Curriculum Vitae

Jack L.Vevea
jvevea@ucmerced.edu
http://faculty.ucmerced.edu/jvevea

Home address:
1412 7th Ave., #8
Santa Cruz, CA 95062

(831) 477-0655

Office address:
School of Social Sciences,
Humanities and Arts
The University of California
5200 North Lake Road
Merced, CA 95343

(209) 228-4589

Education:

The University of Chicago, Department of Education. Ph.D. program in Measurement, Evaluation and Statistical Analysis (1988 to 1996). Ph.D. awarded June, 1996.

San Francisco State University. M.S. program in Experimental Psychology (1986 to 1988).

University of California, Berkeley. A.B. program in Greek (1975 to 1977). A.B. degree awarded December 1977.

San Francisco State University (1974 to 1975). B.A. program in Classics.

Honors:

Golden Apple award for outstanding teaching in the social sciences, 2007.

Society for Research Synthesis Methodology, 2005-present. (Membership by invitation.)

Gordon Allport Intergroup Relations Prize, 2003-2004.

University of North Carolina Psi Chi award for teaching excellence, 2002.

Century Fellowship, The University of Chicago, 1988 to 1991.

Helen B. and Herbert J. Walberg Prize for Scholarly Distinction, 1995.

Employment:

Vice Provost for Undergraduate Education and Dean of College One (January 2011 to present). The University of California at Merced.

Associate Professor (July 2008 to present).
The University of California at Merced.
School of Social Sciences, Humanities and Arts.
Quantitative Psychology.

Associate Professor (July 2006 to June 2008).
The University of California at Santa Cruz,
Department of Psychology, Cognitive Program.
(Area head, Cognitive Psychology, July 2007-June 2008.)

Assistant Professor (July 2002 to June 2006).
The University of California at Santa Cruz,
Department of Psychology, Cognitive Program.

Assistant Professor (January 1996 to June 2002).
The University of North Carolina at Chapel Hill,
Department of Psychology, Quantitative Program.

Instructor with special provision (July 1995 to January 1996).
The University of North Carolina at Chapel Hill,
Department of Psychology, Quantitative Program.

Instructor (Fall 1991, Fall 1992).
The University of Chicago, Department of Education.
Taught Education 306, Introduction to Quantitative Inquiry.

Research Assistant (1988 to 1995).
The University of Chicago, Department of Education.
Various duties including data analysis, development of mathematical models in psychology, and computer programming.

Teaching Assistant (1988 to 1990).
The University of Chicago, Department of Education.
Assisted teaching Education 306 and 307, Introduction to Quantitative Inquiry I and II.

Teaching Assistant (1986 to 1987).
San Francisco State University, Department of Psychology.
Assisted teaching introductory and intermediate courses in statistics and psychological measurement.

Funded research activity:

2009-present: Co-Principal Investigator, "Measuring vocabulary knowledge with testlets: A new tool for assessment." U.S. Department of Education, IES Grant R305A090550 (7/2009 – 6/2013).

2002-2007: Co-principal Investigator (with Larry V. Hedges): "Environmental and biological variation and language growth, statistical core C." Funded by The National Institutes of Health.

2001-2002: Consultant: "To raise achievement and promote diversity: Socioeconomic integration in a southern school system," Susan Flinspach and Karen Banks, Principal Investigators. Funded by the Spencer Foundation.

2001-2002: Co-principal Investigator (with David Thissen): "Research in support of the North Carolina Department of Public Instruction Testing Programs—2001-2002," North Carolina Department of Public Instruction.

2000-2001: Co-principal Investigator (with David Thissen): "Research in support of the North Carolina Department of Public Instruction Testing Programs—2000-2001," North Carolina Department of Public Instruction.

2000: Consultant: "Environmental and biological variation and language growth," Susan Goldin-Meadow, Principal Investigator. Funded by the National Institutes of Health.

1999-2000: Consultant: "A meta-analysis of school surveys to assess effectiveness of community prevention programs," Denise Hallfors, Principal Investigator, National Institute on Drug Abuse.

