

**Jeffrey C. Valentine, Ph.D.**  
**Curriculum Vitae**

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University of Louisville  
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Updated February 2018

**Education**

University of Missouri – Columbia, MO  
Ph.D., Social Psychology, 2001  
Dissertation: *The relation between self-concept and academic achievement: A meta-analytic review.*

Northern Arizona University, Flagstaff, AZ  
M.A., Psychology, 1996  
Thesis: *Interpersonal expectancy effects and the preference for consistency.*

University of New Mexico, Albuquerque, NM  
B.A., Psychology, 1992

**Professional Experience**

**1. Research Experience**

July 2014 – present: *Professor and Program Coordinator*  
Educational Psychology, Measurement, and Evaluation  
Department of Counseling and Human Development  
College of Education and Human Development  
University of Louisville

October 2013 – September 2016: *Visiting Research Professor*  
School of Sociology  
Social Policy and Social Work  
Queen's University Belfast

July 2009 – June 2014: *Associate Professor and Program Coordinator*  
Educational Psychology, Measurement, and Evaluation  
Department of Educational and Counseling Psychology

College of Education and Human Development  
University of Louisville

August 2006 – June 2009: *Assistant Professor*  
Educational Psychology, Measurement, and Evaluation program  
Department of Educational and Counseling Psychology  
College of Education and Human Development  
University of Louisville

September 2003 – August 2006: *Adjunct Assistant Professor and Research Scientist*  
Department of Psychology: Social & Health Sciences and Program in Education  
Duke University

September 2002 - August 2003: *Research Assistant Professor*  
Department of Psychological Sciences  
University of Missouri - Columbia

August 2001 - September 2002: *Post-Doctoral Fellow*  
Center for Research Synthesis Methodology  
University of Missouri - Columbia

January 1997 - July 2001: *Graduate Research Assistant*  
Department of Psychological Sciences, University of Missouri - Columbia  
Research Directors/Areas of Research:

- Harris Cooper: Educational social psychology; Applied educational research
- David L. DuBois: Developmental trajectories of self-esteem
- Craig A. Anderson: Media effects on aggressive behavior

August 1990 – May 1992: *Undergraduate Research Assistant*  
Department of Psychology, University of New Mexico  
Research Director/Area of Specialization:

- Peder Johnson: Implicit learning

## **2. Teaching Experience**

### *Courses Taught:*

Intermediate Statistics (ANOVA and multiple regression) (graduate)  
Multivariate Statistics (graduate)  
Research Methods (graduate and undergraduate)  
Social Psychology (graduate and undergraduate)  
Honors Seminar in Psychology (undergraduate)  
Scientific Literature Reviews and Meta-Analysis (graduate)

### *Teaching Awards:*

Faculty Favorite, 2009-10, 2011-12, and 2013-14, 2015-16, nominated by students for

outstanding teaching. University of Louisville.

Donald K. Anderson Student Teaching Award, 2000, awarded for outstanding teaching by a graduate student. University of Missouri – Columbia.

Donald K. Anderson Teaching Fellowship, 1999 - 2000, awarded to promising graduate student teachers. University of Missouri – Columbia.

### **3. Related Employment**

May 1993 - December 1996: *Prevention Coordinator*  
Northern Arizona Behavioral Health Authority, Flagstaff, AZ.

### **4. Grant and Contract Activity**

#### **A. Funded**

2016: Principal Investigator (with James Pustejovsky and Emily Tanner-Smith), *Using single case research in systematic reviews: Developing user friendly software and a primer on use*. Campbell Collaboration, \$15,771.

2016-2017: Co-editor (with Harris Cooper and Larry Hedges), *Handbook of Research Synthesis and Meta-Analysis, 3<sup>rd</sup> edition*. Presidential Advisory Award, Russell Sage Foundation, \$35,000.

2015-2019: Principal Investigator: *Reviews, Reporting, Dissemination, and Development*. U.S. Department of Education, Institute of Education Sciences (with Development Services Group, Inc., as the prime), \$1,035,240.

2013-2014: Principal Investigator (with Spyros Konstantopoulos), *A Systematic Review of the Effects of Alternative Certification Programs*. Campbell Collaboration, \$12,000.

2012-2016: Principal Investigator, *Evidence Review and Support of the What Works Clearinghouse*. U.S. Department of Education, Institute of Education Sciences (with Development Services Group, Inc., as the prime), \$4,657,000.

2010: Research and Faculty Development Committee Travel award. University of Louisville, \$1,309.

2009-2010: Principal Investigator, *How Well Does the Information Gathered During the Hiring Process Predict Future Teacher Performance? A Case Study of the Jefferson County Public Schools*, University of Louisville, NCLB Center, \$96,000.

2007-2012: Principal Investigator, *Systematic Reviews of Research in Career and Technical Education*. University of Louisville, National Research Center for Career and Technical

Education (NRCCTE), \$284,028.

2007: Principal Investigator, *Secondary CTE State Standards Reviews*. University of Minnesota, NRCCTE. \$45,933.

2006: Principal Investigator, *Validity Characteristics of Randomized Experiments and Quasi-Experiments in Education*. Duke University, Duke Cross-Disciplinary Training Program in Education, \$2,500.

2006-2008: Co-Investigator (with Harris Cooper and Larry Hedges), *The Handbook of Research Synthesis* (2<sup>nd</sup> ed.). Russell Sage Foundation, \$285,910.

2005-2006: Co-Investigator (with Harris Cooper), *After-school Programs Standards of Excellence*. North Carolina Center for After School Programs, \$30,000.

2005-2006: Co- Investigator (with Harris Cooper), *Research on After-school Programs: A Synthesis of Syntheses*. Spencer Foundation, \$40,000.

2006-2008: Program Evaluator (with Rochelle Schwartz-Bloom), *LEAP: Launch into Education about Pharmacology*. Burroughs Wellcome Fund: Student Science Enrichment Program, \$180,000.

2001-2005: Coordinator (with Harris Cooper), Technical Advisory Group of the *What Works Clearinghouse*. U.S. Department of Education, Institute of Education Sciences, \$750,000.

