

Curriculum Vitae

Therese (Terri) Deocampo Pigott, Ph.D.

Georgia State University

School of Public Health & College of Education and Human Development

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EDUCATION

Ph.D. in Measurement, Evaluation and Statistical Analysis, Department of Education, University of Chicago, Illinois, 1992

Dissertation: *The application of normal maximum likelihood methods to missing data in meta-analysis*. Advisor: Larry V. Hedges

B.A. in Psychology with Highest Honors, University of Notre Dame, Notre Dame, Indiana, 1983

PROFESSIONAL EXPERIENCE

Professor, School of Public Health and College of Education and Human Development, Georgia State University (August 2019 - present)

Adjunct Professor, Knowledge Centre for Education, University of Stavanger, Stavanger, Norway (October 2021 – present)

Associate Provost for Research, Loyola University Chicago (2017 – 2019).

Dean, School of Education, Loyola University Chicago (2015 – 2017).

Interim Dean, School of Education, Loyola University Chicago (2014 - 2015).

Associate Dean, School of Education, Loyola University Chicago (2013 –2014).

Professor, School of Education, Research Methodology Program, Loyola University Chicago (2011 – 2019)

Associate Professor, School of Education, Research Methodology Program, Loyola University Chicago (2004 – 2011)

Assistant Professor, School of Education, Research Methodology Program, Loyola University Chicago (1998 – 2004)

Associate Program Officer, The Spencer Foundation, Chicago, Illinois (1996 – 1998)

Responsible for administering the Small Grants Program, and reviewing 40% of the applications to the Major Grants Program under Dr. Rebecca Barr

Associate Professor, Department of Educational Foundations, National College of Education, National-Louis University, Evanston, Illinois (1996 – 1998, on leave)

Assistant Professor, Department of Educational Foundations, National College of Education, National-Louis University, Evanston, Illinois (1990 – 1996)

Instructor, Department of Education, University of Chicago, Chicago, Illinois. (1992)

FUNDED GRANTS (AS PI)

National Science Foundation, *Modern Meta-analysis Research Institute* (PI), \$640,000 (2023 – 2026)

Institute of Education Sciences, *Meta-analysis Training Institute* (PI), \$799,000 (2022-2025)

National Science Foundation, *Modern Meta-analysis Research Institute* (PI), \$791,000 (2019 – 2023)

Institute of Education Sciences, *Meta-analysis Training Institute* (PI), \$797,760 (2017-2022)

International Baccalaureate Organization, *Research synthesis of IB studies* (PI), \$30,000 (2016-2017)

National Science Foundation, *Methods for synthesizing regression models: The case of educational production functions* (Co-PI with Dr. Meng-Jia Wu), \$287,468 (2007 – 2012)

Chicago Community Trust, *Evaluation of District 65's Reading Coach Initiative* (PI), \$50,000 (2005)

The Spencer Foundation, *Snapshot of the Chicago Public Schools AMPS Program* (PI), \$50,000 (2005)

American Educational Research Association Grants Program, *Correlates of success in kindergarten using the Early Childhood Longitudinal Study* (PI) (2002 – 2003)

The Spencer Foundation Grants Program, *Perceptions of adjustment to kindergarten in the Early Childhood Longitudinal Study* (PI) (2000 – 2001)

GRANT-FUNDED RESEARCH (AS CO-PI OR CONSULTANT)

National Science Foundation, *Postdoctoral Fellowship in Systematic Reviews and Meta-Analyses*, (PI: Jonté Myers), \$1,207,522.

Institute of Education Sciences, *University of Texas San Antonio (UTSA) Pathways to Education Research Training Program*. Role is to teach systematic review to Pathways Fellows. (2022 – 2026).

National Science Foundation, *ECR Core Research Hub*. Lead PI: American Institutes for Research. Role is to lead Task 5: Support for all NSF-funded BCSEER Research Institutes. (2022 – 2027).

Centers for Disease Control and Prevention, *Modeling HIV, Viral Hepatitis, STI, and TB to Improve Public Health – CAMP 2.0: The Coalition for Applied Modeling for Prevention*. Lead PI: University of Albany. Role is to support living systematic review to estimate overdose among people who inject drugs. (2021 – 2023).

FELLOWSHIPS AND AWARDS

American Educational Research Association Fellow (April 2023)

School of Public Health Exceptional Service Award (May 2023)

The Leonard E. Gibbs Award for Outstanding Contribution to Evidence-Based Practice, Campbell Collaboration Social Welfare Coordinating Group given for Littell et al. (2021) (October 2022)

Outstanding reviewer award, *Review of Education Research* (April 2022)

Outstanding reviewer award, *Review of Education Research* (April 2018)

Frederick Mosteller Award for Distinctive Contributions to Systematic Reviewing, Campbell Collaboration (2017)

Outstanding reviewer award, *Educational Evaluation and Policy Analysis* (April 2005)

Tuition Scholarships, Department of Education, University of Chicago (1983 – 1986)

Honors on Preliminary Exams, Department of Education, University of Chicago (1985)

Phi Beta Kappa (1983)

