered data: Reviewing the approaches, disentangling the differences, and making recommendations. *Psychological Methods, 24,* 20-35.
    Impact Factor: 8.19 [2018 Journal Citation Reports® (Thomson Reuters, 2019)]

45. **McNeish, D.** (2019). Two-level dynamic structural equation models with small samples. *Structural Equation Modeling, 26,* 948-966.
    Impact Factor: 4.43 [2018 Journal Citation Reports® (Thomson Reuters, 2019)]

46. **McNeish, D.** & Dumas, D.G. (2019). Scoring repeated standardized tests to estimate capacity, not just current ability. *Policy Insights from the Brain and Behavioral Sciences, 6,* 218-224. [Invited Paper].
    Impact Factor: 2.46 [2017 CiteScore (Scopus, 2018)]

47. Dumas, D., **McNeish**, **D.**, Schreiber-Gregory, D., Durning, S.J., & Torre, D.M. (2019). Dynamic measurement in health professions education: Rationale, application, and possibilities. *Academic Medicine, 94,* 1323-1398.
    Impact Factor: 4.94 [2018 Journal Citation Reports® (Thomson Reuters, 2019)]

48. Dumas, D.G., **McNeish, D.**, Sarama, J., & Clements, D. (2019). Pre-school mathematics intervention can significantly improve student learning trajectories through elementary school. *AERA Open, 5* (4), 1-15.
    Impact Factor: 1.89 [2018 Journal Citation Reports® (Thomson Reuters, 2020)]

49. Silverman, R.D., Artzi, L., **McNeish, D**., Hartranft, A., Martin-Beltran, M., & Peercy, M. (2019). The relationship between media type and vocabulary learning in a cross age peer-learning program for linguistically diverse elementary school students. *Contemporary Educational Psychology, 56,* 106-116.
    Impact Factor: 2.48 [2018 Journal Citation Reports® (Thomson Reuters, 2019)]

50. Wentzel, K., Tomback, R., Williams, A., & **McNeish, D.** (2019). Perceptions of competence, control, and belongingness over the transition to high school: A mixed-method study. *Contemporary Educational Psychology, 56,* 55-66.
    Impact Factor: 2.48 [2018 Journal Citation Reports® (Thomson Reuters, 2019)]

2018 (*n* = 10)

51. **McNeish, D.** (2018). Thanks coefficient alpha, we'll take it from here. *Psychological Methods, 23,* 412-433.
    Impact Factor: 6.49 [2017 Journal Citation Reports® (Thomson Reuters, 2018)]

52. **McNeish, D.** & Hancock, G.R. (2018). The effect of measurement quality on targeted structural model fit indices: A comment on Lance, Beck, Fan, and Carter (2016). *Psychological Methods, 23,* 184-190.
    Impact Factor: 6.49 [2017 Journal Citation Reports® (Thomson Reuters, 2018)]

53. **McNeish, D.,** An, J., & Hancock, G.R. (2018). The thorny relation between measurement quality and fit index cut-offs in latent variable models. *Journal of Personality Assessment, 100,* 43-52.

Impact Factor: 2.34 [2017 Journal Citation Reports® (Thomson Reuters, 2018)]

54. **McNeish, D.** & Matta, T. (2018). Differentiating between mixed effects and latent curve approaches to growth modeling. *Behavior Research Methods, 50,* 1398-1414.
Impact Factor: 3.60 [2017 Journal Citation Reports® (Thomson Reuters, 2018)]

55. **McNeish, D.** & Dumas, D.G. (2018). Calculating conditional reliability for dynamic measurement model capacity estimates. *Journal of Educational Measurement, 55,* 614-634.
Impact Factor: 0.94 [2017 Journal Citation Reports® (Thomson Reuters, 2018)]

56. **McNeish, D.** (2018). Growth models with small samples and missing data. *Journal of Experimental Education, 86,* 690-701.
Impact Factor: 1.87 [2017 Journal Citation Reports® (Thomson Reuters, 2018)]

57. **McNeish, D.** (2018). Approximating item difficulty with the Kaplan-Meier estimator. *Journal of Experimental Education, 86,* 308-324.
Impact Factor: 1.87 [2017 Journal Citation Reports® (Thomson Reuters, 2018)]

58. Dumas, D.G. & **McNeish, D.** (2018). Increasing the consequential validity of reading assessment using dynamic measurement modeling. *Educational Researcher, 47*, 612-614.
Impact Factor: 4.00 [2017 Journal Citation Reports® (Thomson Reuters, 2018)]

59. Wentzel, K., Muenks, K.M., **McNeish, D.**, & Russell, S. (2018). Emotional support, social goals, and classroom behavior: A multi-level multi-site study. *Journal of Educational Psychology, 110,* 611-627.
Impact Factor: 4.43 [2017 Journal Citation Reports® (Thomson Reuters, 2018)]

60. Hussong, A.M., Ennett, S.T., **McNeish, D.**, Rothenberg, W.A., Cole, V., Gottfredson, N.C., & Faris, R.W. (2018). Teen social networks and depression-substance use associations: Developmental and demographic variation. *Journal of Studies on Alcohol and Drug Use, 79,* 770-780.
Impact Factor: 2.62 [2017 Journal Citation Reports® (Thomson Reuters, 2018)]

2017 (*n* = 19)

61. **McNeish, D.**, Stapleton, L. M., & Silverman, R.D. (2017). On the unnecessary ubiquity of hierarchical linear modeling. *Psychological Methods*, 22, 114-140.
Impact Factor: 4.67 [2016 Journal Citation Reports® (Thomson Reuters, 2017)]

62. **McNeish, D.** (2017). Small sample methods for multilevel modeling: A colloquial elucidation of REML and the Kenward-Roger correction. *Multivariate Behavioral Research, 52,* 661-670.
Impact Factor: 2.59 [2016 Journal Citation Reports® (Thomson Reuters, 2017)]

63. **McNeish, D.,** & Wentzel, K.R. (2017). Accommodating small sample sizes in three level models when the third level is incidental. *Multivariate Behavioral Research, 52,* 200-215.
    Impact Factor: 2.59 [2016 Journal Citation Reports® (Thomson Reuters, 2017)]

64. **McNeish, D.** & Dumas, D. (2017). Non-linear growth models as psychometric models: A second-order growth curve model for measuring potential. *Multivariate Behavioral Research, 52,* 61-85.
    Impact Factor: 2.59 [2016 Journal Citation Reports® (Thomson Reuters, 2017)]

65. **McNeish, D.** (2017). Challenging conventional wisdom for multivariate statistical models with small samples. *Review of Educational Research, 87,* 1117-1151.
    Impact Factor: 5.26 [2016 Journal Citation Reports® (Thomson Reuters, 2017)]

66. **McNeish, D.** (2017). Multilevel mediation with few clusters: A cautionary note on the multilevel structural equation modeling framework. *Structural Equation Modeling, 24,* 609-625.
    Impact Factor: 3.10 [2016 Journal Citation Reports® (Thomson Reuters, 2017)]

67. **McNeish, D.** (2017). Exploratory factor analysis with small samples and missing data. *Journal of Personality Assessment, 99,* 637-652.
    Impact Factor: 2.02 [2016 Journal Citation Reports® (Thomson Reuters, 2017)]

