

Jill Lynn Adelson

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College of Education and Human Development
Educational and Counseling Psychology Department
Educational Psychology, Measurement, and Evaluation Program
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EDUCATION

Ph.D. in Educational Psychology, Neag School of Education, University of Connecticut, Storrs, CT.
Joint degree in Measurement, Evaluation, and Assessment and in Gifted Education. Cognate in Mathematics Education.

Dissertation: *Examining the Effects of Gifted Programming in Mathematics and Reading Using the ECLS-K*.

May, 2009.

Certificate in Quantitative Research Methods in Psychology, Department of Psychology, University of Connecticut, Storrs, CT.

Research paper: *Using the Propensity Score to Make Causal Inferences: The Effects of Variable Selection and Number and Type of Strata*.

August, 2008.

M.A. Ed. in Curriculum and Instruction, The College of William and Mary, Williamsburg, VA.

Specialization: Gifted Education.

Master's Thesis: *The Gifted Girl and Mathematics: A Study of the Mathematical Attitudes and Self-Concepts of Gifted Girls in the Self-Contained Gifted Fourth and Fifth Grade Classroom and the Impact of External Influences on Them*.

August, 2005.

B.A. in Elementary Education, Transylvania University, Lexington, KY.

Emphases in Math and Science and in Social Studies. Minor in Psychology.

May, 2001.

PROFESSIONAL EXPERIENCE

Assistant Professor. Educational Psychology, Measurement, and Evaluation Program, Educational and Counseling Psychology Department, College of Education and Human Development, University of Louisville. 2009 to present.

Independent Measurement and Research Methodology Consultant. Specializing in multilevel modeling, instrument design, and research design. 2008 to present.

Independent Educational Consultant. Specializing in gifted education, mathematics education, and grant writing and implementation. 2005 to present.

Project Evaluator. Math ACCESS (Academic Content and Communication Equals Student Success) Teacher Quality Partnership Grant, Department of Curriculum and Instruction, University of Connecticut. 2008 to 2009.

Research Associate. Measurement, Evaluation, and Assessment Program, Department of Educational Psychology, University of Connecticut. 2007 to 2009.

Adjunct Faculty. Department of Educational Psychology, Neag School of Education, University of Connecticut. 2006 to 2008.

Quantitative Methodologist. Preservice Teachers' Confidence of Evidence-Based Decisions (PEBD), Neag School of Education, University of Connecticut. 2007 to 2008.

Instructor. Department of Educational Psychology, Neag School of Education, University of Connecticut. 2007.

Research Associate. Project M³: Mentoring Mathematical Minds and Project M²: Mentoring Young Mathematicians, Neag Center for Gifted Education/Talent Development, Department of Educational Psychology, University of Connecticut. 2005 to 2008.

Graduate/Research Assistant. Center for Gifted Education, Curriculum and Instruction Department, The College of William and Mary. 2004.

Teacher. Grade 4 Self-Contained Gifted and Talented. B. C. Charles Elementary School, Newport News, VA. 2001 to 2005.

UNIVERSITY COURSES AND WORKSHOPS TAUGHT

University of Louisville Courses. Hierarchical Linear Modeling, Structural Equation Modeling, Measurement and Evaluation, Supervised Research, Independent Study in Secondary Data Analysis.

University of Connecticut Courses. Assessment I, Assessment II, Critical Issues (Readings) in Gifted Education, Teaching Mathematically Talented Elementary Students, Hierarchical Linear Modeling (TA).

University of Connecticut Workshops. Hierarchical Linear Modeling Workshop (TA).

Yale University Workshops. Hierarchical Linear Modeling Workshop (TA).

HONORS AND AWARDS

Research Grants

Research Agenda Support Program Small Grant, Collaborative Center for Literacy Development, 2010-2011. *Literacy Patterns across Kentucky*, PI, \$10,000.

Research and Faculty Development Grant, University of Louisville, College of Education and Human Development, 2010-2011. *Examining Fourth Grade Teachers' Feelings of Preparedness in Mathematics Content Areas*, PI, \$2,916.

Esther Katz Rosen Fellowship for Research and Programs on Giftedness in Children, American Psychological Foundation (APF), 2008. *A Gift for All? Examining the Effects of Gifted Programming on All Students*, PI, \$25,000.

Dissertation Research Grant, American Educational Research Association (AERA), 2008. *A Gift for All? Examining the Effects of Gifted Programming on All Students*, PI, selected to receive \$15,000.