PUBLICATIONS**Journal Articles**

- Birkenmaier, J., Kim, Y., Maynard, B. R., & Pigott, T. (2024). The effects of tax-time interventions on savings rate and amount: A systematic review and meta-analysis. *Research on Social Work Practice, 34*(3), 293-313. <https://doi.org/10.1177/10497315231173380>
- Golan, O. K., Sheng, F., Dick, A. W., Sorbero, M., Whitaker, D. J., Andraka-Christou, B., Pigott, T., Gordon, A. J., & Stein, B. D. (2023). Differences in medicaid expansion effects on buprenorphine treatment utilization by county rurality and income : A pharmacy data claims analysis from 2009-2018. *Drug and Alcohol Dependence Reports, 9*. <https://doi.org/10.1016/j.dadr.2023.100193>
- Lee, N., Pigott, T. D., Watson, A., Reuben, K., O'Hara, K, Massetti, G., Fan, X., & Self-Brown, S. (2023). Childhood polyvictimization and its associated health outcomes: A systematic scoping review. *Trauma, Violence, and Abuse, 24*(3), 1579 – 1592. <https://doi.org/10.1177%2F15248380211073847>
- Littell, J. H., Gorman, D. M., Valentine, J. C., & Pigott, T. D. (2023). PROTOCOL: Assessment of outcome reporting bias in studies included in Campbell systematic reviews. *Campbell Systematic Reviews, 19*(2), e1332. <https://doi.org/10.1002/cl2.1332>
- Littell, J. H., Pigott, T. D., Nilsen, K. H., Roberts, J. & Labrum, T. K. (2023). Functional Family Therapy for families of youth (age 11-18) with behaviour problems: A systematic review and meta-analysis, *Campbell Systematic Reviews, 19*(3), e1324. <https://doi.org/10.1002/cl2.1324>
- Suh, H. N. Pigott, T., Rice, K., Davis, D. E., & Andrade A. C. (2023). Meta-analysis of the relationship between self-critical perfectionism and depressive symptoms: Comparison between Asian American and Asian international college students. *Journal of Counseling Psychology., 70*(2), 203-211. <https://psycnet.apa.org/doi/10.1037/cou0000653>
- Vembye, M. H., Pustejovsky, J. E., & Pigott, T. D. (2023). Power approximations for overall average effects in meta-analysis with dependent effect sizes. *Journal of Educational and Behavioral Statistics 48*(1), 70-102. <https://doi.org/10.3102/10769986221127379>
- Golan, O. K., Totaram, R., Perry, E., Fortson, K., Rivera-Atilano, R., Entress, R., Golan, M., Andraka-Christou, B., Whitaker, D., Pigott, T. (2022). Systematic review and meta-analysis of changes in quality of life following initiation of buprenorphine for opioid use disorder. *Drug and Alcohol Dependence, 235*. <https://doi.org/10.1016/j.drugalcdep.2022.109445>
- Lui, P. P., Chmielewski, M., Trujillo, M., Morris, J. & Pigott, T. D. (2022). Linking Big Five personality domains and facets to alcohol (mis)use: A systematic review and meta-analysis. *Alcohol and Alcoholism, 57*(1), 58-73. <https://doi.org/10.1093/alcalc/agab030>
- Myers, J. A., Witzel, B. S., Powell, S. R., Li, H., Pigott, T., Xin, Y. P., & Hughes, E. M. (2022). A meta-analysis of mathematics word-problem solving interventions for elementary students who evidence mathematics difficulties. *Review of Educational Research, 92*(5). <https://doi.org/10.3102%2F00346543211070049>
- Schauer, J. M., Lee, J., Diaz, K., & Pigott, T. D. (2022). On the bias of complete- and shifting-case meta-regressions with missing covariates. *Research Synthesis Methods, 13*(4), 489-507. <https://doi.org/10.1002/jrsm.1558>

- Schauer, J. M., Diaz, K., Pigott, T. D., & Lee, J. (2022). Exploratory Analyses for Missing Data in Meta-Analyses and Meta-Regression: A Tutorial. *Alcohol and Alcoholism*, 57(1), 35-46. <https://doi.org/10.1093/alcalc/agua144>
- Taylor, J., Pigott, T. D., & Williams, R. T. (2022). Promoting knowledge accumulation about intervention effects: Exploring strategies for standardizing statistical approaches and effect size reporting. *Educational Researcher*, 51(1), 72-80. <https://doi.org/10.3102%2F0013189X211051319>
- Sharma Waddington, H., Aloe, A., Pigott, T., Stewart, G., Tugwell, P., Welch, V., & Wilson, D. (2022). Quasi-Experiments are a Valuable Source of Evidence about Effects of Interventions, Programmes and Policies: Commentary from the Campbell Collaboration Study Design and Bias Assessment Working Group. *Journal of Clinical Epidemiology*, S0895435622002773. <https://doi.org/10.1016/j.jclinepi.2022.11.005>
- Atit, K., Power, J. R., Pigott, T., Lee, J. Geer, E. A., Uttal, D. H., Ganley, C. M. & Sorby, S. A. (2021). Examining the relations between spatial skills and mathematics performance: A meta-analysis. *Psychonomic Bulletin & Review*. <https://doi.org/10.3758/s13423-021-02012-w>
- Littell, J. H., Pigott, T. D., Nilsen, K. H., Green, S. J., & Montgomery, O. L. K. (2021). Multisystemic Therapy® for social, emotional, and behavioural problems in youth age 10 to 17: An updated systematic review and meta-analysis. *Campbell Systematic Reviews*, 2021; 17:e1158. <https://doi.org/10.1002/cl2.1158> (Winner of 2021 Leonard E. Gibbs Award)
- Keenan, C., Miller, S., Hanratty, J., Pigott, T., Hamilton, J., Coughlan, C., Mackie, P., Fitzpatrick, S. & Cowman, J. (2021). Accommodation-based interventions for individuals experiencing, or at risk of experiencing, homelessness. *Campbell Systematic Reviews*, 17(2). <https://doi.org/10.1002/cl2.1165>
- Pigott, T. D., Tocci, C., Ryan, A. M. & Galliher, A. (2021). Quality of research evidence in education: How do we know? *Review of Research in Education*, 45, vii – xi. <https://doi.org/10.3102%2F0091732X211001824>
- Pigott, T. D. & Polanin, J. R. (2020). Methodological guidance paper: High-quality meta-analysis in a systematic review. *Review of Educational Research*, 90(1), 24-46. <https://doi.org/10.3102/0034654319877153>
- Polanin, J. R., Pigott, T. D., Espelage, D. L. & Grotmeter, J. (2019). Best practice guidelines for abstract screening large-evidence systematic reviews and meta-analyses. *Research Synthesis Methods*, 10, 330-342, <https://doi.org/10.1002/jrsm.1354>
- Pigott, T. D. et al. (2017). AHRQ series on complex intervention systematic reviews - Paper 5: Advanced analytic methods. *Journal of Clinical Epidemiology*, 90, 37-42.
- De La Rue, L., Polanin, J. R., Espelage, D. L. & Pigott, T. D. (2017). A meta-analysis of school-based interventions aimed to prevent or reduce violence in teen dating relationships. *Review of Educational Research*, 87, 7 – 34.
- Hedges, L. V., Pigott, T. D., Polanin, J. R., Ryan, A. M., Williams, R. & Tocci, C. (2016). The question of school resources and student achievement: A history and reconsideration. *Review of Research in Education: Centennial Edition*, 40, 143-168.
- Spier, E., Britto, P., Pigott, T., Roehlkepartain, E., McCarthy, M. Kidron, Y., Glover, J., Wagner, D., Lane, J. & Song, M. (2016). Parental, familial, and community support interventions to