68. **McNeish, D.**, & Harring, J.R. (2017). Corrected model fit criteria for small sample latent growth models with incomplete data. *Educational and Psychological Measurement, 77,* 990-1018.
    Impact Factor: 1.55 [2016 Journal Citation Reports® (Thomson Reuters, 2017)]

69. **McNeish, D.** (2017). Fitting residual error structures for growth models in SAS PROC MCMC. *Educational and Psychological Measurement, 77,* 587-612.
    Impact Factor: 1.55 [2016 Journal Citation Reports® (Thomson Reuters, 2017)]

70. **McNeish, D.** & Harring, J.R. (2017). The effect of model misspecification in growth mixture model class enumeration. *Journal of Classification, 34,* 223-248.
    Impact Factor: 3.08 [2016 Journal Citation Reports® (Thomson Reuters, 2017)]

71. **McNeish, D.** (2017). Missing data methods for arbitrary missingness with small samples. *Journal of Applied Statistics, 44,* 24-39.
    ** *Paper was the runner-up for the journal's 2017 Best Paper Prize*
    Impact Factor: 0.66 [2016 Journal Citation Reports® (Thomson Reuters, 2017)]

72. **McNeish, D.**, & Harring, J.R. (2017). Clustered data with small sample sizes: Comparing the performance of model-based and design-based approaches. *Communications in Statistics: Simulation and Computation, 46,* 855-869.

Impact Factor: 0.46 [2016 Journal Citation Reports® (Thomson Reuters, 2017)]

73. Dumas, D. & **McNeish, D.** (2017). Dynamic measurement modeling: Using nonlinear growth models to estimate student learning capacity. *Educational Researcher, 46,* 284-292.
Impact Factor: 3.83 [2016 Journal Citation Reports® (Thomson Reuters, 2017)]

74. Hancock, G. R., & **McNeish, D**. (2017). More powerful tests of simple interaction contrasts for the two way factorial design. *Journal of Experimental Education, 85,* 24-35.
Impact Factor: 1.59 [2016 Journal Citation Reports® (Thomson Reuters, 2017)]

75. Harring, J.R., **McNeish, D., &** Hancock, G.R. (2017). Using phantom variables in structural equation modeling to assess model sensitivity to external misspecification. *Psychological Methods, 22,* 616-631.
Impact Factor: 4.67 [2016 Journal Citation Reports® (Thomson Reuters, 2017)]

76. Wentzel, K.R., Muenks, K., **McNeish, D.**, & Russell, S.L. (2017) Peer and teacher supports in relation to motivation and engagement: A multi-level study. *Contemporary Educational Psychology, 49,* 32-45.
Impact Factor: 2.89 [2016 Journal Citation Reports® (Thomson Reuters, 2017)]

77. Elzakkers, I.F.F.M., Danner, U.N., Sternheim, L.C., **McNeish, D.**, Hoek, H.W., & van Elburg, A.A. (2017). Mental capacity to consent to treatment and the association with outcome – a longitudinal study in anorexia nervosa patients. *British Journal of Psychiatry Open, 3,* 147-153.
Impact Factor: 2.48 [2017 CiteScore (Scopus, 2018)]

78. Silverman, R.D., Martin-Beltran, M., Peercy, M.M., Hartranft, A.M., **McNeish, D.**, Artzi, L., & Nunn, S.G. (2017). Effects of a cross-age peer learning program on the vocabulary and comprehension of ELs and Non-ELs in elementary school. *The Elementary School Journal, 117,* 485-512.
Impact Factor: 1.15 [2016 Journal Citation Reports® (Thomson Reuters, 2017)]

79. Silverman, R. D., Kim, Y., Hartranft, A. M., Nunn, S.J., **McNeish, D.** (2017). Effects of a multimedia enhanced reading buddies program in kindergarten and fourth grade. *Journal of Educational Research, 110,* 391-404.
Impact Factor: 1.20 [2016 Journal Citation Reports® (Thomson Reuters, 2017)]

2016 (*n* = 7)

80. **McNeish, D.**, & Stapleton, L.M. (2016). The effect of small sample size on two level model estimates: A review and illustration. *Educational Psychology Review, 28,* 295-314.
Impact Factor: 2.59 [2015 Journal Citation Reports® (Thomson Reuters, 2016)]

81. **McNeish, D.**, & Stapleton, L. M. (2016). Modeling clustered data with very few clusters. *Multivariate Behavioral Research, 51,* 495-518.
    Impact Factor: 1.55 [2015 Journal Citation Reports® (Thomson Reuters, 2016)]

82. **McNeish, D.** (2016). Estimation methods for mixed logistic models with small sample sizes. *Multivariate Behavioral Research, 51,* 790-804.
    Impact Factor: 1.55 [2015 Journal Citation Reports® (Thomson Reuters, 2016)]

83. **McNeish, D.** (2016). Using data-dependent priors to mitigate small sample size bias in latent growth models: A discussion and illustration using Mplus. *Journal of Educational and Behavioral Statistics, 41,* 27-56.
    Impact Factor: 1.08 [2015 Journal Citation Reports® (Thomson Reuters, 2016)]

84. **McNeish, D.** (2016). On using Bayesian methods to address small sample problems. *Structural Equation Modeling, 23,* 750-773.
    Impact Factor: 3.23 [2015 Journal Citation Reports® (Thomson Reuters, 2016)]

85. Kang, Y., **McNeish, D.**, & Hancock, G. R. (2016). The role of measurement quality on practical guidelines for assessing measurement and structural invariance. *Educational and Psychological Measurement. 76,* 533-561.
    Impact Factor: 1.49 [2015 Journal Citation Reports® (Thomson Reuters, 2016)]

86. Stapleton, L.M., **McNeish, D.** & Yang, J.S. (2016). Multi-level and single-level models for measured and latent variables when data are clustered. *Educational Psychologist, 51,* 317-330.
    Impact Factor: 5.68 [2015 Journal Citation Reports® (Thomson Reuters, 2016)]

2015 & Prior (*n* = 5)

87. **McNeish, D.** (2015). Using Lasso for predictor selection and to assuage overfitting: A method long overlooked in behavioral sciences. *Multivariate Behavioral Research, 50,* 474-481.
    Impact Factor: 2.48 [2014 Journal Citation Reports® (Thomson Reuters, 2015)]

88. **McNeish, D**., & Dumas, D. (2015). A second-order model for understanding potential. *Multivariate Behavioral Research, 51,* 727. [Abstract]
    Impact Factor: 2.48 [2014 Journal Citation Reports® (Thomson Reuters, 2015)]

89. **McNeish, D.** (2014). Modeling sparsely clustered data: Design-based, model-based, and single-level methods. *Psychological Methods, 19,* 552-563.
    Impact Factor: 5.71 [2013 Journal Citation Reports® (Thomson Reuters, 2014)]

90. **McNeish, D.** (2014). Analyzing clustered data with OLS regression: The effect of a hierarchical data structure. *General Linear Model Journal, 40,* 11-16.

91. Stemler, S. E., Elliott, J. G., **McNeish, D.**, Grigorenko, E. L. & Sternberg, R. J. (2012). Examining the construct and cross-cultural validity of the Teaching Excellence Rating Scale (TERS). *The International Journal of Educational and Psychological Assessment*, *9*, 121-138.