Other Fellowships, Grants, and Scholarships

Research and Faculty Development Grant, University of Louisville, College of Education and Human Development, 2010-2011. *Mplus Short Course Sequence: Enhancing HLM and SEM Skills*, \$4,885.

Research and Faculty Development Grant, University of Louisville, College of Education and Human Development, Summer 2010. *Strengthening Structural Equation Modeling Pedagogy and Skills*, \$1,807.

American Psychological Association (APA) Division 15: Educational Psychology *Dissertation Research Grant*, 2008

Phi Delta Kappa, University of Connecticut Chapter, *Doctoral Dissertation Scholarship*, 2008

Friends & Colleagues of Francis X. Archambault, Jr. Fellowship Scholarship, Teachers for a New Era Project, 2008

Robert K. Gable Scholarship, University of Connecticut, Department of Educational Psychology, 2008

Barbara Clark Scholarship Fund, World Council for Gifted and Talented Children, 2007

J. Raymond and August Gerberich Fellowship Fund for superior academic achievement and leadership, nominated by the University of Connecticut, Department of Educational Psychology, 2007

Children's Basic Needs Endowment Fund Scholarship for research on children from low-income backgrounds, University of Connecticut's Neag School of Education, 2007

Neag Graduate Student Association *Travel Grant Award*, Spring, 2009; Fall, 2006; Spring, 2006

Curriculum Studies Division Attendance Grant, National Association for Gifted Children, 2004

A. Harry Passow Classroom Teacher Scholarship, National Association for Gifted Children, 2003

National Gardening Association Youth Garden Grant, co-principal author, B. C. Charles Elementary School, Newport News, VA, 2004

Awards

Outstanding Dissertation Award, American Educational Research Association (AERA) Division H: Research, Evaluation, and Assessment in Schools, 2010

Dissertation Award Third Place, National Association for Gifted Children: Research and Evaluation Network, 2010

Gifted Child Quarterly Paper of the Year, National Association for Gifted Children, 2009

Doctoral Student Award, National Association for Gifted Children, 2009

Most Outstanding Paper, National Association for Gifted Children: Research and Evaluation Network Research Gala, 2009

Doctoral Level Completed Work First Place Award, National Association for Gifted Children: Research and Evaluation Network Research Gala, 2009

Graduate Student Award, American Educational Research Association (AERA) SIG on Survey Research in Education 2009

Student Travel Award, American Psychological Association (APA), 2009

Graduate Student Award, Phi Kappa Phi, University of Connecticut Chapter, 2009

Doctoral Level In-Progress Work Third Place Award, National Association for Gifted Children: Research and Evaluation Network Research Gala, 2008

Curriculum Award, National Association for Gifted Children Curriculum Studies Division, 2006, 2007, 2008

Doctoral Level Completed Work Silver Award, National Association for Gifted Children: Research and Evaluation Division Research Gala, 2006

Award for Distinguished Service from Virginia Congress of Parents and Teachers in recognition and appreciation of outstanding leadership and service to children and youth, 2003

Honor Societies

Phi Delta Kappa, international honor society in education

Phi Kappa Phi, all-discipline honor society

Kappa Delta Pi, international honor society in education

Omicron Delta Kappa, leadership honorary

PUBLICATIONS

Peer-Reviewed Articles

Adelson, J. L. (In press). Examining relationships and effects in gifted education research: An introduction to structural equation modeling. *Gifted Child Quarterly*.

Adelson, J. L., & Owen, J. (In press). A practitioner's guide to understanding multilevel modeling: Putting the psychotherapist back into psychotherapy studies. *Psychotherapy*.

Niehaus, K. *, Rudasill, K. M., & **Adelson, J. L.** (In press). Self-efficacy, intrinsic motivation, and academic outcomes among Latino middle school students participating in an after-school program. *Hispanic Journal of Behavioral Sciences*.

Truxaw, M. P., Casa, T. M., & **Adelson, J. L.** (In press). A stance toward inquiry: An investigation of preservice teachers' confidence regarding educational inquiry. *Teacher Education Quarterly*.