## **B. Pending Applications**

None.

## **5. Methodological and Statistical Consulting**

Most of the methodological and statistical consulting I do involves the design and analysis of either (a) impact evaluations (especially if they involve random assignment to conditions) or (b) literature reviews (especially if they include a quantitative summary of the literature, such as a meta-analysis).

Abt Associates

American Civil Liberties Union

Biostatistical Programming Associates, Inc.

Iowa State University, Psychology in Education Research Lab

National Dissemination Center for Children with Disabilities (Research Panel member)

National Institute for Literacy

Northwest Regional Educational Laboratory (NWREL)

RMC Research Corporation (Single Sex Schools expert panel member)

Southeast Regional Educational Laboratory (SERVE)

## 6. Professional Society Memberships

American Educational Research Association  
 Society for Prevention Research  
 Society for Research on Effective Education  
 Society for Research Synthesis Methods (Elected Member)

## 7. National/International Committee Service

Member, Bias in the Selection of the Reported Result working group, *Cochrane Collaboration*  
 (This work resulted in Sterne, J. A. C. et al., under review, *A tool for assessing risk of bias in non-randomized studies of interventions.*)  
 Member, Technical Working Group, U.S. Department of Education's Institute of Educational Sciences (2016)  
 Advisory Board Member, International Development Coordinating Group of the *Campbell Collaboration* (2011 – present)  
 Member, Nominations Committee for the *Society for Prevention Research* (2011-2014)  
 Co-Chair, Training Group, the *Campbell Collaboration* (2008 – present)  
 Moderator, Online Discussion Forum, Lifelong Literacy Methodology Panel for the *National Institute for Literacy* (2006)  
 Member, Single Case Standards Working Group for the *What Works Clearinghouse* (2006)  
 Member, Lifelong Literacy Methodology Panel for the *National Institute for Literacy* (2006)  
 Chair, Single Case Standards Working Group for the *What Works Clearinghouse* (2005)  
 Co-Chair, Methods Groups of the *Campbell Collaboration* (2005-2008)  
 Member, Standards of Evidence committee of the *Society for Prevention Research* (2003-2009)

## 8. Editorial Work

Associate Editor, *Research Synthesis Methods* (2011 - present)  
 Editor, Methods Groups of the *Campbell Collaboration* (2005-2008)

Editorial Board, *Review of Educational Research* (2017 – present)  
 Editorial Board, *Education Evaluation and Policy Analysis* (2016 - present)  
 Editorial Board, *Journal of Research on Educational Effectiveness* (2013 – 2016)  
 Editorial Board, *Campbell Systematic Reviews (Methods)* (2010 – present)  
 Editorial Board, *Elementary School Journal* (2005-2012)  
 Editorial Board, *Research Synthesis Methods* (2008-2011)  
 Statistical Editor, *Developmental, Psychosocial, and Learning Problems Group* for the *Cochrane Collaboration* (2006-present)

Guest Editor, with Harris Cooper, *Educational Psychologist* (Vol. 36, Issue 3), Special Issue on Homework.

## 9. Peer Review Activities (2010-2017)

<i>Archives of Sexual Behavior</i>	<i>Journal of Educational and Behavioral Statistics</i>
<i>Asian American Journal of Psychology</i>	<i>Journal of Experimental Criminology</i>
<i>Association for Healthcare Research Quality</i>	<i>Journal of Experimental Education</i>
<i>Basic and Applied Social Psychology</i>	<i>Journal of Experimental Psychology - General</i>
<i>BMC Medical Research Methodology</i>	<i>Journal of Policy Analysis and Management</i>
<i>Child and Youth Services Review</i>	<i>Journal of Research on Educational Effectiveness</i>
<i>Child Development</i>	<i>Journal of School Psychology</i>
<i>Child Development Perspectives</i>	<i>Journal of Sport and Exercise Psychology</i>
<i>Clinical Psychological Science</i>	<i>Learning and Individual Differences</i>
<i>Educational Evaluation and Policy Analysis</i>	<i>Oxford University Press</i>
<i>Educational Research and Reviews</i>	<i>PLOS One</i>
<i>Elementary School Journal</i>	<i>Prevention Science</i>
<i>European Journal of Psychology in Education</i>	<i>Psychology and Health</i>
<i>Evaluation and the Health Professions Evaluation Review</i>	<i>Psychological Bulletin</i>
<i>Gifted Child Quarterly</i>	<i>Psychological Methods</i>
<i>Health Care Management</i>	<i>Review of Educational Research</i>
<i>Journal for the Society of Social Work Research</i>	<i>School Effectiveness and School Improvement</i>
<i>Journal of Clinical Epidemiology</i>	<i>Social Psychology of Education</i>
<i>Journal of Development Effectiveness</i>	<i>TCRecord</i>
<i>Journal of Education Research</i>	

In addition, I have reviewed grants for the National Science Foundation, the U.S. Department of Education's Institute of Education Sciences (IES), the Health Research Council of New Zealand, the International Initiative for Impact Evaluation, the British Medical Council (Medical Research Methodology), the WT Grant Foundation, and the Social Sciences and Humanities Research Council of Canada.

## 10. Research Awards

2016: *President's Distinguished Faculty Award* for Outstanding Scholarship, Research, and Creative Activity in the Social Sciences, University of Louisville.

2016: *Most Valuable Paper Award*, Society for the Advancement of Psychotherapy.

2013: *Leonard E. Gibbs Award*, Campbell Collaboration, awarded for "rigorous systematic reviews that can inform social welfare policy welfare and practice."

2004: *Mary Liebman Media Award*, National Association for Year-Round Education, for "outstanding media presentations that contribute to the dissemination and understanding of year-

round education.”