Book Chapters, Technical Reports, & Briefs (*n* = 11)

92. Dumas, D., **McNeish, D.**, Dong, Y., & Duellberg, D. (2022). Improving the fairness of Coast Guard recruitment and selection with the ASVAB and AFCT. Technical report. *Defense Technical Information Center*, AD1168899.

93. West, S.G., Wu, W., **McNeish, D.**, & Savord, A. (2023). Model fit in structural equation modeling. In R.H. Hoyle (Ed.), *Handbook of Structural Equation Modeling* (2nd Ed.) New York: Guilford Press, pp. 184-205.

94. Bauer, D.J., **McNeish, D**., Baldwin, S.A., & Curran, P.J. (2020). Analyzing nested data: Multilevel modeling and alternative approaches. In A. Wright & M. Hallquist (Eds.), *Handbook of research methods in clinical psychology*. Cambridge University Press, pp. 426-443.

95. Hox, J. J., & **McNeish, D**. (2020). Small samples in multilevel modeling. In R. Van de Schoot & M. Miočević (Eds.), *Small sample size solutions: A guide for applied researchers and practitioners*. Routledge, pp. 215-225.

96. **McNeish, D.**, Lane, S., & Curran, P.J., (2019). Monte Carlo simulation studies. In G.R. Hancock, R.O. Mueller, & Stapleton, L.M. (Eds.), *The reviewer's guide to quantitative methods in the social sciences*, pp. 269-278.

97. Harring, J. R., **McNeish, D**., & Zhu, X. (2016). On the adequacy of SEM model fit criteria to detect cohort effects in accelerated longitudinal designs. Technical report. University of Maryland, College Park.

98. **McNeish, D.**, Radunzel, J., & Sanchez, E. I. (2016). Adjusted differences in ACT® scores by race/ethnicity. *ACT Data Byte*, 2016-7.

99. **McNeish, D.**, Radunzel, J., & Sanchez, E. I. (2016). Adjusted differences in ACT® scores by parental education level. *ACT Data Byte*, 2016-6.

100. **McNeish, D.**, Radunzel, J., & Sanchez, E. I. (2016). Adjusted differences in ACT® scores by family income. *ACT Data Byte,* 2016-5.

101. **McNeish, D.**, Radunzel, J., & Sanchez, E. I. (2016). Relating student and school characteristics to performance on the ACT®. *ACT Data Byte,* 2016-4.

102. **McNeish, D.**, Radunzel, J., & Sanchez, E. I. (2015). Relating non-cognitive student characteristics to the ACT® College Readiness Assessment. *ACT Research Report Series,* RR2015-6.

Software (*n* = 4)

103. Wolf, M.G. & **McNeish, D.** (2022). `dynamic`: DFI cutoffs for latent variables models (version 1.1.0). [Software]. Available from CRAN, https://cran.r-project.org/web/packages/dynamic (~400 downloads/month)

104. Matta, T.H. & **McNeish, D.** (2020). `glvmfit`: Methods to assess generalized latent variable model fit (version 0.0.0). [Software]. Available from CRAN, https://cran.r-project.org/web/packages/glvmfit (~ 500 downloads/month)

105. Wolf, M. G. & **McNeish, D.** (2020). Dynamic Model Fit (version 0.1.0.). [Software]. Available from www.dynamicfit.app (~900 uses/month)

106. Peters, G.J. & **McNeish, D.** (2016). scaleStructure: scaleStructure (version 0.5-2) [Software]. Now available as a function in the `ufs` R package, https://cran.r-project.org/web/packages/ufs/ (`ufs` receives ~1250 downloads/month)

MANUSCRIPTS UNDER REVISION

1. **McNeish, D.**, Dumas, D., Dong, Y., & Duellberg, D. (under review). Promoting inclusive recruiting & selection into military training schools. *Journal of Applied Psychology.*

2. **McNeish, D.** (under review). A practical guide to selecting (and blending) approaches for clustered data: Clustered errors, multilevel models, and fixed effect models. *Psychological Methods.*

3. Matta, T.H. & **McNeish, D**. (under review). SRMR, covariates, and latent curve models. *Multivariate Behavioral Research.*

4. Oesterle, S., **McNeish, D.**, Guttmannova, K., Skinner, M., Kuklinksi, M.R., & Hawkins, J.D. (under review). The interrelated association between young adults' legal and normative

cannabis environments and their association with cannabis use. *Prevention Science*.

MANUSCRIPTS UNDER FIRST REVIEW

1. **McNeish, D.** & Somers, J.A. (under review). Modeling intervention adherence in ecological momentary assessment data when both the outcome and covariate are binary with systematic trends. *Statistics in Medicine.*

2. **McNeish, D.** (under review). Are normal-theory dynamic fit index cutoffs appropriate for evaluating fit of ordinal confirmatory factor models for Likert items? *Organizational Research Methods.*

3. **McNeish, D.** & Manapat, P.D. (under review). Dynamic fit index cutoffs for hierarchical and second-order factor models. *Structural Equation Modeling.*

4. **McNeish, D.** (under review). Dynamic fit index cutoffs for factor analysis with Likert, ordinal, or binary responses. *American Psychologist.*

5. Pandika, D., Guttmannova, K., Skinner, M.L., Sanchez-Rodriguez, M., **McNeish, D.**, Morales, L.S., & Oeserle, S. (under review). Tobacco use patterns from adolescence to young adulthood among Latinx youth from rural communities. *Journal of Adolescent Health.*

RESEARCH SUPPORT

Grants & Contracts
(Active & Completed)

As Principal Investigator

1. *Extending dynamic fit index cutoffs for latent variable models*
   Principal Investigator
   Institute for Educational Sciences (IES)
   R305D220003
   Daniel McNeish, PI, Arizona State University
   2022-2025
   $557,555

2. *Assessment of the ASVAB through dynamic measurement modeling*
   Commissioned Contract
   United States Navy Research Laboratory
   Contract PR-11639169

Denis Dumas & Dan McNeish, co-recipients
2021-2022
$360,000

3. *Addressing small sample and computational issues in mixture models of repeated measures data with covariance pattern mixture models*
Principal Investigator
Institute for Educational Sciences (IES)
R305D190011
Daniel McNeish, PI, Arizona State University
2019-2021
$209,305

As Co-Investigator or Key Personnel

4. *Childhood obesity and cardiometabolic health among impoverished Mexican Americans*
Co-Investigator
National Institute on Minority Health and Health Disparities (NIH-NIMHD),
R01MD017322
Marisol Perez & Linda Luecken, MPIs, Arizona State University
2022-2027
$3,788,455

5. *Daily impact of stressful digital events during the Covid-19 pandemic*
Statistical Mentor (F31)
National Institutes on Alcohol Abuse and Alcoholism (NIH-NIAAA)
F31AA030212
Selena Quiroz, PI, Arizona State University
2022-2024
$117,495

6. *Research training in drug abuse prevention*
Co-Investigator
National Institute on Drug Abuse (NIH-NIDA)
T32DA039772
Nancy Gonzales, PI, Arizona State University
2021-2026
$2,177,478

7. *Estimating mediation effects in prevention studies*

Co-Investigator
National Institute on Drug Abuse (NIH-NIDA)
R37DA009757
David MacKinnon, PI, Arizona State University
2020-2025
$1,835,367