Adelson, J. L., & Carpenter, B. D.* (2011). Grouping for achievement gains: For whom does achievement grouping increase kindergarten reading growth? *Gifted Child Quarterly*. Advance online publication. DOI 10.1177/0016986211417306

Adelson, J. L., & McCoach, D. B. (2011). Development and psychometric properties of the Math and Me Survey: Measuring third through sixth graders' attitudes towards mathematics. *Measurement and Evaluation in Counseling and Development*, 44, 225-247. DOI 10.1177/0748175611418522

Adelson, J. L., & McCoach, D. B. (2010). Measuring the mathematical attitudes of elementary students: The effects of a 4-point or 5-point Likert scale. *Educational and Psychological Measurement*, 70, 796-807. 10.1177/0013164410366694

McCoach, D. B., & **Adelson, J. L.** (2010). Dealing with dependence (Part I): Understanding the effects of clustered data. *Gifted Child Quarterly*, 54, 152-155. DOI: 10.1177/0016986210363076

- Gavin, M. K., Casa, T. M., **Adelson, J. L.**, Carroll, S. R., & Sheffield, L. J. (2009). The impact of advanced curriculum on the achievement of mathematically promising elementary students. *Gifted Child Quarterly*, 53, 188-202.
- Adelson, J. L.** (2007). A “perfect” case study: Perfectionism in academically talented fourth graders. *Gifted Child Today*, 30(4), 14-20.
- Gavin, M. K., Casa, T. M., **Adelson J. L.**, Carroll, S. R., Sheffield, L. J., & Spinelli, A. M. (2007). Project M³: Mentoring Mathematical Minds: Challenging curriculum for talented elementary students. *Journal of Advanced Academics*, 18, 566-585.
- Halter, J. L.** (2005). Biographies of eminence: A comparative analysis of the talent development of Erdős and Ramanujan, eminent mathematicians. *Current Trends in Gifted Education*, 2 (1), 20-28.

Journal Articles in Review or Revision

- Adelson, J. L.** (In revision). The effects of varying sample sizes and covariate inclusion in three-level growth models.
- Adelson, J. L.** (In revision). Propensity score analysis: Estimating treatment effects with observational data.
- Adelson, J. L.**, McCoach, D. B., & Gavin, M. K. (In review). Examining the effects of gifted programming in mathematics and reading using the ECLS-K.
- Adelson, J. L.**, McCoach, D. B., Rogers, H. J., Adelson, J. A., & Sauer, T. M.* (Accepted pending revisions). Using the propensity score to make causal inferences: Variable selection and stratification issues.
- Adelson, J. L.**, & Sauer, T. M.* (In revision). Professional development and teachers’ feelings of preparedness to teach mathematics content strands: A multi-group analysis of TIMSS data.
- Gavin, M. K., Casa, T. M., **Adelson, J. L.**, & Firmender, J. (In review). The impact of advanced geometry and measurement units on the achievement of Grade 2 students.
- Molfese, V. J., Brown, E. T., **Adelson, J. L.**, Rudasill, K. M., Beswick, J., White, J*...Culver, B. (In revision). Mathematics activities in pre-kindergarten classrooms and early mathematics performance.
- Niehaus, K.,* & **Adelson, J. L.** (In review). Measuring self-concept: Within- and between-group comparisons of English language learners and English-proficient children.
- Owen, J., Imel, Z., **Adelson, J. L.**, Thomas, L., & Rodolfa, E. (In review). Racial/ethnic mental health disparities in client termination status: Therapists’ cultural competence.
- Pössel, P., **Adelson, J. L.**, & Hautzinger, M. (In review). A randomized trial to evaluate the course of effects of a program to prevent adolescent depressive symptoms over 12 months.
- Wilson, H. E., & **Adelson, J. L.** (In review). College choices of academically talented secondary students.
- * indicates a UofL graduate student

Editorial Experience, Peer-Reviewed Journals

- Associate Editor for *Journal of Advanced Academics*, 2011 to present
- Editorial Board Member for *Journal of Educational Research*, 2009 to present
- Editorial Board Member for *Gifted Child Quarterly*, 2010 to present
- Editorial Board Member for *Teaching for High Potential*, 2010 to present
- Ad hoc reviewer for *American Educational Research Journal*, 2010-2011

Ad hoc reviewer for *Journal of Advanced Academics*, 2007-2011
Ad hoc reviewer for *Teaching Children Mathematics*, 2007-2011
Ad hoc reviewer for *Psychotherapy: Theory, Research, Practice, Training*, 2010-2011
Ad hoc reviewer for *Journal of Educational Psychology*, 2008, 2010-2011
Ad hoc reviewer for *Multivariate Behavioral Research*, 2010
Ad hoc reviewer for *Frontiers in Quantitative Psychology and Measurement*, 2010
Ad hoc reviewer for *Learning and Individual Differences*, 2010
Ad hoc reviewer for *Gifted Child Quarterly*, 2009-2010
Ad hoc reviewer for *Journal of Education for Students Placed At Risk*, 2009

Peer-Reviewed Chapters

Shafto, C. L.*, & Adelson J. L. (In press). A random intercept regression model using HLM: Cohort analysis of a mathematics curriculum for mathematically promising students. In G. D. Garson (Ed.), *Hierarchical linear modeling: Guide and applications*. Thousand Oaks, CA: Sage.