- improve children's literacy in developing countries: A systematic review. *Campbell Systematic Reviews*, 12(4).
- Sterne J. A. C., Hernán, M. A., Reeves, B. C., Savović, J., Berkman, N.D., Viswanathan, M., Henry, D., Altman, D.G., Ansari, M.T., Boutron, I., Carpenter, J.R., Chan, A.W., Churchill, R., Deeks, J.J., Hróbjartsson, A., Kirkham, J., Jüni, P., Loke, Y. K., Pigott, T. D., Ramsay, C. R., Regidor, D., Rothstein, H. R., Sandhu, L., Santaguida, P. L., Schünemann, H. J., Shea, B., Shrier, I., Tugwell, P., Turner, L., Valentine, J. C., Waddington, H., Waters, E., Wells, G. A., Whiting, P. F., Higgins, J. P. T. (2016). ROBINS-I: a tool for assessing risk of bias in non-randomized studies of interventions. *BMJ*, 355, i4919; doi: 10.1136/bmj.i4919
- Maynard, B. R., Heyne, D., Brendel, K. E., & Bulanda, J. J., Thompson, A. M. & Pigott, T. D. (2015). Treatments for school refusal among children and adolescents: A systematic review and meta-analysis. *Research on Social Work Practice*. doi:10.1177/1049731515598619
- Polanin, J. & Pigott, T. (2015). The use of meta-analytic statistical significance testing. *Research Synthesis Methods*, 6, 63-73.
- Pigott, T., & Shepperd, S. (2013). Identifying, documenting, and examining heterogeneity in systematic reviews of complex interventions. *Journal of Clinical Epidemiology*, 66(11), 1244-1250.
- Pigott, T. D., Valentine, J. C., Polanin, J., Williams, R. & Canada, D. (2013). Outcome bias in education research. *Educational Researcher*, 42, 424-432.
- Maynard, B. R., McCrea, K. T., Pigott, T. D., & Kelly, M. S. (2013). Indicated truancy interventions for chronic truant students: A Campbell Systematic Review. *Research on Social Work Practice*, 23, 5-12.
- Polanin, J., & Pigott, T. (2013). The Campbell Collaboration's systematic review and meta-analysis online training videos. *Research on Social Work Practice*, 23(2), 229-233.
- Pigott, T. D., Williams, R., & Polanin, J. (2012). Combining individual participant and aggregated data in a meta-analysis with correlations. *Research Synthesis Methods*, 3(4), 257-268.
- Hong, P., Polanin, J.R., & Pigott, T.D. (2012). Validation of the employment hope scale: Measuring psychological self-sufficiency among low-income jobseekers. *Social Work Practice*, 22(3), 323-332.
- Polanin, J., Espelage, D., & Pigott, T. D. (2012). A meta-analysis of school-based bullying prevention programs' effects on bystander intervention behavior. *School Psychology Review*, 41(1), 47-65.
- Aloe, A. M., Becker, B. J., & Pigott, T. D. (2011). An alternative to R^2 for assessing linear models of effect size. *Research Synthesis Methods*, 1, 272-283.
- Valentine, J. C., Pigott, T. D., & Rothstein, H. (2010). How many studies do you need? A primer on statistical power for meta-analysis. *Journal of Educational and Behavioral Statistics*, 35, 215-247.
- Pigott, T. D. & Wu, M.-J. (2008). Methodological issues in meta-analyzing standard deviations: Comment on Bond and De Paulo (2008). *Psychological Bulletin*, 134, 498-500.
- Pigott, T. D., & Israel, M. S. (2005). Head Start children's transition to kindergarten: Evidence from the Early Childhood Longitudinal Study. *Journal of Early Childhood Research*, 3, 77-104.

- Velsor-Friedrich, B. & Pigott, T. D. (2005). A practitioner-based asthma intervention program with African American inner-city school children. *Journal of Pediatric Health Care, 19*, 163-71.
- Hedges, L. V. & Pigott, T. D. (2004). The power of statistical tests for moderators in meta-analysis. *Psychological Methods, 9*, 426-445.
- Velsor-Friedrich, B., Pigott, T. D., Srof, B., & Froman, R. (2004). The asthma belief survey: Development and testing. *Journal of Nursing Measurement, 12*, 7-19.
- Pigott, T. D. (2001). Review of methods for missing data. *Educational Research and Evaluation, 7*, 353-384.
- Pigott, T. D. (2001). Methods for missing data in meta-analysis. *Evaluation in the Health Professions, 24*, 277-307.
- Hedges, L. V. & Pigott, T. D. (2001). Power analysis in meta-analysis. *Psychological Methods, 6*, 203-217.
- Guskey, T. R. & Pigott, T. D. (1988). Research on group-based mastery learning programs: A meta-analysis. *Journal of Educational Research, 81*, 197-216.

Under Review

- Shealey, J. Y., Hall, E. W., Pigott, T. D., Crepaz, N., Buchacz, K., Rosenberg, E. S., & Bradley, H. (under review). Systematic review and meta-analysis to estimate the burden of fatal and non-fatal overdose among people who inject drugs.

Book

- Pigott, T. D. (2012). *Advances in meta-analysis*. New York, NY: Springer-Verlag.