8. *Promoting health by understanding risk and protective factors for substance use among Latino youth in rural and small town communities in the United States*
Co-Investigator
National Institute on Drug Abuse (NIH-NIDA)
R01DA048827
Katarina Guttmannova, PI, University of Washington
2020-2024
$1,243,696

9. *The interplay of social, normative, and legal marijuana environments and marijuana and ATOD use from late childhood to young adulthood*
Co-Investigator
National Institute on Drug Abuse (NIH-NIDA)
R01DA044522
Sabrina Oesterle & Margaret Kuklinksi, MPIs, ASU & Univ. Washington
2018-2023
$4,966,151

10. *Contextual and intrapersonal influences on impaired control over drinking*
Co-Investigator
National Institute on Alcohol Abuse and Alcoholism (NIH-NIAAA)
K01AA024160
Julie Patock-Peckham, PI, Arizona State University
2020-2022
$705,615

11. *Childhood adversity in adolescent custodial grandchildren*
Statistical Mentor (F31)
National Institute of Child Health and Human Development (NIH-NICHD)
F31HD103373
Saul Castro, PI, Arizona State University
2021-2023
$107,904

12. *Applying novel technologies and methods to inform the ontology of self-regulation*
Co-Investigator
National Institute on Drug Abuse (NIH-NIDA)
UH2DA041713
Lisa Marsch & Russell Poldrack, MPIs, Dartmouth & Stanford University
2015-2021
$2,816,716

13. *Harmonizing substance use and disorder measures to facilitate multistudy analyses*
Statistician
National Institute on Drug Abuse (NIH-NIDA)
R01DA034636
Daniel Bauer, PI, University of North Carolina, Chapel Hill
2013-2018
$2,553,540

14. *Peer mechanisms in the internalizing pathway to substance use*
Statistician
National Institute on Drug Abuse (NIH-NIDA)
R01DA037215
Andrea Hussong, PI, University of North Carolina, Chapel Hill
2014-2017
$689,930

15. *The CLAVES intervention project: developing a supplemental intervention for comprehension, linguistic awareness, and vocabulary in English for Spanish speakers*
Consultant Statistician
Institute for Educational Sciences (IES)
R305A140114
Patrick Proctor, PI, Boston College
2014-2017
$1,470,182

16. *Developing a cross-age peer-tutoring program to promote the vocabulary and comprehension of English learners*
Consultant Statistician
Institute for Educational Sciences (IES)
305A110142
Rebecca Silverman, PI, University of Maryland

2011-2014
$1,500,000

Proposals Under Review

1. *Testing a multistage model of risk factors for cannabis use utilizing a measurement burst design among sexual minority women, sexual minority gender diverse individuals, and heterosexual women.*
   Statistical Consultant
   National Institute on Drug Abuse (NIH-NIDA)
   Christina Dyar, PI, Ohio State University
   2024-2029

2. *Examining a multilevel health intervention to reduce HIV risk among black men in the US deep south*
   Statistical Consultant
   National Institute on Minority Health and Health Disparities (NIH-NIMHD)
   Devin English, PI, Rutgers University
   2022-2027

3. *Amplify reading efficacy: Evaluating the impact of a widely used, supplemental, digital reading program on elementary school literacy*
   Statistical Consultant
   Institute of Educational Sciences (IES)
   Rebecca Silverman, PI, Stanford University
   2022-2027

4. *Mediators and moderators of neurophysiological indicators of cognitive control*
   Statistical Consultant
   National Institute of Mental Health (K23)
   Sarah Sperry, PI, University of Michigan
   2022-2027
   $50,000 (proposed)

Fellowships

2013-2015	Flagship Fellowship, University of Maryland
	Award: $50,000 + tuition remission
2011-2015	Dean's Fellowship, University of Maryland
	Award: $35,000 + tuition remission
2014-2015	All-S.T.A.R. Fellowship, University of Maryland

Award: $10,000

2013-2014 Merit Fellowship, University of Maryland
Award: $2,000

2010 Quantitative Analysis Center Fellowship, Wesleyan University
Award: $3,800

Travel Awards

2015 SMEP Conference Travel Award ($1500)

2013, 2015 HDQM Graduate Student Travel Grant ($400 each)

Data Awards

2017-2020 Kingsbury Research Award, NWEA
Awardees: Denis Dumas & Daniel McNeish
Award: Access to restricted data and technical support from NWEA

TEACHING & DISSEMINATION

Instructor of Record

2017- ARIZONA STATE UNIVERSITY
Course: PSY 539 Multilevel Models for Psychological Research
PSY 537 Longitudinal Growth Modeling
PSY 591 Simulation & Computation
PSY 230 Introduction to Statistics
PSY 598 Design & Data Analysis Seminar
LOWER RATINGS ARE BETTER AT ASU
Fall 2017 Evaluation (PSY 539, 29 students): 1.0 / 5.0
Fall 2018 Evaluation (PSY 539, 24 students): 1.1 / 5.0
Spr. 2019 Evaluation (PSY 230, 46 students): 1.1 / 5.0
Spr. 2019 Evaluation (PSY 230, 13 students): 1.4 / 5.0
Fall 2019 Evaluation (PSY 537, 31 students): 1.0 / 5.0
Spr. 2020 Evaluation (PSY 230, 47 students): 1.2 / 5.0
Spr. 2021 Evaluation (PSY 591, 10 students): 1.0 / 5.0
Fall 2021 Evaluation (PSY 539, 40 students): 1.0 / 5.0
Spr. 2022 Evaluation (PSY 537, 40 students): 1.0 / 5.0
Fall 2022 Evaluation (PSY 539, 36 students): 1.1 / 5.0
Fall 2022 Evaluation (PSY 598, 9 students): 1.0 / 5.0

2016 UNIVERSITY COLLEGE UTRECHT
Course: MET23 Applied Multivariate Statistics
MET2A Analysis of Behavioral Data (Psychometrics)
MET22 Applied Multivariate Statistics (MET23 + MET2A)

Spr. 2016 Evaluation (MET23, 24 students): 4.8/5.0
Spr. 2016 Evaluation (MET2A, 23 students): 4.6/5.0
Sum 2016 Evaluation (MET22, 29 students): 4.8/5.0

2012-2015 UNIVERSITY OF MARYLAND
Course: EDMS 451 Introduction to Educational Statistics
Fall 2012 Evaluation (EDMS 451, 30 students): 3.8/4.0
Spr. 2013 Evaluation (EDMS 451, 30 students): 3.9/4.0
Sum 2015 Evaluation (EDMS 451, 11 students): 3.8/4.0

Short Courses & Invited Workshops

2018 MAR *Multilevel Modeling with Small Samples,* Small Sample Solutions Conference. Utrecht, the Netherlands
Materials presented by Joop Hox
(Health issue precluded me from attending in person)

2017 AUG *Bayesian Analysis to Deal with Small Samples,* 18th European Conference on Developmental Psychology. Utrecht, the Netherlands.
Co-taught with Rens van de Schoot

2017 APR *Modeling Multilevel Data with Small Sample Sizes,* 11th International Multilevel Conference. Utrecht, the Netherlands
Co-taught with Rens van de Schoot

2016 JUL *Introduction to Structural Equation Modeling with Mplus,* Utrecht University Summer School. Utrecht, the Netherlands.
Co-taught with Rens van de Schoot and Kimberly Lek