Gavin, M. K., & Adelson, J. L. (2008). Mathematics, elementary. In C. Callahan & J. Plucker (Eds.), *Critical issues and practices in gifted education: What the research says* (pp. 367-394). Waco, TX: Prufrock Press.

* indicates a UofL graduate student

Reviewer Experience, Peer-Reviewed Books

Reviewer for SAGE Publications, Research Methods, Statistics, and Evaluation

Books and Chapters

Adelson, J. L., & Wilson, H. E. (2009). *Letting go of perfect: Overcoming perfectionism in kids*. Waco, TX: Prufrock Press.

Adelson, J. L. (2009). Talented girls, mathematics. In B. Kerr (Ed.), *Encyclopedia of giftedness, creativity, and talent* (Vol. 2, pp. 868-870). Thousand Oaks, CA: Sage.

Book Reviews

Adelson, J. L. (2007). [A review of two new differentiation books.] *Journal for the Education of the Gifted*, 32, 269-278.

Halter, J. L. (2004). [Review of the book *Einstein in Berlin*]. *Gifted and Talented International*, 19, 112-113.

Other Publications

Adelson, J. L., & Dickinson, E. R.* (August, 2011). *Literacy patterns across Kentucky*. Report submitted to the Collaborative Center for Literacy Development.

Adelson, J. L., Sauer, T. M.,* & Canada, D. D.* (June, 2011). *Girls on the Run Louisville: Spring pilot evaluation results*. Report for Girls on the Run Louisville.

- Adelson, J. L.,** Sauer, T. M.,* & Canada, D. D.* (June, 2011). *Body image, self-esteem, and attitudes toward physical activity for elementary school girls in the spring*. Report for Girls on the Run Louisville.
- Adelson, J. L.,** & Canada, D. D.* (January, 2011). *Girls on the Run Louisville: Pilot evaluation results*. Report for Girls on the Run Louisville.
- Adelson, J. L.,** & Canada, D. D.* (January, 2011). *Young girls' body image, self-esteem, and attitudes toward physical activity*. Report for Girls on the Run Louisville.
- Wilson, H. E., & **Adelson, J. L.** (September, 2010). Parenting perfectionists: Encouraging healthy risk-taking for Risk Evaders. *Parenting for High Potential*, 13-19.
- Adelson, J. L.,** & Carpenter, B. D.* (Spring, 2010). The use of inferential statistics: How advanced is gifted education research? *SIGNificance* (newsletter for the American Educational Research Association's Research on Giftedness, Creativity, and Talent Special Interest Group), 5-6.
- Adelson, J. L.,** & Wilson, H. E. (June, 2009). Promoting healthy perfectionism in the home for Academic Achievers. *Counseling and Guidance Brief*.
- Wilson, H. E., & **Adelson, J. L.** (Winter, 2008). Art across the curriculum: Language arts. *Teaching for High Potential*, 3.
- Wilson, H. E., & **Adelson, J. L.** (2008). The science of art and the art of science: Integrating art and science in the elementary classroom. *Gifted Education Communicator*, 39(3), 24-27.
- Adelson, J. L.** (2006). *Math and Me*. Unpublished instrument.
- Adelson, J. L.,** & Gavin, M. K. (2006, Spring). What are your chances? Going beyond basics with Project M³. *Connecticut Association for the Gifted (CAG) Advocate Newsletter*, 18-19. [Reprint in *SCOPE: Newsletter of the NAGC Curriculum Studies Division* (Feb. 2007 issue), pp. 3-4]
- Adelson, J. L.,** Housand, A., Vieth, R., & Reis, S. M. (2006). Differentiation and data: Extraordinary achievement at Hartford Magnet Middle School. In P. Behuniak, S. M. Reis, D. B. McCoach, & J. M. Stephens (Eds.), *A study of student achievement in Connecticut* (pp. 86-112). Hartford, CT: Connecticut State Department of Education.
- Gavin, M. K., Casa, T. M., & **Adelson, J. L.** (2006). Mentoring mathematical minds: An innovative program to develop math talent. *Understanding Our Gifted*, 19 (1), p. 3-7.
- Halter, J. L.** (2006). Appendix 4D: Case study and IEP. In J. L. VanTassel-Baska and T. L. Stambaugh (Eds.), *Comprehensive curriculum for gifted learners* (pp. 70-74). Needham Heights: Allyn & Bacon.