## 11. Doctoral Student Supervision

- Buehner, R. (2017). Meta-analysis of the longitudinal relationship between adolescent depression and academic achievement. (Co-chair with Dr. Patrick Pössel)
- Busch, L. Y. (2015). *Meta-analyses of cardiovascular responses to rumination: Exploring mechanisms linking depression and hostility to cardiovascular disease*. (Co-chair with Dr. Patrick Pössel)
- Berry, M. S. (2014). *The effectiveness of extended orientation first year seminars: A systematic review and meta-analysis*. (Co-chair with Dr. Jacob P. K. Gross)
- Nienhuis, J. (2013). *A meta-analytic review of the relationships between the therapeutic alliance, empathy, and genuineness in individual adult psychotherapy*. (Co-chair with Dr. Jason J. Owen)
- Niehaus, K. (2012). *School support, parental involvement, and academic and social-emotional outcomes For English language learners in elementary school*. Dr. Niehaus won the 2013 Paul R. Pintrich Outstanding Dissertation Award from APA Division 15: Educational Psychology and the 2012 University of Louisville College of Education and Human Development’s Outstanding Student Award. (Co-Chair with Dr. Jill Adelson)
- Beard, J. (2011). *Identifying predictors of success in college students: A meta-analysis*. (Co-Chair with Dr. Amy Hirschy)
- Pan, Y-J. (2010). *Modeling the effects of academic and social integration on college student success: A systematic review*. (Co-Chair with Dr. Amy Hirschy)
- Chen, Chang-Ting (2008). *The effectiveness of incorporating the Internet to improve literacy skills of English language learners*. (Co-Chair with Dr. Diane Kyle)

## Research and Writing

Google Scholar h-index = 35

### 1. Peer-Reviewed Publications

- Busch, L. Y., Pössel, P., & Valentine, J. C. (2017). Meta-analyses of cardiovascular reactivity to rumination: A possible mechanism linking depression and hostility to cardiovascular disease. *Psychological Bulletin*, 143(12), 1378-1394.

- Ardasheva, Y., Wang, Z., Adesope, O. O., & Valentine, J. C. (2017). Exploring effectiveness and moderators of language learning strategy instruction on second language and self-regulated learning outcomes. *Review of Educational Research, 87*, 544-582. doi:10.3102/0034654316689135
- Valentine, J. C., Konstantopoulos, S., & Goldrick-Rab, S. (2017). What happens to students placed into developmental education?: A meta-analysis of regression discontinuity studies. *Review of Educational Research, 87*, 806-833. doi:10.3102/0034654317709237
- Szabo, Y.Z., Warneke, A. J., Newton, T. L., & Valentine, J. C. (2017). Rumination and posttraumatic stress symptoms in trauma-exposed adults: A systematic review and meta-analysis. *Anxiety, Stress, & Coping*. doi: 10.1080/10615806.2017.1313835
- Wong, V. C., Valentine, J. C., & Miller-Bains, K. (2017). Empirical performance of covariates in education observational studies. *Journal of Research on Educational Effectiveness, 10*, 207-236. <http://dx.doi.org/10.1080/19345747.2016.1164781>
- Becker, B. J., Aloe, A., Duvendack, M., Stanley, T. D., Valentine, J. C., Fretheim, A., & Tugwell, P. (2017). Quasi-experimental study designs series – Paper 10: Synthesizing effects for evidence collected from quasi-experimental studies presents surmountable challenges. *Journal of Clinical Epidemiology, 89*, 84-91. doi: 10.1016/j.jclinepi.2017.02.014
- Aloe, A. M., Becker, B. J., Duvendack, M., Valentine, J. C., Shemilt, I., & Waddington, H. (2017). Quasi-experimental study designs series – Paper 9: Collecting data from quasi-experimental studies. *Journal of Clinical Epidemiology, 89*, 77-83. doi: 10.1016/j.jclinepi.2017.02.013
- Bärninghausen, T., Oldenburg, C., Tugwell, P., Bommer, C., ... & Vollmer, S. (2017). Quasi-experimental study designs series-Paper 7: Assessing the assumptions. *Journal of Clinical Epidemiology, 89*, 53-66. doi:10.1016/j.jclineip.2017.02.017
- Valentine, J. C., Wilson, S. J., Rindskopf, D., Lau, T., Tanner-Smith, E. E., Yeide, M., LaSota, R., & Foster, L. (2017). The challenge of synthesis when there are only a few studies. *Evaluation Review, 41*, 3-26. doi: 10.1177/0193841X16674421
- Bailey, T., Bashford, J., et al. (2016). *Strategies for Postsecondary Studies in Developmental Education – A Practice Guide for College and University Administrators, Advisors, and Faculty*. Washington, DC: Institute of Education Sciences, What Works Clearinghouse.
- Sterne, J. A. C. et al. (2016). ROBINS-I: A tool for assessing risk of bias in non-randomized studies of interventions. *BMJ, 355*. doi: <https://doi.org/10.1136/bmj.i4919>
- Nienhuis, J. B., Owen, J., Valentine, J. C., Black, S. W., Halford, T. C., Parazak, S. E., Budge, S., & Hilsenroth, M. J. (2016). Therapeutic alliance, empathy, and genuineness in individual adult psychotherapy: A meta-analytic review. *Psychotherapy Research*. doi:



10.1080/10503307.2016.1204023

- Valentine, J. C. & Aloe, A. M. (2016). How to communicate effect sizes for continuous outcomes: A review of existing options and introducing a new metric. *Journal of Clinical Epidemiology*, *72*, 84-89.
- Valentine, J. C., Aloe, A. M., & Lau, T. S. (2015). Life after NHST: How to describe your data without “p-ing” everywhere. *Basic and Applied Social Psychology*, *37*, 260-273.
- Owen, J., Drinane, J., Idigo, C., & Valentine, J. C. (2015). Psychotherapy effects in meta-analysis: How accurate are treatment effects? *Psychotherapy*, *52*, 321-328.
- Pigott, T. D., Valentine, J. C., Polanin, J. R., Williams, R., & Canada, D. D. (2013). Outcome-reporting bias in education research. *Educational Researcher*, *42*, 424-432.
- Squires, J. E., Valentine, J. C., & Grimshaw, J. M. (2013). Systematic reviews of complex interventions: Framing the review question. *Journal of Clinical Epidemiology*, *66*, 1215-1222.
- Valentine, J. C. & Thompson, S. G. (2013). Issues relating to confounding and meta-analysis when including non-randomized studies in systematic reviews on the effects of interventions. *Research Synthesis Methods*, *4*, 26-35.
- Higgins, J.P.T., Ramsay, C., Reeves, B. C., Deeks, J., Shea, B., Valentine, J. C., Tugwell, P., & Wells, G. (2013). Issues relating to study design and risk of bias when including non-randomized studies in systematic reviews on the effects of interventions. *Research Synthesis Methods*, *4*, 12-25.
- Gupta, A., Leong, F., Valentine, J. C., & Canada, D. D. (2013). A meta-analytic study: The relationship between acculturation and depression among Asian Americans. *American Journal of Orthopsychiatry*, *83*, 2,3, 372-385.
- Waddington, H., White, H., Sniltuveit, B., Garcia Hombrados, J.G, Vojtkova, M., Davies, P., Evers, J., Koehlmoos, T.P., Petticrew, M., Valentine, J. C., & Tugwell, P. (2012). How to do a good systematic review of effects in international development: a tool kit. *Journal of Development Effectiveness*, *4*, 359-387.
- Pössel, P., Adams, E., & Valentine, J. C. (2012). Depression as a risk factor for breast and lung cancer: Investigating methodological limitations in the literature. *Cancer Causes & Control*, *23*, 1223-1229.
- Shemilt, I., Valentine, J. C., Pössel, P., Mugford, M., & Wooldridge, D. T. (2012). Costing program implementation using systematic reviews: Interventions for the prevention of adolescent depression. *Research Synthesis Methods*, *3*, 191-201.
- MacDonald, G., Higgins, J. P. T., Ramchandani, P., Valentine, J. C., Bronger, L.P., Rademaker,

- B., O'Daniel, R., Taylor, M., Klein, P., Pickering, M., & Richardson, G. (2012). *Cognitive-behavioural interventions for children who have been sexually abused*. Cochrane Database of Systematic Reviews, Issue 5. Art. No.: CD001930. DOI: 10.1002/14651858.CD001930.pub3.
- DuBois, D. L., Portillo, N., Rhodes, J. E., Silverthorn, N., & Valentine, J. C. (2011). How effective are mentoring programs of youth?: A systematic assessment of the evidence. *Psychological Science in the Public Interest*, 12, 57-91.
- Valentine, J. C., Biglan, A., Boruch, R. F., Castro, F. G., Collins, L. M., Flay, B. R., Kellam, S., Mościcki, E. K., & Schinke, S. P. (2011). Replication in prevention science. *Prevention Science*, 12, 103-117. Article abstracted by Prevention Action, available at: <http://www.preventionaction.org/prevention-news/matter-replication/5713>
- Valentine, J. C., Biglan, A., Boruch, R. F., Castro, F. G., Collins, L. M., Flay, B. R., Kellam, S., Mościcki, E. K., & Schinke, S. P. (2011). Commentaries on “Replication in prevention science”: A rejoinder. *Prevention Science*, 12, 123-125.
- Valentine, J. C., Hirschy, A., S., Bremer, C., Novillo, W., Castellano, M., & Banister, A. (2011). Keeping at-risk students in school: A systematic review of college retention programs. *Educational Evaluation and Policy Analysis*, 33, 214-234.
- Rakes, C. R., Valentine, J. C., McGatha, M. B., & Ronau, R. N. (2010). Methods of instructional improvement in algebra: A systematic review and meta-analysis. *Review of Educational Research*, 80, 372-400. Article abstracted by the MOFET Institute and available at: <http://itec.macam.ac.il/portal/>
- Valentine, J. C., Cooper, H., Patall, E. A., Tyson, D., & Civey Robinson, J. (2010). A method for evaluating research syntheses: The quality, conclusions, and consensus of twelve syntheses of the effects of after school programs. *Research Synthesis Methods*, 1, 20-38.
- Valentine, J. C., Pigott, T. D., & Rothstein, H. R. (2010). How many studies do you need?: A primer on statistical power in meta-analysis. *Journal of Educational and Behavioral Statistics*, 35, 215-247.
- Valentine, J. C., & Cooper, H. (2008). A systematic and transparent approach for assessing the methodological quality of intervention effectiveness research: The Study Design and Implementation Assessment Device (Study DIAD). *Psychological Methods*, 13, 130-149.
- Valentine, J. C., & McHugh, C. (2007). The effects of attrition on baseline group comparability in randomized experiments in education: A meta-analytic review. *Psychological Methods*, 12, 268-282.
- Bettencourt, B. A., Talley, A., Benjamin, A. J., & Valentine, J. (2006). Personality and aggressive behavior under provoking and neutral conditions: A meta-analytic review. *Psychological Bulletin*, 132, 751-777.