Book Chapters

- Valentine, J. C., Pigott, T. D. & Morris, J. (2023). Meta-analysis. In H. Cooper, M. N. Coutanche, L. M. McMullen, A. T. Panter, D. Rindskopf & K. J. Sher (Eds.), *APA Handbook of Research Methods in Psychology, Volume 3: Data analysis and research publication (2nd ed.)*. Washington, D.C.: APA. ISBN: 978-1-4338-4123-1
- Pigott, T. D. (2020). Power of statistical tests for subgroup analysis in meta-analysis. In N. Ting, J. C. Cappelleri, S. Ho & D.-G. Chen, *Design and Analysis of Subgroups with Biopharmaceutical Applications*. Springer.
- Pigott, T. D. (2019). Handling missing data. In H. Cooper, L. V. Hedges & J. C. Valentine (Eds.). *The Handbook for Research Synthesis and Meta-analysis (3rd ed.)*. New York: Russell Sage.
- Pigott, T. D. & Prasse, D. P. (2018). Teaching, learning and leading with schools and communities: Teacher education policy for the 21st century. In A. J. Heineke & A. M. Ryan (eds.). *Teaching, Learning, and Leading with Schools and Communities: Field-based teacher education*. New York, NY: Routledge.
- Pigott, T. D., Williams, R. T. & Valentine, J. C. (2017). Selective outcome reporting and research quality. In Matthew C. Makel and Jonathon C. Plucker (Eds.), *Toward a more perfect psychology: Improving trust, accuracy and transparency in research*. Washington, DC: American Psychological Association.

- Williams, R. T., Polanin, J. R., & Pigott, T. D. (2017). Meta-analysis and reproducibility. In Matthew C. Makel and Jonathon C. Plucker (Eds.), *Toward a more perfect psychology: Improving trust, accuracy and transparency in research*. Washington, DC: American Psychological Association.
- Pigott, T. D. (2017). The role of theory in quantitative data analysis. In *The British Educational Research Association/SAGE Handbook of Educational Research*. Thousand Oaks, CA: Sage Publications.
- Pigott, T. D. & Polanin, J. (2012). Educational assessment. In Schuerman, P. & Guthrie, J. (eds.). *Oxford Bibliography Online: Education*. (<http://oxfordbibliographiesonline.com/>)
- Pigott, T. D. & Wong, K. (2010). Using large-scale databases in reading disabilities research. In R. Allington (Ed.). *Handbook of Reading Disabilities Research*. Mahwah, NJ: Erlbaum.
- Pigott, T. D. (2009). Research synthesis and public policy. In D. N. Plank, W. E. Schmidt & G. Sykes (Eds.). *AERA Handbook on Education Policy Research*. Washington, D. C.: AERA.
- Sutton, A. J. & Pigott, T. D. (2005). Reporting bias and missing data in meta-analysis. In H. Rothstein, A. J. Sutton & M. Borenstein (Eds.). *Publication bias in meta-analysis*. London: John Wiley.
- Lowe, A., Pigott, T. D. & Edmonson, H. (2004). Meeting the needs of students. In S. D. Lenski & W. L. Black (Eds.). *Transforming teacher education through partnerships: The Illinois Professional Learners' Partnership*. Lewiston, NY: The Edwin Mellen Press.
- Pigott, T. D. & Barr, R. (1999). Studying programmatic interventions. In M. Kamil, R. Barr, D. Pearson & P. Mosenthal (Eds.). *The Handbook of Research on Reading*. (3rd ed.). Hillsdale, NJ: Lawrence Erlbaum.
- Pigott, T. D. & Muirhead, B. (1999). Proceedings from the 5th annual NHSA research track: Teacher self-expression in the pre-primary classroom as a catalyst for children's self-expression. *NHSA Dialog*, 3, 86-94.
- Handler, M. & Pigott, T. D. (1995). Technology preparation for preservice teachers: Do they feel prepared for 21st century classrooms? In J. D. Tinsley & T. J. van Weert (Eds.), *Proceedings of the Sixth IFIP World Conference on Computers in Education* (pp. 1045-1056). New York, NY: Chapman & Hall.
- Pigott, T. D. (1994). Methods for missing data in research synthesis. In H. Cooper & L. V. Hedges (Eds.). *Handbook for Research Synthesis*. New York: Russell Sage.

Book Reviews

- Rücker, G., Schwarzer, G., & Pigott, T. D. (2021). Handbook of Meta-Analysis (Eds: C. H. Schmid, T. Stijnen, I. R. White). *Research Synthesis Methods*, 12(2), 260–262.
<https://doi.org/10.1002/jrsm.1474>
- Pigott, T. D. (2016). Review of Trivellore Raghunathan, *Missing data in practice*. *Journal of Biopharmaceutical Statistics*, 26(6), 1146-1147.
- Pigott, T. D. (2010). Review of three introductory texts for meta-analysis. *Research Synthesis Methods*, 1, 88-96.
- Pigott, T. D. (2006). Review of J. E. Hunter & F. L. Schmidt, *Methods of meta-analysis (2nd ed.)*, *Evaluation and Program Planning*, 29, 236-7.

INVITED PRESENTATIONS

- Pigott, T. (2023, November). Presentation on meta-analysis for the Knowledge Centre for Education, University of Stavanger, Stavanger, Norway.
- Pigott, T. (2023, June). Webinar on meta-analysis for the Society for Research on Educational Effectiveness.
- Pigott, T. (2023, May). 3-day Doctoral course on meta-analysis for the Knowledge Centre for Education, University of Stavanger, Stavanger, Norway
- Pigott, T. (2022, October). Presentation on meta-analysis for the Knowledge Centre for Education, University of Stavanger, Stavanger, Norway.
- Pigott, T. (2022, October). Presentation on meta-analysis for The Arctic University of Norway in Tromsø, Norway, sponsored by the Knowledge Centre for Education, University of Stavanger, Stavanger, Norway.
- Pigott, T. (2022, September). Invited discussant for *The Future is Now: Advancing and Sustaining an Equity-Oriented Science Symposium*. National Academies of Sciences, Engineering and Medicine, Washington, DC.
- Pigott, T. (2022, May). Workshop on exploring heterogeneity in meta-analysis for the Knowledge Centre for Education, University of Stavanger, Stavanger, Norway.
- Pigott, T. (2021, October). Online workshop on meta-analysis for the Knowledge Centre for Education, University of Stavanger, Stavanger, Norway.
- Pigott, T. (2021, April). Online workshop on meta-regression for the Center for International Student Assessment (ZIB), Technical University Munich, Munich, Germany.
- Pigott, T. (2021, April). Introduction to systematic review and meta-analysis. Presentation to the University of Pennsylvania IES Predoctoral Training Program fellows, affiliates and Penn community members.
- Pigott, T., Polanin, J. & Williams, R. (2021, February). Modern Meta-Analysis Research: Introduction to modern meta-analysis methods. Workshop sponsored by the AERA-ICPSR Partnership for Expanding Education Research in STEM (PEERS) Data Hub.
- Pigott, T. D. (2019, December). Using ProQuest database in systematic review and meta-analysis. Annual meeting of the Council of Graduate Schools, Nashville, TN.
- Pigott, T. D. (2019, May). Considerations for power in meta-analysis. Research Synthesis 2019 conference. Dubrovnik, Croatia.
- Pigott, T. D., Polanin, J. R., Tipton, E. & Williams, R. T. (2019, January). The Meta-Analysis Training Institute. Annual IES PI Meeting, Washington, DC.
- Pigott, T. D. & Polanin, J. R. (2018, December). Systematic review and meta-analysis. National Science Foundation. Alexandria, VA
- Pigott, T. D. (2018, March). Using systematic review and meta-analysis to strengthen education research. The Institute of Education Sciences 2018 Lecture/Workshop Series. Washington, DC.
- Pigott, T. D. (2017, June). Learning from the past: Systematic reviews in education. Invited talk for the launch of the Campbell UK & Ireland Centre. Queen's University Belfast, Northern Ireland, UK.