* indicates a UofL graduate student

K-12 Curriculum

- Adelson, J. L.,** Spinelli, A. M., & Giannotta, E. (2008). Teacher support materials for *Designing a shape gallery: Geometry with the meerkats, level 2*. Neag School of Education, University of Connecticut, Storrs, CT.
- Spinelli, A. M., **Adelson, J. L.,** & Giannotta, E. (2008). Teacher support materials for *Measuring with the meerkats, level 2*. Neag School of Education, University of Connecticut, Storrs, CT.
- Spinelli, A. M., Casa, T. M., & **Adelson, J. L.** (2006). Teacher support materials for *Record makers and breakers: Using algebra to analyze change, level 5*. Neag Center for Gifted Education and Talent Development, University of Connecticut, Storrs, CT.

- Gavin, M. K., Chapin, S. H., Dailey, J., Sheffield, L. J., Casa, T. M., **Adelson, J. L.**, Spinelli, A. M., & Crowley, L. (2006). Teacher support materials for *Differentiated support materials for Awesome Algebra: Looking for patterns and generalizations, level 3*. Neag Center for Gifted Education and Talent Development, University of Connecticut, Storrs, CT.
- Adelson, J. L.**, Spinelli, A. M., & Casa, T. M. (2005). Teacher support materials for *Treasures from the attic: Exploring fractions, level 5*. Neag Center for Gifted Education and Talent Development, University of Connecticut, Storrs, CT.
- Casa, T. M., **Adelson, J. L.**, & Spinelli, A. M. (2005). Teacher support materials for *Funkytown fun house: Focusing on proportional reasoning and similarity, level 5*. Neag Center for Gifted Education and Talent Development, University of Connecticut, Storrs, CT.
- Spinelli, A. M., Casa, T. M., & **Adelson, J. L.** (2005). Teacher support materials for *What are your chances?, level 5*. Neag Center for Gifted Education and Talent Development, University of Connecticut, Storrs, CT.
- Spinelli, A. M., Casa, T. M., **Adelson, J. L.**, & Mann, E. L. (2005). Teacher support materials for *Getting into shapes, level 4*. Neag Center for Gifted Education and Talent Development, University of Connecticut, Storrs, CT.
- Casa, T. M., Spinelli, A. M., Mann, E. L., & **Adelson, J. L.** (2005). Teacher support materials for *At the mall with algebra: Working with variables and equations, level 4*. Neag Center for Gifted Education and Talent Development, University of Connecticut, Storrs, CT.
- Casa, T. M., Spinelli, A. M., **Adelson, J. L.**, & Mann, E. L. (2004). Teacher support materials for *Analyze this! Representing and interpreting data, level 4*. Neag Center for Gifted Education and Talent Development, University of Connecticut, Storrs, CT.
- Spinelli, A. M., Casa, T. M., Mann, E. L., & **Adelson, J. L.** (2004). Teacher support materials for *Factors, multiples and leftovers: Linking multiplication and division, level 4*. Neag Center for Gifted Education and Talent Development, University of Connecticut, Storrs, CT.

Newsletter Editorships and Regular Contributions

- Newsletter editor for *SIGNificance*, the newsletter of the American Educational Research Association (AERA) Research on Giftedness and Talent SIG. 2007 to 2009.
- Newsletter editor responsible for producing and contributing to *News and Views*, a newsletter distributed by the Neag Center for Gifted Education/Talent Development, University of Connecticut, Storrs, CT. 2006 to 2008
- Newsletter editor responsible for writing and producing Project M³: Mentoring Mathematical Minds parent newsletters, Neag Center for Gifted Education/Talent Development, University of Connecticut, Storrs, CT. 2005 to 2007
- Regular contributor to AERA Division D *D'News* column, the "Graduate Student Corner." 2007 to 2009.
- Regular contributor to AERA Graduate Student Council *Connections* column, "Division D News." 2007 to 2009.

CONFERENCE PRESENTATIONS

International

- Adelson, J. L.** (2007, August). *A deep understanding: Developing mathematical talent with Project M³*. Presented at the World Council for Gifted and Talented Children 17th Biennial World Conference, University of Warwick, England.