1999-2000: Co-principal Investigator (with David Thissen): "Research in support of the North Carolina Department of Public Instruction Testing Programs—1999-2000," North Carolina Department of Public Instruction.

1999: Principal Investigator: "Detecting and correcting selection bias," R.J. Reynolds Fund Award, 1999.

1998-1999: Co-principal Investigator (with David Thissen): "Research in support of the North Carolina Department of Public Instruction Testing Programs—1998-99," North Carolina Department of Public Instruction.

1997-1998: Co-principal Investigator (with David Thissen): "Research in support of the North Carolina Department of Public Instruction Testing Programs—1997-98," North Carolina Department of Public Instruction.

1997: Principal Investigator: "Statistical methods for analyzing large data sets," Mason and Linda Stephenson Faculty Award.

Editorial experience:

Editorial board, *Research Synthesis Methods*, 2009-.

Editorial board, *Psychological Methods*, 2004-2006.

Associate editor, *Journal of Educational and Behavioral Statistics*, 1998-2002.

Consulting editor, *Journal of Personality and Social Psychology*, 1997-2002.

Student editorial board, *American Journal of Education*, 1991.

Reviewed manuscripts for:

American Educational Research Association, American Journal of Education, British Journal of Mathematical and Statistical Psychology, the Campbell Collaboration, Controlled Clinical Trials, Educational Evaluation and Policy Analysis, Education Review, Evaluation Practice, Journal of Abnormal Psychology, Journal of Clinical Psychology, Journal of Educational and Behavioral Statistics, Journal of Educational Statistics, Journal of Personality and Social Psychology, Multivariate Behavioral Research, National Literacy Panel (Institute of Education Sciences), National Research Council of the National Academies, Oxford Bulletin of Economics and Statistics, Psychological Bulletin, Psychological Methods, and *Psychometrika.*

Reviewed grants for:

Institute of Education Sciences.

Publications:

Edwards, M.C., & Vevea, J.L. (under review). Who Can Benefit from Subscore Augmentation? Investigating the Performance of Augmented Subscores as a Function of Examinee Characteristics.

Flinspach, S.L., Scott, J.A., Miller, T.F., Samway, K.D., & Vevea, J.L. (under review). Looking at cognates: What's importante y necesario in instruction?

Flinspach, S.L., Scott, J.A., & Vevea, J.L. (under review). Rare words in students' writing as a measure of vocabulary.

Huttenlocher, J., Waterfall, H.R., Vasilyeva, M., Vevea, J.L. & Hedges, L.V. (2010). Sources of variability in children's language growth. *Cognitive Psychology, 61,* 343-365.

Scott, J.A., Flinspach, S.L., Miller, T.F., Gage-Serio, O., & Vevea, J.L. (2009). An analysis of reclassified English learners, English learners and native English fourth graders on assessments of receptive and productive vocabulary. In K.M. Leander, D.W. Rowe, D.K. Dickinson, M.K. Hundley, R.T. Jimenez, V.J. Risko (Eds.), *58th Yearbook of the National Reading Conference* (pp. 312-329). Oak Creek, WI: National Reading Conference.

Orwin, R.G., & Vevea, J.L. (2009). Evaluating coding decisions. In Cooper, H., & Hedges, L.V., *The Handbook of Research Synthesis (2nd Edition),* 177-203. New York: Russel Sage Foundation.

Scott, J.A., Hoover, M., Flinspach, S.L. & Vevea, J.L. (2008). A multiple-level vocabulary assessment tool: Measuring word knowledge based on grade-level materials. In Kim, Y., Risko, V.J., Compton, D.L., Dickinson, D.K., Hundles, M.K., Jimenes, R.T., Leandor, K.M. & Rowe, D.W. (Eds.), *57th Annual Yearbook of the National Reading Conference.*

Huttenlocher, J., Vasilyeva, M., Waterfall, H.R., Vevea, J.L. & Hedges, L.V. (2007). The varieties of speech to young children. *Developmental Psychology, 43,* 1062-1083.