- Flay, B. R., Biglan, A., Boruch, R. F., González Castro, F., Gottfredson, D., Kellam, S., Mościcki, E. K., Scheinke, S., Valentine, J. C., & Ji, P. (2005). Standards of evidence: Criteria for efficacy, effectiveness, and dissemination. *Prevention Science, 6*, 151-175.
- Valentine, J. C., DuBois, D. L., & Cooper, H. (2004). The relation between self-beliefs and academic achievement: A meta-analytic review. *Educational Psychologist, 39*, 111-133.
- Anderson, C. A., Carnagey, N. L., Flanagan, M., Benjamin, A. J., Eubanks, J., & Valentine, J. C. (2004). Violent video games: Specific effects of violent content on aggressive thoughts and behavior. In M. Zanna (Ed.), *Advances in experimental social psychology* (Vol. 36, pp. 199-249). New York: Elsevier.
- Cooper, H., Valentine, J. C., Charlton, K., Muhlenbruch, L., & Melson, A. (2003). The effects of modified school calendars on student achievement and school community attitudes: A research synthesis. *Review of Educational Research, 73*, 1-52.
- Conn, V. S., Valentine, J. C., Cooper, H., & Rantz, M. J. (2003). Grey literature in meta-analyses? *Nursing Research, 52*, 256-261.
- Valentine, J. C., Cooper, H., Bettencourt, B. A., & DuBois, D. L. (2002). Out of school activities and academic achievement: The mediating role of self-beliefs. *Educational Psychologist, 37*, 245-256.
- Conn, V., Valentine, J. C., & Cooper, H. (2002). Interventions to increase physical activity among aging adults: A meta-analysis. *Annals of Behavioral Medicine, 24*, 190-200.
- DuBois, D. L., Holloway, B. E., Valentine, J. C., & Cooper, H. (2002). Effectiveness of mentoring programs for youth: A meta-analytic review. *American Journal of Community Psychology, 30*, 157-197.
- Cooper, H., & Valentine, J. C. (2001). Using research to answer practical questions about homework. *Educational Psychologist, 36*, 143-154.
- Valentine, J. C., Blankenship, V., Cooper, H., & Sullins, E. S. (2001). Interpersonal expectancy effects and the preference for consistency. *Representative Research in Social Psychology, 25*, 26-33.
- Cooper, H., Charlton, K., Valentine, J. C., & Muhlenbruck, L. (2000). Making the most of summer school: A meta-analytic and narrative review. *Monographs for the Society of Research on Child Development, 65*(1). Malden, MA: Blackwell Press.
- Van Matre, J.C., Valentine, J. C., & Cooper, H. (2000). The effect of after-school activities on teacher academic expectancies. *Contemporary Educational Psychology, 25*, 167-183.
- Cooper, H., Valentine, J. C., Nye, B., & Lindsay, J.J. (1999). The relationship between five after-

school activities and academic achievement. *Journal of Educational Psychology*, *91*, 369-378.

## 2. Books - Edited

Cooper, H., Hedges, L. V., & Valentine, J. C. (Eds.). (2009). *The handbook of research synthesis and meta-analysis* (2<sup>nd</sup> ed). New York: Russell Sage Foundation.

## 3. Book Chapters

Valentine, J. C. (in press). Evaluating study quality. In H. Cooper, L.V. Hedges, and J. C. Valentine (Eds.), *The Handbook of Research Synthesis and Meta-Analysis*, 3<sup>rd</sup> edition.

Valentine, J. C., Aloe, A. M., & Wilson, S. J. (in press). Interpreting effect sizes. In H. Cooper, L.V. Hedges, and J. C. Valentine (Eds.), *The Handbook of Research Synthesis and Meta-Analysis*, 3<sup>rd</sup> edition.

Pigott, T. D., Williams, R. T., & Valentine, J. C. (in press). Selective outcome reporting and research quality. In J. Plucker & M. C. Merkel (Eds.), *Toward a More Perfect Psychology: Improving Trust, Accuracy, and Transparency in Research*. Washington, DC: American Psychological Association.

Valentine, J. C. (2012). Meta-analysis. In H. Cooper (Ed.), *APA Handbook of Research Methods in Psychology (Vol. III: Data Analysis and Research Publication)*. Washington DC: American Psychological Association.

Valentine, J. C. (2009). Judging the quality of primary research for research synthesis. In H. Cooper, L. V. Hedges, & J. C. Valentine (Eds.), *The Handbook of Research Synthesis and Meta-Analysis* (2<sup>nd</sup> ed.), pp. 129-146. New York: Russell Sage Foundation.

Valentine, J. C., & Cooper, H. (2009). Research synthesis and meta-analysis. In M. C. Smith (Ed.), *Handbook on research in adult learning and development* (pp. 162-180). New York: Routledge.

Valentine, J. C., & DuBois, D. L. (2005). Effects of self-beliefs on academic achievement and vice-versa: Separating the chicken from the egg. In H. Marsh & R. Craven (Eds.), *International advances in self research* (Vol. 2, pp. 53-75). Greenwich, CT: Information Age.

Valentine, J. C., & Cooper, H. (2005). Can we measure the quality of causal research in education? In G. D. Pbye, D. H. Robinson, & J. Levin (Eds.), *Experimental methods for educational interventions: Prospects, pitfalls and perspectives* (pp. 85-112). San Diego: Academic Press.

Valentine, J. C., & Cooper, H. (2001). Systematic research synthesis on motivation. In M. Maehr & P. Pintrich (Eds.), *Advances in motivation and achievement* (Vol. 12, pp. 319-348). New York: Elsevier Science Ltd.

Cooper, H., Valentine, J. C., & Charlton, K. (2000). The methodology of meta-analysis. In R. Gersten, E. Schiller, J. Schuman, & S. Vaughn (Eds.), *Contemporary special education research* (pp. 263-280). Mahwah, NJ: Lawrence Erlbaum Associates.

#### 4. Commissioned Papers

Valentine, J. C., Tanner-Smith, E. E., Pustejovsky, J., & Lau, T. S. (2016). Standardized mean difference effect sizes for single-case designs: A primer and tutorial using R. Oslo: Norway: *The Campbell Collaboration*. Available online: [https://www.campbellcollaboration.org/images/library/effect\\_sizes\\_single\\_case\\_designs.pdf](https://www.campbellcollaboration.org/images/library/effect_sizes_single_case_designs.pdf)

Valentine, J. C. & Konstantopoulos, S. (2015). Using systematic reviews and meta-analyses to inform public policy decisions. Paper commissioned for the *Committee on the Use of Economic Evidence to Inform Investments in Children, Youth and Families* of the National Academies and the Institute of Medicine.

Valentine, J. C. (2005). *A comprehensive research agenda for single sex schooling*. Paper commissioned by RMC Research Corporation under a grant from the U. S. Department of Education, Contract Number ED-01-CO-0055/0010.

#### 5. Encyclopedia Entries

Valentine, J. C., Pigott, T. D., & Lau, T. (2015). Systematic reviewing and meta-analysis. In J. Wright (Ed.) *International Encyclopedia of the Social and Behavioral Sciences*, 2<sup>nd</sup> ed, pp. 906-913. Amsterdam, the Netherlands: Elsevier.