- Pigott, T. D. (2016, November). Patterns of Diploma Programme outcomes: A meta-analysis. Invited address to the 2016 Higher Education Symposium of the International Baccalaureate Organization, Tufts University, Medford, MA.
- Pigott, T. D. (2015, July). Invited talk on synthesizing evidence on system innovations in health care and public health. Evaluation London 2015, London, United Kingdom.
- Pigott, T. D. (2015, June). Invited talk on meta-regression for studying heterogeneous results of complex interventions. Special meeting of the Evidence Practice Centers for the Agency for Healthcare Research and Quality, Rockville, MD.
- Pigott, T. D. (2015, April). Invited talk on replication in educational research, Annual Meeting of the American Educational Research Association, Chicago, Illinois.
- Pigott, T. D. (2013, April). Invited talk at the United Kingdom Evaluation Society (UKES) on research synthesis.
- Pigott, T. D. (2013, February). Invited talk at the Center for Research Methods and Data Analysis, University of Kansas, on methods for meta-analysis.
- Pigott, T. D. (2007, April). Invited presenter for pre-session on *Complementary Methods in Education Research*. Annual Meeting of the American Educational Research Association, Chicago, IL.
- Pigott, T. D. (2005, August). Invited discussant at the Nordic Campbell Collaboration Center in Copenhagen, Denmark
- Pigott, T. D. (2005, February). Analysis of variance and regression models in meta-analysis. Invited talk given at the Annual Meeting of the Campbell Collaboration in Lisbon, Portugal.
- Becker, B. J. & Pigott, T. D. (2003, February). The essentials for conducting C2 systematic reviews. Invited talk given at the Third Annual Campbell Collaboration Colloquium, Stockholm, Sweden.
- Becker, B. J. & Pigott, T. D. (2002, September). What do I need to know to help others do a Campbell Collaboration review? Invited talk given at the 1st Annual Campbell Collaboration Methods Conference, Baltimore, MD.
- Rothstein, H. & Pigott, T. D. (2002, September). Given publication bias, missing data and coder unreliability, does Campbell Collaboration data really resemble population data? Invited talk given at the 1st Annual Campbell Collaboration Methods Conference, Baltimore, MD.
- Becker, B. J. & Pigott, T. D. (2001, April). Conveners and discussants for Meta-Analysis: 20 years of progress, Presidential Invited Session of the Annual Meeting of the American Educational Research Association, Seattle, Washington.
- Pigott, T. D. (1998, October). Recent controversies in research synthesis. Invited address to the Northeastern Illinois Chapter of the American Statistical Association, Skokie, Illinois.
- Barr, R. & Pigott, T. D. (1998, April). Educational research funding sources. Symposium at the Annual Meeting of the American Educational Research Association, San Diego, California.

INVITED META-ANALYSIS TRAINING

- Pigott, T. D., Williams, R., Beretvas, N., & Van Den Noortgate, W. (2023, June). Online workshop on advanced methods for meta-analysis. Annual Meeting of the American Educational Research Association.

- Dent, A., Pigott, T. D., Polanin, J. R., & Taylor, J. (2023, April). Introduction to systematic review and meta-analysis. Professional Development Workshop at the annual meeting of the American Educational Research Association, Chicago, IL.
- Pigott, T. D., Williams, R., Beretvas, N., & Van Den Noortgate, W. (2022, June). Online workshop on advanced methods for meta-analysis. Annual Meeting of the American Educational Research Association.
- Dent, A., Pigott, T. D., Polanin, J. R., & Taylor, J. (2022, April). Introduction to systematic review and meta-analysis. Professional Development Workshop at the annual meeting of the American Educational Research Association, San Diego, CA.
- Pigott, T. D., Williams, R., Beretvas, N., & Van Den Noortgate, W. (2021, April). Workshop on advanced methods for meta-analysis. Annual Meeting of the American Educational Research Association.
- Dent, A., Pigott, T. D., Polanin, J. R., & Taylor, J. (2020, June). Introduction to systematic review and meta-analysis. Professional Development Workshop for the American Educational Research Association, <https://aera.elevate.commpartners.com/products/rl-4-introduction-to-systematic-review-and-meta-analysis>
- Pigott, T. D. & Valentine, J. C. (2019, October). Introduction to meta-analysis. What Works Global Summit, Mexico City, Mexico.
- Pigott, T. D. (2019, April). Introduction to network meta-analysis. Queen's University Belfast, Northern Ireland, UK.
- Beretvas, N., Pigott, T. D., & Williams, R. (2019, April). Full-day workshop on advanced methods in meta-analysis, Annual Meeting of the American Educational Research Association, Toronto, Canada.
- Dent, A., Pigott, T. D., Polanin, J. R., & Taylor, J. (2019, April). Full-day workshop on systematic review and meta-analysis, Annual Meeting of the American Educational Research Association, Toronto, Canada.
- Pigott, T. D. (2019, March) Basic Steps and Procedures for a Campbell Systematic Review. Webcast for the Center on Knowledge Translation for Disability and Rehabilitation Research at American Institutes for Research. Available at <https://ktdrr.org/training/webcasts/webcast66/index.html>
- Pigott, T. D., Polanin, J. R., Tipton, E. (2019, March). Advanced Meta-analysis. Annual meeting of the Society for Research on Educational Effectiveness. Washington, D.C.
- Pigott, T. D. (2019, February). Overview of Systematic Review and Research Synthesis. Webcast for the Center on Knowledge Translation for Disability and Rehabilitation Research at American Institutes for Research. Available at <https://ktdrr.org/training/webcasts/webcast65/index.html>
- Pigott, T. D., Polanin, J. R. & Williams, R. (2018, April). Full-day workshop on advanced methods in meta-analysis, Annual Meeting of the American Educational Research Association, New York, NY.
- Dent, A., Pigott, T. D., Polanin, J. R., & Taylor, J. (2018, April). Full-day workshop on systematic review and meta-analysis, Annual Meeting of the American Educational Research Association, New York, NY.
- Pigott, T. D. (2017, June). Introduction to meta-analysis. Queen's University Belfast, Northern Ireland, UK.