Sedikides, C., Gaertner, L. & Vevea, J. L. (2007). Evaluating the evidence for pancultural self-enhancement. *Asian Journal of Social Psychology, 10,* 201-203.

Sedikides, C., Gaertner, L., & Vevea, J.L. (2007). The inclusion of theory-relevant moderators yields the same conclusions as Sedikides, Gaertner, and Vevea (2005): A meta-analytic reply to Heine, Kitayama, and Hamamura. *Asian Journal of Social Psychology, 10,* 59-67.

Vevea, J.L. (2006). Recovering stimuli from memory: A statistical method for linking discrimination and reproduction responses. *British Journal of Mathematical and Statistical Psychology, 59,* 321-346.

Edwards, M.C. & Vevea, J.L. (2006). An empirical Bayes approach to subscore augmentation: How much strength can we borrow? *Journal of Educational and Behavioral Statistics, 31,* 241-259.

Hedges, L.V. & Vevea, J.L. (2005). Selection method approaches. In Rothstein, H., Sutton, A. & Borenstein, M. (eds.), *Publication Bias in Meta-Analysis: Prevention, Assessment and Adjustments*, 145-174. Chichester, West Sussex: Wiley.

Sedikides, C., Gaertner, L. & Vevea, J.L. (2005). Pancultural self-enhancement reloaded: A meta-analytic reply to Heine. *Journal of Personality and Social Psychology*, 539-551.

Vevea, J.L. & Woods, C.M. (2005). Publication bias in research synthesis: Sensitivity analysis using a priori weight functions. *Psychological Methods*, 428-443.

Wildschut, T., Pinter, B., Vevea, J.L., Insko, C.A. & Schopler, J. (2003). Beyond the group mind: a quantitative review of the interindividual-intergroup discontinuity effect. *Psychological Bulletin, 129*, 698-722. (Winner of the 2003-2004 Gordon Allport Intergroup Relations Prize, awarded by the Society for the Psychological Study of Social Issues, Division 9 of the APA.)

Woods, C. M., Vevea, J. L., Chambless, D. L. & Bayen, U. J. (2002). Are compulsive checkers impaired in memory? A meta-analytic review. *Clinical Psychology: Science and Practice, 9,* 367-380.

Gaertner, L., Sedikides, C., Vevea, J. L. & Iuzzini, J. (2002). The "I," the "we," and the "when": a meta-analysis of motivational primacy in self-definition. *Journal of Personality and Social Psychology, 83*, 574-591.

Hallfors, D., Vevea, J., Iritani, B., Cho, H., Khatapoush, S, & Saxe, L. (2002). Truancy, grade point average and sexual activity: a meta-analysis of risk indicators for substance use. *Journal of School Health, 72,* 205-211.

Wainer, H., Vevea, J. L., Camacho, F., Reeve, B., Rosa, K., Nelson, L., Swygert, K., & Thissen, D. (2001). Augmented Scores—"Borrowing Strength" to Compute Scores Based on Small Numbers of Items. In Thissen, D. & Wainer, H. (eds.), *Test Scoring*, 343-387. New Jersey: Lawrence Erlbaum Associates, Inc.

Hedges, L.V. & Vevea, J.L. (2001). Meta-analysis: Tools. In Smelser, N.J. & Baltes, P.B. (eds.), *International Encyclopedia of the Social and Behavioral Sciences*, 9724-9730. Oxford: Pergamon.

Vevea, J.L. (2000). Why representative research? (A methodological note.) *Representative Research in Social Psychology, 24*, 1-10.

Huttenlocher, J., Hedges, L.V., & Vevea, J.L. (2000). Why do categories affect stimulus judgment? *Journal of Experimental Psychology, General, 129,* 220-241.

Tang, R., Vevea, J. L., & Shaw, W. M., Jr. (1999). Towards the identification of the optimal number of relevance categories. *Journal of the American Society for Information Science, 50,* 254-264.