Valentine, J. C. (2008). Meta-analysis. In W. H. Darity, Jr. (Ed.), *The international encyclopedia of the social sciences* (2<sup>nd</sup> ed., Vol. 5, pp. 104-105). Detroit, MI: Thomson Gale.

Valentine, J. C. (2008). Quantitative methods. In W. H. Darity, Jr. (Ed.), *The international encyclopedia of the social sciences* (2<sup>nd</sup> ed., Vol. 5, pp. 112-113). Detroit, MI: Thomson Gale.

Valentine, J. C. (2008). Reliability. In W. H. Darity, Jr. (Ed.), *The international encyclopedia of the social sciences* (2<sup>nd</sup> ed., Vol. 7, pp. 157-158). Detroit, MI: Thomson Gale.

#### 6. Published Protocols

MacDonald, G., Livingstone, N., & Valentine, J. C. (2017). Families and Schools Together (FAST) for improving outcomes of children and their families. *Cochrane Database of Systematic Reviews*, 8. doi:10.1002/14651858.CD12760

## 7. Other

Valentine, J. C., Konstantopoulos, S., & Goldrick-Rab, S. (2016). *A meta-analysis of regression discontinuity studies investigating the effects of placement into developmental education: A working paper*. Madison, WI: Wisconsin HOPE Lab. Available online: <http://wihopelab.com/publications/Valentine-2016-Investigating-Effects-of-Placement.pdf>

Valentine, J. C., Rakes, C. R., & Canada, D. (2010). *Predicting student outcomes from information knowable at the time of hire: A systematic review*. Report submitted to the U.S. Department of Education, grant award # U215K050530.

Valentine, J. C., Hirschy, A., S., Bremer, C., Novillo, W., Castellano, M., & Banister, A. (2009). *Systematic Reviews of Research: Postsecondary Transitions - Identifying Effective Models and Practices*. University of Louisville: National Research Center on Career and Technical Education.

Valentine, J.C., Pan, Y. J., Richardson, G. B., Banister, A., & Joerger, R. M. (2009). *Professional development programming for post-secondary faculty*. University of Louisville: National Research Center on Career and Technical Education.

Riordan, C., Faddis, B. J., Beam, M., Seager, A., Tanney, A., DiBiase, R., Ruffin, M., & Valentine, J. (2008). *Early Implementation of Public Single-Sex Schools: Perceptions and Characteristics*. Washington DC: US Department of Education. Available online at <http://www.ed.gov/rschstat/eval/other/single-sex/characteristics/characteristics.pdf>

Scott-Little, C. & Valentine, J. (2004). *Mathematics tutoring: What does research tell us?* University of North Carolina at Greensboro: SERVE.

Valentine, J. C., & Cooper, H. (2003). *What Works Clearinghouse Study Design and Implementation Assessment Device (Version 1.1)*. Washington, DC: US Department of Education. Available online at [www.w-w-c.org](http://www.w-w-c.org).

Valentine, J. C., & Cooper, H. (2003). *Effect Size Substantive Interpretation Guidelines: Issues in the Interpretation of Effect Sizes*. Washington, DC: US Department of Education. Available online at <http://ies.ed.gov/ncee/wwc/pdf/essig.pdf>.

## 8. Presentations (Select)

Konstantopoulos, S. & Valentine, J. C. (2015). *Meta-analysis of regression discontinuity studies*.

Society for Research Synthesis Methods, Nashville, TN.

- Valentine, J. C. & Lau, T. (2015). *Synthesizing evidence: Synthesis methods for evidence clearinghouses*. Society for Research on Educational Effectiveness, Washington DC.
- Valentine, J. C. (2015). *Using the What Works Clearinghouse to inform research and practice*. Association for Education Finance Policy conference, Washington DC. (Discussant)
- Valentine, J. C. (2014). *Synthesizing studies in an information poor environment*. Presented at the “Synthesizing Evidence in Systematic Reviews” panel at the spring conference of the Society for Research on Educational Effectiveness, Washington DC.
- Valentine, J. C. & Konstantopoulos, S. (2012). *Synthesis options for studies linking teacher background characteristics and student achievement*. Presented at the annual conference of the Society for Research Synthesis Methods, Aix-en-Provence, France.
- Valentine, J. C. & Pössel, P. (2011). *Universal vs. targeted programs for the prevention of adolescent depression: Toward an estimate of the relative cost effectiveness of differing prevention models*. Presented at the annual conference of the Society for Benefit-Cost Analysis, Washington DC.
- Thompson, S. G. & Valentine, J. C. (2010). *Confounding and meta-analysis*. Session co-chairs at the Cochrane Collaboration’s *Nonrandomised Studies Methods Group*, Ottawa, Canada.
- Cook, T. D., Valentine, J. C., & Bellini, J. (2010). *Disability Research Design: Issues and Strategies*. Webcast hosted by the National Center for the Dissemination of Disability Research. Available online at <http://www.ncddr.org/webcasts/webcast26.html>
- Valentine, J. C. (2010). Addressing statistical issues involved in developing experimental studies designed to document the effectiveness of prevention programs in schools. Roundtable discussion at the annual meeting of the *Society for Prevention Research*, Denver, CO.
- Valentine, J. C., Burnett, J. B., Nichols, A., Gonshak, A. B., Tong, S., Whitten, M., & Pickering, M. (2009). *Validity characteristics of randomized and quasi-experiments in studies of school-based prevention programs*. Poster presented at the annual meeting of the American Psychological Association, Toronto.
- Valentine, J. C. (2009). *Systematic reviews to support public policy in developing countries: An overview*. Presented at the joint conference of the African Evaluation Association, Network of Networks Impact Evaluation Initiative, and the International Initiative for Impact Evaluation, Cairo, Egypt.
- Valentine, J. C. (2008). *Why meta-analysis should be the default synthesis technique*. Presented at the 16<sup>th</sup> Cochrane Colloquium, Freiburg, Germany.
- Valentine, J. C. (2008). *Replication in prevention science*. Presented at the 16<sup>th</sup> Annual Meeting

of the Society for Prevention Research, San Francisco.