Other

2012 Teaching Assistant, University of Maryland
Courses: EDMS 451 Introduction to Educational Statistics
EDMS 645 Quantitative Research Methods

2012 Teaching Trainee Program, University of Maryland
Course: EDMS 451 Introduction to Educational Statistics

MENTORING & ADVISING

Graduate & Postdoc Mentoring

2016 Sanne Smid (Utrecht University, secondary advisor)
2018 – 2021 Jennifer Somers (co-advisor)

Current Position: Postdoctoral Fellow, UCLA

2020 – 2022 Melissa Wolf (lab member)

Current Position: UX Research, Microsoft

2018 – Andrea Savord (primary advisor)

2021 – Xinran Liu (primary advisor)

2022 – Patrick Manapat (postdoc)

Chaired or Co-Chaired Committees (*n* = 5)

Ongoing Andrea Savord, *Dissertation* (PSY – Quant)

2021 Andrea Savord, *Comp. Exam* (PSY – Quant)

2020 Jennifer Somers, *Dissertation* (PSY – Clinical, Co-Chair = Luecken)

2020 Andrea Savord, *First-Year Project* (PSY – Quant)

2018 Daniel Coven, *Social Science Research Methods Certificate* (STP)

Committee Member (*n* = 34)

2023 Sarah Okey, *Dissertation* (PSY – Clinical, Chair = Corbin)

2023 Danielle Rodgers, *Dissertation* (PSY – Quant, Chair = Grimm)

2022 Melissa Wolf, *Dissertation,* (Quant Methods, UC-Santa Barbara)

2022 Heather Smyth, *Dissertation* (PSY- Quant, Chair = Mackinnon)

2022 Russel Houpt, *Thesis* (PSY – Quant, Chair = Grimm)

2022 Diana Alvarez Bartolo, *Thesis* (PSY-Quant, Chair = MacKinnon)

2022 Melissa Sacchetta, *Dissertation* (SHS, Chair = Gray)

2022 Molly Gardner, *Thesis* (PSY – Quant, Chair = Edwards)

2022 Sydni Basha, *Thesis* (PSY – Clinical, Chair = Gewirtz)

2021 Danielle Rodgers, *Comp. Exam* (PSY – Quant, Chair = Grimm)

2021 Leena Bui, *Dissertation* (PSY – Clinical, Chair = Chassin)

2021 Charles Van Liew, *Dissertation* (EXW, Chair = Peterson)

2021 Yixiao Dong, *Dissertation* (U. of Denver, Methods & Information Science Dept.)

2021 Heather Smyth, *Comp. Exam* (PSY – Quant, Chair = MacKinnon)

2020 Felix Muniz, *Thesis* (PSY – Quant, Chair = MacKinnon)

2020 Charles Van Liew, *Comp. Exam* (EXW, Chair = Peterson)

2020 Amanda Bruening, *Dissertation* (PSY – Clinical, Chair = Corbin)

2019 Gabriela Stegmann, *Dissertation*, (PSY – Quant, Chair = Grimm)

2019 Kimberly Fine, *Dissertation* (PSY – Quant, Chair = Grimm)

2019 Austin Blake, *Thesis* (PSY – Clinical, Chair = Chassin)

2019 Saul Castro, *Comp. Exam* (PSY – Developmental, Chair = Infurna)

2018 Kimberly Fine, *Comp. Exam* (PSY – Quant, Chair = Grimm)

2018 Gabriela Stegmann, *Comp. Exam* (PSY – Quant, Chair = Grimm)

Ongoing Molly Gardner, *Comp. Exam* (PSY – Quant, Chair = Edwards)

Ongoing Xinran Liu, *Thesis* (PSY – Quant, Chair = Anderson)

Ongoing	Sydni Basha, *Comp. Exam* (PSY – Clinical, Chair = Gewirtz)
Ongoing	Felix Muniz, *Comp. Exam* (PSY – Quant, Chair = Edwards)
Ongoing	Lindsay Chromik, *Thesis* (PSY – Clinical, Chair = Friedman)
Ongoing	Diana Alvarez Bartolo, *Comp. Exam* (PSY – Quant, Chair = Mackinnon)
Ongoing	Aubrey Rhodes, *Dissertation* (PSY – Clinical, Chair = Wolchik)
Ongoing	Lynn Muldrew, *Thesis* (PSY – Clinical, Chair= Gewirtz)
Ongoing	R.J. Risueño, *Comp. Exam* (SHS, Chair= Gray)
Ongoing	Selena Quiroz, *Dissertation* (PSY – Dev, Chair = Ha)
Ongoing	Russell Houpt, *Comp. Exam* (PSY – Quant, Chair= Grimm)

Advisee Awards

2020	Jenn Somers PEO Scholar Fellowship $15,000 external merit fellowship for academic excellence
2020	Jenn Somers ProQuest Distinguished Dissertation Award ASU Semi-Finalist
2019	Jenn Somers Doctoral Scholar Award ASU Department of Psychology
2018	Sanne Smid Award for Best Student Presentation at S4 Conference

PRESENTATIONS

(Underline indicates student author)

Invited

1. **McNeish, D**. (2022, September). Psychometrics and Intensive Longitudinal Data. Invited presentation for the Department of Biostatistics, Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD, USA.

2. **McNeish, D.** (2020, June). Growth mixture models with small samples. Invited keynote presentation delivered at the Small Sample Size Solutions (S4) conference, Utrecht, the Netherlands.
   * Conference cancelled due to COVID-19

3. **McNeish, D.** (2020, February). Growth mixture model convergence. Presented at colloquium series sponsored by the Notre Dame quantitative psychology program and the Mendoza College of Business, South Bend, IN, USA.

4. **McNeish, D.** (2017, March). *Is Bayes a solution for small samples?* Presented at colloquium series co-sponsored by the Educational Psychology and Statistics Departments, University of Connecticut, Storrs, CT, USA.

5. **McNeish, D.** (2014, November). *Clustered data mean you need multilevel models, right?* Presented at the Harvard University Graduate School of Education, Cambridge, MA, USA.

International

6. Dumas, D. & **McNeish, D.** (2019, April). *Calculating conditional reliability for dynamic measurement model capacity estimates*. Paper presented at the annual meeting of the National Council on Measurement in Education (NCME), Toronto, ON, Canada.

7. Dumas, D. & **McNeish, D**. (2019, April). *Increasing the consequential validity of reading assessment using dynamic measurement modeling*. Paper presented at the annual meeting of the American Educational Research Association (AERA), Toronto, ON, Canada.

8. **McNeish, D.** & Dumas, D. (2018, September). *Dynamic measurement modeling: using nonlinear growth models to estimate learning capacity*. Frontiers in Educational Measurement Conference, Oslo, Norway.

9. Smid, S.C., Depaoli, S., **McNeish, D.**, Miocevic, M., & van de Schoot, A.G.J. (2018, March). *Bayesian SEM with informative priors: Precautions and guidelines*. Paper presented at the Small Sample Size Solutions (S4) Conference, Utrecht, the Netherlands.
*Won award for best student talk at the conference.

10. **McNeish, D.** (2017, August). *Do Bayesian methods cure small sample issues?*. Part of a symposium on Bayesian SEM with small samples (with Smid, S.C., Zondervan-Zwijnenburg, M.A.J., Schrooten, I., & van de Schoot, A.G.J) at the 18th European Conference on Developmental Psychology, Utrecht, the Netherlands.