- Pigott, T. D., Polanin, J. R., Williams, R. & Aloe, A. (2017, April). Full-day workshop on advanced methods in meta-analysis, Annual Meeting of the American Educational Research Association, San Antonio, TX.
- Dent, A., Pigott, T. D., Polanin, J. R., & Taylor, J. (2017, April). Full-day workshop on systematic review and meta-analysis, Annual Meeting of the American Educational Research Association, San Antonio, TX.
- Pigott, T. D., Polanin, J. R., Card, N., & Taylor, J. (2016, April). Full-day workshop on systematic review and meta-analysis, Annual Meeting of the American Educational Research Association, Washington, D.C.
- Pigott, T. D., Polanin, J. R., Williams, R. & Aloe, A. (2016, April). Full-day workshop on advanced methods in meta-analysis, Annual Meeting of the American Educational Research Association, Washington, D.C.
- Pigott, T. D., Polanin, J. R. & Williams, R. (2015, April). Full-day workshop on systematic review and meta-analysis, Annual Meeting of the American Educational Research Association, Chicago, Illinois.
- Pigott, T. D., Polanin, J. R. & Williams, R. (2014, April). Full-day workshop on systematic review and meta-analysis, Annual Meeting of the American Educational Research Association, Philadelphia, Pennsylvania.
- Pigott, T. D., Polanin, J. R. & Williams, R. (2013, April). Full-day workshop on systematic review and meta-analysis, Annual Meeting of the American Educational Research Association, San Francisco, California.
- Pigott, T. D. (2012, May). Invited workshops on advanced meta-analysis, Campbell Collaboration Colloquium, Denmark, Copenhagen.
- Pigott, T. D. (2011, August). Invited workshops on fixed and random effects models, and on effect sizes in cluster randomized trials. Campbell Collaboration Colloquium, George Mason University, Fairfax, VA
- Littell, J. & Pigott, T. D. (2011, August). Invited workshop presentations on systematic reviews. University of the Free State, Bloemfontein, South Africa and Pretoria, South Africa.
- Pigott, T. D. (2011, June). Invited workshop presentations on systematic reviews. The International Centre for Diarrhoeal Disease Research, Dhaka, Bangladesh
- Littell, J. & Pigott, T. D. (2010, August). Invited workshop presentations on systematic reviews. University of the Free State, Bloemfontein, South Africa and Cape Town, South Africa.
- Pigott, T. D. (2010, June). Invited workshop presentations on systematic reviews. Oslo, Norway and Copenhagen, Denmark
- Pigott, T. D. & Valentine, J. C. (2008, August). Invited workshop presentations on the Campbell Collaboration and systematic reviews. Leiden, Amsterdam
- Becker, B. J., Littell, J. & Pigott, T. D. (2008, November). Invited workshop presentations on the Campbell Collaboration and systematic reviews. University of Toronto, School of Social Work, Toronto, Canada.
- Pigott, T. D. (2007, November). Invited presenter for workshop on meta-analysis. National Center for Health Research, Oslo, Norway.
- Pigott, T.D. (2007, August). Invited presenter for workshop on *the art of research synthesis*. Nordic Campbell Collaboration Center in Copenhagen, Denmark.

Pigott, T. D. (2004, October). Invited discussant at the Nordic Campbell Collaboration Center in Copenhagen, Denmark.

PRESENTATIONS

- Pigott, T. D., Williams, R. T., Polanin, J. R., & Wu-Bohanon, M.-J. (2012, March). Predicting student achievement with the education production function and per pupil expenditure: Synthesizing regression models from 1968-1994. Paper presented at the annual meeting of the Society for Research on Educational Effectiveness, Washington, DC.
- Pigott, T. D., Williams, R. T., & Polanin, J. R. (2011, March). Using individual participant data in meta-analysis. Paper presented at the annual meeting of the Society for Research on Educational Effectiveness, Washington, DC.
- Polanin, J. R., Pigott, T. D., Ensminger, D. C. (2011, April). An evaluation of Carnegie Foundation's "Very High Research Activity" Universities' School of Education Professors. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.
- Pigott, T. D., Valentine, J. C., Williams, R. T. & Polanin, J. R. (2011, July). Outcome reporting bias in education. Paper presented at the annual meeting of the Society for Research Synthesis Methodology, Ottawa, Canada.
- Pigott, T. D., Valentine, J. C., Williams, R. T., & Canada, D. (2010, March). Evaluation of biased outcome reporting in education research. Paper presented at the annual meeting of the Society for Research on Educational Effectiveness, Washington, DC.
- Williams, R. T. & Pigott, T. D. (2009, July). Using item response theory methods to evaluate quality assessment methods in meta-analysis. Paper presented at the annual meeting of the Society for Research Synthesis Methodology, Seattle, WA.
- Pigott, T. D. (2009, July). Meta-analysis of diagnostic and prognostic tests in education. Paper presented at the annual meeting of the Society for Research Synthesis Methodology, Seattle, WA
- Kallemeyn, L., Ensminger, D. & Pigott, T. (2009, November). Developing a master's degree program in collaboration with a Business School. Think tank presented at the annual meeting of the American Evaluation Association, Orlando, Florida.
- Williams, R. T. & Pigott, T. D. (2009, May). Evaluating quality assessment methods for systematic reviews. Paper presented at the Ninth Annual Campbell Colloquium, Oslo, Norway.
- Pigott, T. D. & Wu, M.-J. (2008, May). Issues in meta-analysis for results of regression. Annual Meeting of the Campbell Collaboration, Vancouver, B.C.
- Pigott, T. D. & Wu, M.-J. (2007, July). Meta-analysis methods for synthesizing results of regression. Annual Meeting of the Society for Research Synthesis, Chicago, IL.
- Pigott, T. D. (2007, April). Using retrospective power in meta-analysis. Annual Meeting of the American Educational Research Association, Chicago, IL.
- Pigott, T. D. (2006, August). What is the role of meta-analysis in public policy? First meeting of the Society of Research Synthesis Methodology, Cambridge, England.
- Pigott, T. D. (2006, April). Using power analysis in meta-analysis. Annual Meeting of the American Educational Research Association, San Francisco, CA.