Hedges, L.V. & Vevea, J.L. (1998). Fixed- and random-effects models in meta-analysis. *Psychological Methods, 3*, 486-504.

Huttenlocher, J., Levine, S., & Vevea, J. (1998). Environmental input and cognitive growth: A study using time period comparisons. *Child Development, 69*, 1012-1029.

Hedges, L.V. & Vevea, J.L. (1997). *A study of equating in NAEP* (NAEP Validity Studies). Palo Alto, CA: American Institutes for Research.

Hedges, L.V. & Vevea, J.L. (1996). Estimating effect size under publication bias: Small sample properties and robustness of a random effects selection model. *Journal of Educational and Behavioral Statistics, 21*, 299-333.

Vevea, J.L. (1996). *Some mathematical models for distance in memory*. Unpublished doctoral dissertation, University of Chicago, Chicago.

Vevea, J.L., & Hedges, L.V. (1995). A general linear model for estimating effect size in the presence of publication bias. *Psychometrika*, *60*, 419-435.

Vevea, J.L., Clements, N.C., & Hedges, L.V. (1993). Assessing the effects of selection bias on validity data for the general aptitude test battery. *Journal of Applied Psychology*, *78*, 981-987.

Conference presentations and talks:

Vevea, J.L., & Citkowicz, M. (2010, July). Meta-Analysis of Growth Curves from Sample Means. Paper presented at the annual meeting of the Society for Research Synthesis Methodology, Cartagena, Spain.

Flinspach, S.L., Vevea, J.L., & Scott, J.A. (2010, June). VASE Vocabulary Assessment: A New Tool for Assessing Fourth- and Fifth-Grade Students. Poster presented at the annual Institute of Education Sciences Research Conference, National Harbor.

Flinspach, S.L., Scott, J.A., Miller, T.F., Vevea, J.L., & Zeamer, C. (2009, December). Rare words in students' writing as a measure of vocabulary. Paper presented at the annual meeting of the National Reading Conference, Albuquerque.

Scott, J.A., Flinspach, S.L., Miller, T.F., Vevea, J.L., & Gage-Serio, O. (2009, December). Vocabulary growth over time: Results of a multiple-level vocabulary assessment based on grade-level materials. Paper presented at the annual meeting of the National Reading Conference, Albuquerque.

Citkowicz, M. & Vevea, J.L. (2009, May). *Conditionally random inference in meta-analysis: a Monte Carol study.* Poster presented at the 21st annual convention of the Association for Psychological Science, San Francisco.

Scott, J.A., Vevea, J.L., Flinspach, S.L., Samway, K. Davies, & Miller, T.F. (2008, December). A rare-word analysis of fourth-grade writing: What does it say about ELs? Paper presented at the annual meeting of the National Reading Conference, Orlando.

Vevea, J.L. & Citkowicz, M. (2008, July). *Inference and estimation using conditionally random models: a Monte Carlo study.* Paper presented at the third annual meeting of the Society for Research Synthesis Methodology, Corfu, Greece.

Scott, J.A., Hoover, M., Flinspach, S.L., & Vevea, J.L. (2007, December). A multiple level assessment tool: Measuring word knowledge based on grade level materials. Paper presented at the annual meeting of the National Reading Conference, Austin.

Vevea, J.L. (2007, August). Random-Effects Meta-Analysis when the Variance Component Depends on Study Characteristics. Invited symposium on *Meta-Analysis--Current and Future Directions*, Dena A. Pastor, chair, presented at the annual meeting of the American Psychological Association, San Francisco.

Crawford, L.E., Jones, E.L. & Vevea, J.L. (2006, November). *Using motor responses to form categories in a stimulus estimation task.* Poster presented at the annual meeting of the Psychonomic Society, Houston, TX.

Vevea, J.L. (2006, August). *Models for variance components that depend on study characteristics.* Paper presented at the first annual meeting of the Society for Research Synthesis Methodology, Cambridge, England.