11. Smid, S.C., **McNeish, D.,** & van de Schoot, A.G.J. (2017, August). *Bayesian vs. maximum likelihood estimation for small samples: A systematic review*. Part of a symposium on Bayesian SEM with small samples (with Smid, S.C., Zondervan-Zwijnenburg, M.A.J., Schrooten, I., & van de Schoot, A.G.J) at the 18th European Conference on Developmental Psychology, Utrecht, the Netherlands.

12. **McNeish, D**. (2017, April). *Multilevel mediation with small samples*. Paper presented the 11th International Multilevel Conference, Utrecht, the Netherlands.

13. Elzakkers, I.F.F.M., Danner, U.N., Sternheim, L.C., **McNeish, D.**, Hoek, H.W., & van Elburg, A.A. (2016, October). *Anorexia nervosa and mental capacity: a longitudinal study*. Poster presented at the 21st annual meeting of the Eating Disorders Research Society (EDRS), Taormina, Sicily, Italy.

National

14. Oesterle, S.A., Pandika, D.M., **McNeish, D.**, & Kuklinksi, M. (2023, June). Effects of communities that care on long term alcohol use patterns from adolescence to young adulthood. Poster presented at the 46th Annual Research Society on Alcoholism (RSA), Bellevue, WA, USA.

15. **McNeish, D**., Wolf, M.G., & Manapat, P.D. (2023, June). Dynamic fit indices for generalizing and extending Hu & Bentler. Invited session presented at the Modern Modeling Methods (M3) conference, Storrs, CT, USA.

16. **McNeish, D.** & Wolf, M.G. (2022, April). *Unresolved issues with Hu and Bentler cutoffs and a method to derive more appropriate cutoffs*. Paper presented at a symposium at the annual convention for the American Educational Research Association (AERA), San Diego, CA, USA.

17. Wolf, M.G. & **McNeish, D.** (2022, April). *Dynamic model fit indices: A R Shiny application*. Paper presented at a symposium at the annual convention for the American Educational Research Association (AERA), San Diego, CA, USA.

18. Matta, T.H. & **McNeish, D.** (2022, April). *Extending the SRMR for SEMs with mean structures and covariates*. Paper presented at a symposium at the annual convention for the American Educational Research Association (AERA), San Diego, CA, USA.

19. **McNeish, D.** (2022, April). *Moving beyond Hu and Bentler: Comparing adjusted cutoffs from dynamic fit indices and equivalence testing.* Paper presented at a symposium at the annual convention for the American Educational Research Association (AERA), San Diego, CA, USA.

20. Harring, J.R., **McNeish, D.**, & Dumas, D. (2021, April). A multilevel structured latent curve model for disaggregating student and school contributions to learning. Paper presented at the multilevel modeling special interest group business meeting during the annual meeting of the American Educational Research Association (AERA).

21. Aitken, A. A., **McNeish, D**., & Graham, S. (2021, April). The mediating role of motivation between choice and writing quality. Roundtable presentation at the annual meeting of the American Educational Research Association (AERA), Virtual Presentation.

22. Dumas, D., **McNeish, D**., Roberts, G. J. (2021. April). *Conceptualizing a Nonlinear Meta-Analysis for Education Research*. Paper presented at the annual meeting of the American Educational Research Association (AERA), Virtual Presentation.

23. Blake, A.J., **McNeish, D.**, & Chassin, L. (2021, April). The influence of parent-child separation on young-adult substance use disorder: measurement and moderation as sources of heterogeneity. Poster presentation at the annual meeting of the Society for Research in Child Development (SRCD), Virtual Presentation.

24. **McNeish, D.** & Harring, J.R. (2020, July). *Improving convergence in growth mixture models*. Paper accepted at the International Meeting of the Psychometric Society (IMPS), College Park, MD, USA.
    * Conference cancelled due to COVID-19

25. Matta, T.H. & **McNeish, D.** (2020, July). *Refining the SRMR for latent growth curve models*. Paper accepted at the International Meeting of the Psychometric Society (IMPS), College Park, MD, USA.
    * Conference cancelled due to COVID-19

26. Peña, A., **McNeish, D.**, Ayers, S.L., Olson, M.L., Vander Wyst, K., Williams, A.N., Konopken, Y.P., Castro, F.G., Keller, C.S., Patrick, D.L., & Shaibi, G.Q. (2020, June). *Heterogenic response to lifestyle intervention among latino adolescents with obesity.* Paper presented to the American Diabetes Association Scientific Sessions, Chicago, IL, USA.

27. Dumas, D., **McNeish, D.**, Sarama, J., & Clements, D. (2020, April). *Pre-school mathematics intervention can significantly improve student learning trajectories through elementary school*. Paper presented at the annual meeting of the American Educational Research Association (AERA), San Francisco, CA.
    * Conference cancelled due to COVID-19

28. Dumas, D., **McNeish, D.,** Schreiber-Gregory, D., Durning, S., & Torre, D. (2020, April). *Dynamic measurement in health professions education: Rationale, application, and possibilities*. Paper presented at the annual meeting of the American Educational Research Association (AERA), San Francisco, CA, USA.
    *Conference cancelled due to COVID-19

29. **McNeish, D.**, Dumas, D., & Grimm, K.J. (2019, October). *Estimating new quantities from longitudinal test scores to improve forecasts of future performance*. Paper presented at the

59th annual meeting of the Society for Multivariate Experimental Psychology (SMEP), Baltimore, MD, USA.

30. **McNeish, D.** & Harring, J.R. (2018, October). *Covariance pattern mixture models*. Paper presented at the 58th annual meeting of the Society for Multivariate Experimental Psychology (SMEP), Albuquerque, NM, USA.

31. **McNeish, D.** & Harring, J.R. (2018, September). IH8REM: Covariance pattern mixture models. Presentation given at the Innovations in Latent Variable and Random Effects Modeling (ILVREM) Conference, Colorado Springs, CO, USA.

32. Dumas, D.G. & **McNeish, D.** (2018, August). *Dynamic measurement modeling: Using nonlinear growth models to estimate student learning capacity*. Paper presented at the annual convention for the American Psychological Association (APA), San Francisco, CA, USA.

33. Dumas, D.G. & **McNeish, D.** (2018, March). *Dynamic measurement modeling: Using non-linear growth models to estimate student learning capacity*. Part of the symposium "Prioritizing Growth But Underutilizing Growth Scales: Implications of Advances in Growth Modeling for Educational Policy and Practice" (with Yeow Meng Thum, Megan Kuhfeld, and Jim Soland) at the 15th meeting of the Society for Research of Educational Effectiveness, Washington, D.C., USA.

34. Montalbano, C., Allen, E., Greene, J. A., Murphy, P. K., Butler, A., Firetto, C. M., Wei, L., & **McNeish, D.** (2017, August). *Investigating changes in relational reasoning in small-group discourse across time and ability*. Paper presented at the 2017 annual meeting of the American Psychological Association (APA), Washington, D.C., USA

35. Smid, S., **McNeish, D.**, & van de Schoot, A.G.J. (2017, May). *Structural equation models with small samples: Bayesian vs maximum likelihood estimation*. Poster presented at the 29th Association for Psychological Science (APS) annual convention, Boston, MA, USA.