- Pigott, T. D., Prasse, D. & Biwer, D. (2004, April). Comparison of four phonemic awareness curricula. Annual Meeting of the American Educational Research Association, San Diego, CA.
- Pigott, T. D. (2003, April). Framing the picture. Talk given as part of the symposium, How do you measure it if it keeps moving? Lessons from the evaluation of the Illinois Professional Learners' Partnership. Annual Meeting of the American Educational Research Association, Chicago, IL.
- DeLuca, S. A., Pigott, T. D. & Rosenbaum, J. E. (2002, April). Are dropout decisions related to peer threats, social isolation, and teacher disparagement across schools? A multilevel approach to social climate and dropout. Paper presented at the Annual Meeting of the American Educational Research Association, New Orleans, Louisiana.
- Pigott, T. D. (2002, April). Correlates of success in kindergarten. Paper presented at the Annual Meeting of the American Educational Research Association, New Orleans, Louisiana.
- Pigott, T. D. (2000, April). Power analysis for research synthesis. Paper presented at the Annual Meeting of the American Educational Research Association, New Orleans, Louisiana.
- Pigott, T. D. & Muirhead, B. (1999, April). Meaningful play, imaginative work: Self-expression in the pre-primary classroom. Paper presented at the Annual National Head Start Association Training Conference, Minneapolis, Minnesota.
- Pigott, T. D. (1998, April). The use of multiple imputation in meta-analysis. Paper presented at the Annual Meeting of the American Educational Research Association, San Diego, California.
- Pigott, T. D. (1997, March). A review of methods for missing data in multiple regression analysis. Paper presented at the Annual Meeting of the American Educational Research Association, Chicago, Illinois.
- Pigott, T. D. (1996, April). An illustration of the sensitivity of meta-analysis to missing data. Paper presented at the Annual Meeting of the American Educational Research Association, New York, NY.
- Handler, M. & Pigott, T. D. (1995, July). Technology preparation for preservice teachers: Do they feel prepared for 21st century classrooms? Paper presented at the World Conference on Computers in Education, Birmingham, U.K.
- Handler, M. & Pigott, T. D. (1995, March). Preparing new teachers: Are they ready to be 21st century technology users? Paper presented at the Florida Education and Technology Conference, Orlando, FL.
- Handler, M. & Pigott, T. D. (1994, June). Teacher educators and technology preparation: Are we doing our jobs? Paper presented at the National Educational Computing Conference, Boston, MA.
- Handler, M. & Pigott, T. D. (1994, April). Schools of education and technology preparation: Are we doing our job? Paper presented at the Annual Meeting of the American Educational Research Association, New Orleans, LA.
- Pigott, T. D. (1994, April). An application of normal maximum likelihood methods to missing data in meta-analysis. Paper presented at the Annual Meeting of the American Educational Research Association, New Orleans, LA.

- Pigott, T. D. (1994, April). Discussant, Meta-analysis of complex data. Symposium at the Annual Meeting of the American Educational Research Association, New Orleans, LA.
- Pigott, T. D. (1989, March). Missing data in meta-analysis: Continuous models of effect size. Paper presented at the Annual Meeting of the American Educational Research Association, San Francisco, CA.
- Pigott, T. D. (1986, March). An analogue to the analysis of variance for correlations. Paper presented at the Annual Meeting of the American Educational Research Association, San Francisco, CA.

PROFESSIONAL SERVICE

- President*, Society for Research Synthesis Methods (2023-2024).
- Co-Editor-in-Chief (2021 – present)*, *Research Synthesis Methods*.
- Member*, Scientific Committee for the Global Evidence Summit 2024 in Prague, Czech Republic (2020 – 2024).
- Member*, STAT Advisory Group for the What Works Clearinghouse (2019 - 2023).
- President-Elect*, Society for Research Synthesis Methodology (2022-2023).
- Treasurer*, Society for Research Synthesis Methodology (2018 - 2021).
- Co-Editor*, 2019 and 2021 volumes of *Review of Research in Education*. 2019 theme: Changing Teaching Practice in K-20 Educational Settings. 2021 theme: Quality of Research Evidence in Education: How do we know?
- Co-Chair (2008 – 2014) and Editor (2008 – present)*, Campbell Collaboration Methods Group, Campbell Collaboration
- Chair*, AERA SIG, *Systematic Review and Meta-analysis* (2013-2017).
- Secretary*, AERA SIG, *Systematic Review and Meta-analysis* (2018 – 2021).
- Member*, Research Advisory Board, LEAP Innovations, Chicago, IL (2017 – 2020).
- Co-Chair*, Council of Chicago Area Deans of Education (CCADE) (2016-2017).
- Member*, Board of Trustees, Cristo Rey St. Martin High School, Waukegan, IL (2014 – 2019).
- Founding Member*, *Women in Quantitative Methods* (2014 – present),
<https://www.womenquants.org/>
- Editorial Board Member*, *Research Synthesis Methods* (2011 - 2021), *Elementary School Journal* (2006 – present), *Psychological Bulletin* (2002 – 2008, 2010 - present), *Journal of Research on Educational Effectiveness* (2020 - present), *Review of Educational Research* (present), *Psychological Methods* (2001 – 2006, 2010 - 2012), *Journal of Educational Psychology* (1995 – 2005)
- Guest Editor*, *Gifted Child Quarterly* (2016, Volume 60, Issue 2)
- Review Panel Member*, Institute of Education Sciences (2006 – present)
- Member*, Committee of Visitors, National Science Foundation, 2015 & 2018
- Ad hoc reviewer*, Institute of Education Sciences (2004 – 2006), Agency for Healthcare Research Quality (AHRQ)
- Review Panel Member*, National Science Foundation Panels (2002 – present)
- Review Board Member*, The Spencer Foundation Small Grants Program (2004 – 2005)
- Ad hoc reviewer*, *Journal of Behavioral and Educational Statistics*, *Educational Evaluation and Policy Analysis*, *PLoS Medicine*, *Cochrane Collaboration*, *Sociology in Education*, *The Spencer Foundation*, *Oxford University Press*