- Valentine, J. C. (2008). *Assessment of study quality in meta-analysis*. Presented at the 2008 Annual Meeting of the American Educational Research Association, New York.
- Valentine, J. C. (2008). *Advances in techniques for the synthesis of multilevel linear models*. Session Chair at the 2008 Annual Meeting of the American Educational Research Association, New York.
- Valentine, J. C. (2007). *Assessing quality in systematic reviews*. Session Chair and Discussant at the 7<sup>th</sup> Annual Campbell Collaboration Colloquium, London, England.
- Valentine, J. C. (2006). *The "what works" approach to research in education*. Presented at the Enhancing Education Through Technology Fall conference, Des Moines, IA.
- Valentine, J. C. (2006). *Heterogeneity of the evidence*. Presented at the North American Conference on Systematic Reviews, Baltimore, MD.
- Valentine, J. C. (2006). *Using research to inform practice and policy: Parallels in education and healthcare*. Presented at the 2006 Summer Institute on Evidence-Based Practice sponsored by the National League of Nursing, San Antonio, TX.
- Valentine, J. C. (2005). *How many studies do you need to do a meta-analysis?* Presented at the Nordic Social Science Conference, Copenhagen.
- Valentine, J. C., & McHugh, C. M. (2005). *The loneliness of group loss: Can a group ever be the same after its initial members flee?* Paper presented at the Department of Psychology Brown Bag series, Duke University.
- Valentine, J. C. (2004). *Assessing the quality of intervention research*. Paper presented at the Annual Meeting of the Society for Prevention Research, Quebec City.
- Valentine, J. C. (2004). *Experimental methods for educational interventions*. Discussant at the Annual Meeting of the American Educational Research Association, San Diego, CA.
- Valentine, J. C., & Cooper, H. (2004). *Quality in educational research on what works*. Paper presented at the Annual Meeting of the American Educational Research Association, San Diego, CA.
- Valentine, J. C. (2004). *Standards of evidence: What Works Clearinghouse and others*. Paper presented at the 4<sup>th</sup> Annual Campbell Collaboration Colloquium, Washington, DC.
- Valentine, J. C., & Cooper, H. (2004). *The effects of modified school calendars on student achievement and student and community attitudes*. Paper presented at the Annual Meeting of the National Association for Year-Round Education, San Diego, CA.



- Valentine, J. C., & DuBois, D. L. (2003). *The relations between self-beliefs and achievement: A meta-analytic review*. Paper presented at the Annual Meeting of the Society for Research in Child Development, Tampa, FL.
- Valentine, J. C., & Cooper, H. (2003). *Assessing study quality in research synthesis*. Paper presented at the 3<sup>rd</sup> Annual Campbell Collaboration Colloquium, Stockholm.
- Valentine, J. C. (2003). *What Works Clearinghouse Study Design and Implementation Device (Study DIAD)*. Presented at the conference of the State Collaborative on Assessment and Student Standards, Council of Chief State School Officers, New Orleans.
- Valentine, J. C., & Cooper, H. (2002). *An approach for assessing the design and implementation of studies of educational policies and practices*. Paper presented at the 1<sup>st</sup> meeting of the Campbell Collaboration Methods Groups, Baltimore, MD.
- Valentine, J. C., & Cooper, H. (2002). *Systematic reviewing for motivation research*. Paper presented at the Annual Meeting of the American Educational Research Association, New Orleans, LA.
- Valentine, J. C., & Cooper, H. (2002). *Systematic reviews in the social sciences: The Campbell Collaboration*. Paper presented at the 2<sup>nd</sup> Annual Campbell Collaboration Colloquium, Philadelphia, PA.
- Valentine, J. C. (2001). *The Campbell Collaboration and the promise of systematic research reviews*. Paper presented at the Annual Research Conference, Association for Public Policy Analysis and Management, Washington, D.C.
- Valentine, J. C. (2001). *Summer learning loss: What we know, and what we can do about it*. Paper presented at the Annual Meeting of the National School Boards Association: Council of Urban Boards of Education, San Diego, CA.
- Valentine, J. C. (1999). *Relationships between five after-school activities and academic achievement*. Paper presented at the Annual Meeting of the Midwestern Psychological Association, Chicago, IL.

## 9. Training Activities (Select)

- Valentine, J. C. & Waddington, H. (2016). *Quality appraisal of impact evidence*. Day-long workshop presented at the What Works Global Summit, London.
- Doyle, W., Valentine, J. C., Wilson, S. J., & Weiss, C. (2016). *Applying What Works Clearinghouse standards in postsecondary contexts*. Webinar hosted by the Institute of Education Sciences.
- Valentine, J. C. (2014). *Introduction to meta-analysis*. Workshop presented at the Campbell

Collaboration Colloquium, Queen's University Belfast.