36. Smid, S., **McNeish, D.**, & van de Schoot, A.G.J. (2017, May). *Bayesian structural equation models with small samples. Part of the symposium entitled*, "What the Dutch can do with prior information" at the 2017 Modern Modeling Methods (M3) Conference, Storrs, CT, USA.

37. Muenks, K., **McNeish, D.,** & Wentzel, K. (2017, April). *Social support, goal pursuit, and classroom behavior of adolescents: a multi-level study*. Paper presented at the annual meeting of the Society for Research in Child Development, Austin, TX, USA.

38. Muenks, K., **McNeish, D.,** & Wentzel, K. (2017, April). *Social support, goal pursuit, and classroom behavior of adolescents: a multi-level study*. Paper presented at annual meeting of the American Educational Research Association (AERA), San Antonio, TX, USA.

39. Dumas, D. & **McNeish, D.** (2017, April) *Can we measure student potential?* Paper presented at the annual meeting of the American Educational Research Association (AERA), San Antonio, TX, USA.

40. Muenks, K., **McNeish, D.,** & Wentzel, K. (2016, August). *Relations between peer and teacher supports, motivation, and engagement in adolescent students*. Poster presented at the annual meeting of the American Psychological Association, Division 15, Denver, CO, USA.

41. **McNeish, D.,** & Dumas, D. (2016, May). *Non-linear growth models as measurement models: A second-order growth curve model for measuring potential.* Paper presented at the 2016 Modern Modeling Methods (M3) Conference, Storrs, CT, USA.

42. **McNeish, D.,** & Dumas, D. (2015, October). *A second-order model for understanding potential.* Poster presented at the annual meeting of the Society for Multivariate Experimental Psychology, Los Angeles, CA, USA.

43. **McNeish, D.** & Dumas, D.G. (2015, September). A second-order structured latent curve model for measuring potential. Presentation given at the Innovations in Latent Variable and Random Effects Modeling (ILVREM) Conference, Minneapolis, MN, USA.

44. **McNeish, D.**, & Harring, J.R. (2015, May). *Small sample robust model fit criteria in latent growth models with non-informative dropout*. Paper presented at the Modern Modeling Methods (M3) Conference, Storrs, CT, USA.

45. **McNeish, D.**, Radunzel, J., & Sanchez, E. I. (2015, April). *Relating non-cognitive student characteristics to ACT® scores: An application of sparsely clustered data methods.* Paper presented at the annual meeting of the American Educational Research Association (AERA), Division D: Measurement & Research Methodology, Chicago, IL, USA.

46. **McNeish, D.** (2015, April). *Using Lasso for selection and to assuage overfitting: A method long ignored in educational research.* Paper presented at the annual meeting of the American Educational Research Association (AERA), SIG: Educational Statisticians, Chicago, IL, USA.

47. **McNeish, D.**, An, J., & Hancock, G. R. (2015, April). *Factor indicator reliability and fit-indices: More evidence against golden rule cut-offs in latent variable models.* Paper

presented at the annual meeting of the American Educational Research Association (AERA), SIG: Structural Equation Modeling, Chicago, IL, USA.

48. **McNeish, D.** (2015, April). *Bayesian latent growth models with small samples: An empirical Bayes alternative using data-dependent priors*. Paper presented at the annual meeting of the American Educational Research Association (AERA), SIG: Structural Equation Modeling, Chicago, IL, USA.

49. **McNeish, D.**, & Stapleton, L. M. (2015, April). *Clustered data mean you need multilevel models, right?.* Paper presented at the annual meeting of the American Educational Research Association (AERA), SIG: Multilevel Modeling, Chicago, IL, USA.

50. **McNeish, D.** (2014, September). *Small sample inference with latent growth models.* Presented at the Innovations in Latent Variable and Random Effects Modeling Conference, Colorado Springs, CO, USA.

51. **McNeish, D.** (2014, May). *Small sample size and growth curve models in the SEM framework: Assessing model fit criteria and parameter estimate bias.* Paper presented at the 2014 Modern Modeling Methods (M3) Conference, Storrs, CT, USA.

52. **McNeish, D.** (2014, April). *Variance component adjustment for latent growth and multi-level models in an SEM framework.* Paper presented at the annual meeting of the American Educational Research Association (AERA), SIG: Structural Equation Modeling, Philadelphia, PA, USA.

53. **McNeish, D.**, & Hancock, G. R. (2014, April). *The reliability paradox in multiple sample covariance structure models.* Paper presented at the annual meeting of the American Educational Research Association (AERA), SIG: Structural Equation Modeling, Philadelphia, PA, USA.

54. **McNeish, D.** (2014, April). *A new estimation method for item parameters in IRT with small sample sizes: Applying Kaplan-Meier to item response data.* Paper presented at the annual meeting of the National Council of Measurement in Education (NCME), Philadelphia, PA, USA.

55. **McNeish, D.**, & Harring, J. R. (2013, May). *Clustered data with a small number of clusters: Comparing the performance of model-based and design based approaches.* Paper presented at the 2013 Modern Modeling Methods Conference (M3), Storrs, CT, USA.

56. **McNeish, D.**, & Stapleton, L. M. (2013, April). *The effect of the number of clusters on multilevel model estimates: A review and illustration.* Paper presented at the annual meeting of the American Educational Research Association (AERA), SIG: Multilevel Modeling, San Francisco, CA, USA.

57. Hancock, G. R., & **McNeish, D.** (2013, April). *More powerful tests of simple interaction contrasts for the two way factorial design.* Paper presented at the annual meeting of the American Educational Research Association (AERA), SIG: Educational Statisticians, San Francisco, CA, USA.

Regional

58. **McNeish, D.**, & Stemler, S. E. (2011, April). *Key components in* the *measurement of teaching excellence.* Paper presented at the annual meeting of the New England Educational Research Organization (NEERO), New Bedford, MA, USA.

59. **McNeish, D.**, Kobrin, D., Cheng, J., & Lin, Y. (2011, April). *The association between demographics and bus disciplinary status in the Middletown school district*. Poster presented at the Connecticut State Department of Education 6th Annual Data Showcase, Waterbury, CT, USA.

Institutional

60. **McNeish, D.** (2019, September). *Sum scores are factor scores.* Presented at Arizona State University for the Quantitative Design and Data Analysis seminar, Tempe, AZ, USA.

61. **McNeish, D.** (2019, January). *SEM model fit measures probably lie to you.* Presented at Arizona State University for the Quantitative Design and Data Analysis seminar, Tempe, AZ, USA.

62. **McNeish, D.** (2018, September). *Random effects are killing your mixture models.* Presented at Arizona State University for the Quantitative Design and Data Analysis seminar, Tempe, AZ, USA.

63. **McNeish, D.** (2016, February). *Lies your SEM fit indices have been telling you.* Presented at Utrecht University for the Research Methods working group, Utrecht, the Netherlands.

64. **McNeish, D.** (2016, January). *Data-dependent priors for growth models with small samples.* Presented at Utrecht University for the Bayesian Statistics working group, Utrecht, the Netherlands.

65. **McNeish, D.**, & Stapleton, L. M. (2015, October). *Clustered data: Are multilevel models really necessary?* Presented at the University of Maryland, Baltimore as part of the Maryland Longitudinal Data System Center Research Series, Baltimore, MD, USA.