Betts, T.E., DeStigter, J., Hoover, M.A., Nguyen, D.V., Shelby, R.D. & Vevea, J.L. (2006, May). (Authorship in alphabetical order.) *That is not the dot I saw: the category adjustment model and discrimination.* Poster presented at the annual meeting of the Association for Psychological Science, New York, NY.

Vevea, J.L. & Edwards, M.C. (2006, April). *Who can benefit from subscore aubmentation? Investigating the characteristics of simulees for whom augmented subscores are more accurate than non-augmented scores.* Paper presented at the annual meeting of the National Council for Measurement in Education, San Francisco, CA.

Vevea, J.L. (2004, April). *Complementary Methods for Research in Education II: Meet the Authors and Reviewers (Part A). Presidential Invited Session. Table 20: Meta-Analysis: the Quantitative Synthesis of Research Findings.* (Chapter Reviewer.) Roundtable presented at the annual meeting of the American Education Research Association, San Diego, CA.

Vevea, J.L. (2001, June). *Publication bias in research synthesis: Sensitivity analysis using* a priori *weight functions*. Paper presented at the annual meeting of the Psychometric Society, Valley Forge, PA.

Hedges, L.V. & Vevea, J.L. (2001, April). *A study of equating in NAEP*. Paper presented at the annual meeting of the National Council on Measurement in Education, Seattle, WA.

Hallfors, D., Vevea, J.L., Iritani, B., Cho, H., & Khatapoush, S. (2000, November). *Evaluating community coalitions: A meta-analysis of secondary school surveys.* Poster presented at the annual meeting of the American Public Health Association, Boston, MA.

Vevea, J.L. & Reeve, B.B. (2000, July). *An operational example of subscore augmentation with IRT-based scales.* Paper presented at the annual meeting of the Psychometric Society, Vancouver, BC.

Hallfors, D., Vevea, J.L., Iritani, B., Cho, H., Khatapoush, S., Schudel, K., & Pankratz, (2000, June). *Meta-analysis of school surveys to assess community prevention efforts.* Symposium presented at the annual meeting of the Society for Prevention Research, Montreal, Quebec.

Vevea, J.L., & Hafdahl, A.R. (2000, April). *Meta-analysis with stochastic conditional variances.* Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.

Hallfors, D., Vevea, J.L., Iritani, B., Khatapoush, S., Cho, H., & Schudel, K. (1999, November). *Meta-analysis of school surveys to assess community prevention efforts.* Paper presented at the annual meeting of the American Public Health Association, Chicago, IL.

Hallfors, D., Vevea, J.L., Iritani, B., & Cho, H. (1999, September). *Meta-analysis of school surveys to assess community prevention efforts.* Poster presented at the National Institute on Drug Abuse conference, ``NIDA: Celebrating a Quarter Century of Scientific Progress," Bethesda, MD.

Vevea, J.L (1999, September). *Detecting and correcting for publication bias in meta-analysis.* Paper presented at the Gertrude M. Cox Statistics Conference, Research Triangle Park, NC.

Vevea, J.L. (1999, June). *A model-building approach to Q_3 analysis.* Paper presented at the annual meeting of the Psychometric Society, Lawrence KA.

Vevea, J.L., Billeaud, K., & Nelson, L. (1998, June). *An empirical Bayes approach to subscore augmentation*. Paper presented at the annual meeting of the Psychometric Society, Urbana IL.

Vevea, J.L., & Hedges, L.V. (1996, April). *Meta-analysis under publication bias: compensating for selection in small data sets*. Paper presented at the annual meeting of the American Educational Research Association, New York, NY.

Vevea, J.L. (1994, August). *Detecting and correcting for publication bias*. Part of a presession workshop on statistical methods for meta-analysis presented at the annual meeting of the American Psychological Association, Los Angeles, CA.

Vevea, J.L. (1994, April). *A model for estimating effect size in the presence of publication bias*. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.