- Valentine, J. C. (2014). *Moderator analysis*. Workshop presented at the Campbell Collaboration Colloquium, Queen's University Belfast.
- Valentine, J. C. (2013). *Measuring and assessing study quality*. Workshop presented at the Campbell Collaboration Colloquium, Loyola University – Chicago. Video available: <http://www.youtube.com/watch?v=4tsAED2-E2A>
- Valentine, J. C. (2011). *Problem formulation*. Workshop presented at the Joint Symposium for Evidence-Based Policy, sponsored by the Campbell Collaboration and the Center for Evidence-Based Crime Policy. George Mason University, Fairfax, VA. Video available: <http://www.youtube.com/watch?v=scRqSyemVOA>.
- Valentine, J. C. (2011). *Systematic reviews*. One day workshop presented at the “Mind the Gap: From Evidence to Policy Impact” conference sponsored by the National Institute of Public Health (Mexico), the Inter-American Development Bank, and the Center for Labor and Social Distributive Studies in coordination with the Impact Evaluation Network and the Economic Policy Network, Cuernavaca, Mexico.
- Valentine, J. C. (2010). *Systematic reviewing and meta-analysis*. One day workshop presented at the Centers for Disease Control, Atlanta.
- Valentine, J. C. (2009). *Fixed effects models and homogeneity analysis*. Presented at the 9<sup>th</sup> Annual Campbell Collaboration Colloquium, Oslo, Norway.
- Valentine, J. C. (2009). *Introduction to systematic reviewing*. Presented at the 9<sup>th</sup> Annual Campbell Collaboration Colloquium, Oslo, Norway.
- Valentine, J. C. (2009). *Systematic reviews and meta-analysis*. One day workshop presented at the joint conference of the African Evaluation Association, Network of Networks Impact Evaluation Initiative, and the International Initiative for Impact Evaluation, Cairo, Egypt.
- Pigott, T. D. & Valentine, J. C. (2008). *Campbell Collaboration Training in Systematic Reviews*. Two and a half day workshop presented at the University of Leiden, the Netherlands.
- Valentine, J. C. (2008). *Fixed effects models and homogeneity analysis*. Presented at the 8<sup>th</sup> Annual Campbell Collaboration Colloquium, Vancouver, Canada.
- Valentine, J. C. (2008). *Introduction to systematic reviewing*. Presented at the 8<sup>th</sup> Annual Campbell Collaboration Colloquium, Vancouver, Canada.
- Valentine, J. C. (2008). *Campbell Collaboration protocols for systematic reviews: Common methodological problems and how to avoid them*. Half-day workshop presented to the Norwegian Knowledge Centre for the Health Services, Oslo.

- Valentine, J. C. (2007). *Systematic reviews and meta-analysis*. Two-day workshop presented to the Center for Career and Technical Education, Alexandria, VA.
- Littell, J., Valentine, J. C., & Bjorndal, A. (2007). *Systematic reviews and meta-analysis*. Two day workshop presented to the Institute for Evidence-Based Social Work Practice, Stockholm.
- Littell, J., & Valentine, J. C. (2007). *Systematic reviews and meta-analysis*. One day preconference workshop for the Society for Social Work Research, San Francisco.
- Valentine, J. C. (2005). *Single case research*. Presented at the Office of Special Education Program's Project Director's Conference, Washington, DC.
- Valentine, J. C. (2005). *Fundamentals of preparing a Campbell Collaboration review protocol*. Paper presented at the 5<sup>th</sup> Annual Campbell Collaboration Colloquium, Lisbon, Portugal.
- Valentine, J. C. (2002). *Research synthesis and meta-analysis*. One-day workshop presented at the Graduate School of Education, University of Pennsylvania, Philadelphia.
- Valentine, J. C. (2001). *Systematic reviews and meta-analysis*. One day workshop presented for the Smith-Richardson Foundation, Washington DC.

### **Service Activities**

#### *University:*

Member, Scholars at Risk Committee

Consultant, Clinical and Translational Research Support Center, University of Louisville School of Medicine (2012 – 2014)

Member, Dean Search Committee for the College of Education and Human Development, University of Louisville (2009 – 2010)

Faculty Mentor for Undergraduate Research, University of Louisville (2008 – 2011)

Member, Ideas 2 Action Assessment Subcommittee, University of Louisville. (2008-2009).

Faculty Senate, University of Louisville. (2007-2009).

Member, Ideas 2 Action Quality Evaluation Plan Task Group, University of Louisville. (2007-2009).

Member, Undergraduate Research Steering Committee, University of Louisville. (2007-2010).

Member, Critical Thinking Implementation Group, University of Louisville. (2007).

*College:*

Member, Counseling and Counseling Psychology Chair Search Committee (2017)

Chair and Member, Faculty Advisory Council (Member 2011-2016; Chair 2016 - present)

Chair, Educational and Counseling Psychology Chair Search Committee (2012)

Member, External Funding Buyouts committee (2012)

Member, Associate Dean for Research search committee, College of Education and Human Development, University of Louisville (2012).

Member, 2011 Grawemeyer Award in Education, Faculty Review Committee, College of Education and Human Development, University of Louisville (2010).

Chair and Member, Research and Faculty Development Committee, College of Education and Human Development, University of Louisville (Member 2008 – 2009; Chair 2009-2016)

Member, NCATE Reaccreditation Committee, Standard 2, College of Education and Human Development, University of Louisville. (2007-2009).

Member, Diversity Committee, College of Education and Human Development, University of Louisville. (2007).

*Departmental:*

Scientific Reviewer, Institutional Review Board (2016 – present)

Program Coordinator, Educational Psychology, Measurement, and Evaluation program, Department of Counseling and Human Development (2011 – present)

Chair, Educational Psychology, Measurement, and Evaluation Search Committee, Department of Educational and Counseling Psychology, University of Louisville (2011)

Member, Educational Leadership, Foundations, and Human Resources Search Committee, College of Educational and Human Development, University of Louisville (2011 – present)

Program Coordinator, Educational Psychology, Measurement, and Evaluation (EPME) (2009-present)

Educational and Counseling Psychology Personnel Committee (2009-2011)

Co-Chair, Educational Measurement and Quantitative Methods Search Committee, Department of Educational & Counseling Psychology, University of Louisville (2008)

Member, Counseling Psychology Doctoral Admissions Committee, Department of Education and Counseling Psychology, University of Louisville. (2007, 2008).

Member, Educational and Counseling Psychology Faculty Search Committee, Department of Education and Counseling Psychology, University of Louisville. (2006, 2007).

Member, Educational and Counseling Psychology Department Chair Search Committee, Department of Education and Counseling Psychology, University of Louisville. (2007, 2008).

Member, Education Sciences committee, Department of Education and Counseling Psychology, University of Louisville. (2006-2007).

Chair, Teaching Social Psychology: A Team-based Approach. Work group for the Department of Psychology, Social and Health Sciences, Duke University. (2005).

Student representative, Department of Psychological Sciences Social Search Committee, University of Missouri – Columbia. (2001-2002).

Student representative, Department of Psychological Sciences Curriculum Committee, University of Missouri - Columbia. (2001-2002).

Student representative, Department of Psychological Sciences Social Training Committee, Student Representative. University of Missouri - Columbia. (1998-2000).