66. Preston, A., Stapleton, L. M., & **McNeish, D.**, (2015, May). *Visual Representations of Data: Review and Recommendations.* Presented at the University of Maryland, Baltimore as part of the Maryland Longitudinal Data System Center Research Series, Baltimore, MD, USA.

67. **McNeish, D.**, An, J., & Hancock, G. R. (2015, March). *Factor indicator reliability and fit-indices: More evidence against golden rule cut-offs in latent variable models.* Presented at the University of Maryland, College Park as part of the Measurement, Statistics, and Evaluation program Research Day, College Park, MD, USA.

68. **McNeish, D.** (2014, December). *An EDMS student's advice for conducting research in graduate school.* Presented at the University of Maryland, College Park as part of the Monday Symposium on Measurement and Statistics, College Park, MD, USA.

69. **McNeish, D.**, Stapleton, L. M., & Preston, A. (2014, November). *Strategies for missing data in educational research.* Presented at University of Maryland, College Park as part of the Maryland Longitudinal Data System Center Research Series, Baltimore, MD, USA.

70. **McNeish, D.**, Radunzel, J., & Sanchez, E. I. (2014, August). *Relating non-cognitive student characteristics to the ACT® College Readiness Assessment.* Poster presented at Summer Intern Open House at ACT, Inc., Iowa City, IA, USA.

71. **McNeish, D.**, Radunzel, J., & Sanchez, E. I. (2014, July). *Relating non-cognitive student characteristics to the ACT® College Readiness Assessment.* Presented to the Statistical, Measurement, and Workforce Research Departments at ACT, Inc., Iowa City, IA, USA.

72. Stapleton, L. M., **McNeish, D.**, & Mao, X. (2013, December). *Approaches for causal inference in educational policy research.* Presented at University of Maryland, Baltimore as part of the Maryland Longitudinal Data System Center Research Series, Baltimore, MD, USA.

73. **McNeish, D.**, & Stapleton, L. M. (2013, April). *The effect of the number of clusters on multilevel model estimates: A review and illustration.* Paper presented at the University of Maryland Graduate Research Interaction Day (GRID), College Park, MD, USA.

74. **McNeish, D.** (2010, July). *Measuring adaptability in military personnel.* Poster

presented at the annual poster session for the Quantitative Analysis Center and Howard Hughes Medical Institute Program, Middletown, CT, USA.

WORK EXPERIENCE

2013-2015 Research Analyst, Maryland Longitudinal Data System Center
Baltimore, MD, USA
Supervisor: Laura Stapleton

2014 Statistical Research Intern, ACT, Inc.
Iowa City, IA, USA
Supervisors: Justine Radunzel and Edgar Sanchez

2013 Statistician/Psychometrics Intern, American Institutes for Research
Washington, D.C., USA
Supervisor: Harold Doran

2011-2013 Research Assistant, University of Maryland
College Park, MD, USA
Supervisor: André Rupp

2009-2011 Research Assistant, Wesleyan University Psychometric Laboratory
Middletown, CT, USA
Lab Director: Steven Stemler

2010 Research Apprentice, Wesleyan University Quantitative Analysis Center
Middletown, CT, USA
Mentor: Steven Stemler

EXTERNAL CONSULTING

- United States' Coast Guard
- United States' Department of Defense
- Ohio Attorney General
- University of Toledo, Office of Legal Affairs
- Stanford University, School of Education
- University of Denver, Morgridge School of Education

ADVANCED TRAINING

1. Introduction to Machine Learning (Utrecht Univ., 2016)
2. Multilevel Structural Equation Modeling with xxM (Univ. of Conn., 2015)

3. Cross-Classified and Multiple Membership Models (Univ. of MD, 2014)
4. Analyzing Survey Data with Missing Values (Census Bureau, 2014)
5. Bayesian Non-Parametric Regression Modeling (Univ. of Conn., 2014)
6. Introduction to Quantile Regression (Univ. of Conn, 2013)
7. Bayesian Statistical Modeling (Univ. of MD, 2013)
8. Advanced Topics in Structural Equation Modeling (Univ. of MD, 2012)
9. Introduction to Structural Equation Modeling (Univ. of MD, 2012)

SERVICE

Profession

2021 –	External tenure evaluations (4)
2020	Small Sample Size Solutions Conference, scientific committee
2018	Small Sample Size Solutions Conference, organizing committee
2016	International Multilevel Conference, organizing committee
2014	NCME Annual Meeting Session Chair
2013-2014	AERA Structural Equation Modeling SIG Newsletter

University

2022	Research Development panel on early career grant funding - Received ASU SUN Award for participating
2017	REACH Panelist: CV and cover letter writing
2019 -	~15 hours/year informal consulting with faculty and students outside psychology

Department

2021	Third-year review committee, Gi-Yeul Bae
2021	Personnel subcommittee, Roy Levy Psychology Dept. appointment
2020-2022	Faculty Evaluation Committee (FEC)
2019-2021	Planning and Advisory Committee (PAC)
2017-2018	Quantitative Methods Search Committee Member
2017 -	~50 hours/year informal consulting with faculty and students

Ad-Hoc Reviewing

Total Ad Hoc Reviews: 248 for 49 journals
Total Reviews Coordinated: 64
2023 Manuscripts Coordinated as AE: 9
2023 Reviews: 8
2022 Manuscripts Coordinated as AE: 35
2022 Reviews: 25

Methods & Statistics Journals (*n* = 28)
Annals of Applied Statistics
Applied Psychological Measurement
Behavior Research Methods
Biometrical Journal
BMC Medical Research Methodology
British Journal of Mathematical and Statistical Psychology
Communications in Statistics: Simulation and Computation
Clinical Trials
Educational and Psychological Measurement
Epidemiologic Methods
Frontiers in Applied Mathematics & Statistics
Journal of Applied Statistics
Journal of Classification
Journal of Educational and Behavioral Statistics
Journal of Experimental Education
Journal of Statistical Simulation and Computation
Journal of Survey Statistics and Methodology
Journal of the American Statistical Association
Measurement: Interdisciplinary Research and Perspectives
Methodology
Multivariate Behavioral Research
Organizational Research Methods
Psychological Methods
Psychometrika
Statistical Methods in Medical Research
Statistics in Medicine
Statistical Papers
Structural Equation Modeling

Empirical Journals (*n* = 21)
American Educational Research Journal
American Psychologist
Annals of Behavioral Medicine
Child Development
Contemporary Educational Psychology
Developmental Psychology
Educational Psychologist
European Journal of Work and Organizational Psychology
Evaluation Review

Group Dynamics
Journal of Clinical Child and Adolescent Psychology
Journal of Counseling Psychology
Journal of Consulting and Clinical Psychology
Journal of Educational Psychology
Journal of Personality Assessment
The Leadership Quarterly
Perspectives on Psychological Science
Prevention Science
Psychological Science
Review of Educational Research
Studies in Higher Education

Conferences
Advances in Multilevel Modeling for Educational Research
Society for Multivariate Experimental Psychology

Book Series
Guilford Press, Methodology in Social Sciences Series
Routledge, Multivariate Applications Book Series

Grant Proposals
Dutch Research Council (NWO); Vidi Program
National Science Foundation (NSF); Methodology, Measurement, and Statistics program