PROFESSIONAL MEMBERSHIPS

American Educational Research Association
Campbell Collaboration
Cochrane Collaboration
Society for Research Synthesis Methodology
Society for Research on Educational Effectiveness

UNIVERSITY TEACHING

Graduate Courses taught at Georgia State University

Systematic Review and Meta-Analysis (Masters and Doctoral students in School of Public Health and College of Education and Human Development)
Fundamentals of Biostatistics I (Masters students in the School of Public Health)
Quantitative Methods III (Doctoral students in the College of Education and Human Development)
Advanced Statistical Topics (Masters and Doctoral students in the School of Public Health)

Graduate Courses taught at Loyola University Chicago

Research Methods (Masters and Doctoral students)
Advanced Educational Statistics (Doctoral level)
Experimental Research Design (Doctoral level)
Meta-analysis Techniques (Doctoral level)
Hierarchical Linear Models (Masters and Doctoral students)
Program Evaluation (Masters and Doctoral students)
Multivariate Statistics (Doctoral students)

Graduate Courses taught at National-Louis University

Introduction to Graduate Research (Masters level)
Research for Teachers (Masters level)
Statistical Methods in Education (Masters level)
Empirical/Analytic Research I & II (Doctoral level)
Paradigms of Research: Alternative Ways of Knowing (Doctoral level)

INSTITUTIONAL SERVICE AT GEORGIA STATE UNIVERSITY

University Service

Chair, Evaluation Committee for Graduate School Dean (2022)
Member, Evaluation Committee for Associate Provost of OIE (2021)
Member, Evaluation Committee for Dean of the Honor's College (2020)
Member, Research Inquiry Committee (2020)

College/School Service

Member, College of Education and Human Development Advisory Committee on Faculty Promotion and Tenure (2022-2023)
Member, School of Public Health Faculty Affairs Committee (2020 – 2023)

Member, School of Public Health Promotion and Tenure Committee (2020 - 2022)

Department Service

Chair, Department of Population Health Sciences Search Committee (2023)

Chair, Educational Policy Studies Department Search Committee (2023)

Chair, Department of Population Health Sciences Promotion and Tenure Committee (2023)

Chair, Search Committee, Department of Population Health Services (2022)

Member, Search Committee, Educational Policy Studies Department (2022)

Member, Department of Population Health Sciences Promotion and Tenure Committee (2019, 2020, 2021)

Member, Department of Health Policy & Behavioral Sciences Promotion and Tenure Committee (2021)

Member, Search Committee, Educational Policy Studies Department (2021)

Member, Search Committee, Population Health Sciences Department (2021)

Chair, Educational Policy Studies Department Promotion and Tenure Committee (2021)

Chair, Education Policy Studies Social Committee (2020 – present)

INSTITUTIONAL SERVICE AT LOYOLA UNIVERSITY CHICAGO

University Service

Chair, Financial Planning Working Group on Student Development and Academic Services, 2016 – 2017

Faculty Director of Accreditation, 2014 - 2015

Chair, Faculty Appeals Committee, 2013

Advisory member, Board of Trustees Academic Affairs Committee, 2009 - 2012

Member, President's University Strategic Planning Committee, 2008-2009

Vice-chair, Institutional Review Board for Research with Human Subjects, Loyola University Chicago, 2006 - 2010

Member, President's Task Force on the University Libraries, 2004-5

Member, Search Committee for Dean of the School of Education, 2004-5

Member, Search Committee for Dean of the Graduate School, 2004-5

Member, Academic Grievance Hearing Committee, Graduate School, 2000 - 2002

Member, Committee for University-Wide Academic Computing, 1998-2000

School of Education Service

Chair, Academic Council, School of Education, 2006 – 2008, 2010 – 2012

Chair, Faculty Development Committee, School of Education, 2012-2014

Member, Faculty Evaluation Committee, School of Education, 2004 – 2006, 2008 – 2010, 2011 – 2013

Member, Philosophy of Education Search Committee, and Reading Search Committee, 2010-11

Member, Bilingual Education Search Committee, School of Education, 2009 - 2010

Chair, Research Methodology Search Committee, School of Education, 2006 - 2007

Chair, Research Methodology Search Committee, School of Education, 2005 - 2006

Chair, Literacy Search Committee, School of Education, 2004 – 2005

Vice-chair and Member-at-Large, School of Education Academic Council, 2004 – 2005

Chair, Technology Committee, School of Education, 2001 – 2003

Member, Academic Council, School of Education, 2000 – 2001

INSTITUTIONAL SERVICE AT NATIONAL-LOUIS UNIVERSITY

Member, Academic Support Committee, National College of Education, 1995 - 6

Member, Doctoral Program Committee, National College of Education, 1990 – 1996

Member, Evaluation Committee, National College of Education, 1992 -1996

Chair, Graduate Admissions and Retention Council, National College of Education, 1993 – 1994

Member, Graduate Admissions and Retention Council, National College of Education, 1991-1994

Member, Graduate Council, National College of Education, Winter 1994

Chair, Doctoral Research Sequence Revision, National College of Education, 1992 - 4

Member, Research Reassigned Time Selection Committee, National College of Education, 1993