Wilson, H. E., & **Adelson, J. L.** (2007, August). *Arts across the curriculum*. Presented at the World Council for Gifted and Talented Children 17th Biennial World Conference, University of Warwick, England.

National

Canada, D. D.*, & **Adelson, J. L.** (2011, August). *Turning the key to success: An examination of the mathematic attitudes of African American elementary students*. Poster presented at the 2011 American Psychological Association 119th Annual Convention, Washington, DC.

Adelson, J. L., & Carpenter, B. D.* (2011, April). *Achievement grouping and kindergarten reading growth: Effects on students in a gifted program and their peers using ECLS-K*. Presented at the 2011 American Educational Research Association Annual Meeting and Exhibition, New Orleans, Louisiana.

Gavin, M. K., Casa, T. M., & **Adelson, J. L.** (2011, April). *The impact of advanced primary-level geometry and measurement curriculum*. Presented at the 2011 Annual Meeting and Exposition of the National Council of Teachers of Mathematics Research Pre-session, Indianapolis, IN.

Jones, B.,* **Adelson, J. L.**, & Archambault, L. (2011, February). *Using SEM to move from theory to practice with the TPACK framework*. Presented at the Society for Information Technology and Teacher Education 2011 Conference, Nashville, TN. In Proceedings of Society for Information Technology & Teacher Education International Conference 2011 (pp. 2518-2525). Chesapeake, VA: AACE.

Adelson, J. L., Wilson, H. E., Rambo, K., & Cole, S. (2010, November). *Applying advanced statistical techniques to research giftedness: Implications for administrators and researchers*. Presented at the 57th Annual Convention of the National Association for Gifted Children, Atlanta, GA.

Wilson, H. E., & **Adelson, J. L.** (2010, November). *Artistic gifts and talents: The DMGT in an artistic context*. Presented at the 57th Annual Convention of the National Association for Gifted Children, Atlanta, GA.

Adelson, J. L., McCoach, D. B., & Gavin, M. K. (2010, May). *Examining the effects of gifted programming in mathematics and reading using the ECLS-K*. Presented at the 2010 American Educational Research Association Annual Meeting and Exhibition, Denver, CO.

Brown, E. T., Molfese, V. J., **Adelson, J. L.**, Rudasill, K. M., White, J. M.*, Beswick, J., ...Culver, B. (2010, April). *Mathematics in preschool classrooms and early mathematics performance*. Poster presented at the 2010 National Council for Teachers of Mathematics Annual Meeting and Exhibition Research Pre-Session, San Diego, CA.

Adelson, J. L., & Wilson, H. E. (2009, November). *Helping your child let go of perfect: Using perfectionism in healthy ways*. Presented at the 56th Annual Convention of the National Association for Gifted Children, St. Louis, MO.

Wilson, H. E., & **Adelson, J. L.** (2009, November). *Getting started with arts integration*. Presented at the 56th Annual Convention of the National Association for Gifted Children, St. Louis, MO.

Adelson, J. L., & McCoach, D. B. (2009, August). *Development of an instrument to measure elementary students' mathematical attitudes*. Poster presented at the American Psychological Association 117th Annual Convention, Toronto, Canada.

Adelson, J. L., McCoach, D. B., & Rogers, H. J. (2009, August). *Equal-size or equal-interval: A comparison of propensity score stratification schemes*. Poster presented at the American Psychological Association 117th Annual Convention, Toronto, Canada.

- Adelson, J. L.**, McCoach, D. B., & Rogers, H. J. (2009, April). *Estimating treatment effects using stratification on the propensity score: Variable selection and stratification issues*. Paper presented at the 2009 American Educational Research Association Annual Meeting and Exhibition, San Diego, CA.
- Adelson, J. L.** (2009, April). *Examining treatment effects using stratification on the propensity score*. In *Advanced Models and Methodologies for Gifted Education Research*. Symposium conducted at the 2009 American Educational Research Association Annual Meeting and Exhibition, San Diego, CA.
- Adelson, J. L.**, & McCoach, D. B. (2009, April). *Measuring the mathematical attitudes of elementary students: The effects of a 4-point or 5-point Likert scale*. Presented at the 2009 American Educational Research Association Annual Meeting and Exhibition, San Diego, CA.
- Adelson, J. L.** (2008, October). *Raising achievement and closing gaps: Discovering and serving mathematically talented students from diverse backgrounds*. Presented at the 55th Annual Convention of the National Association for Gifted Children, Tampa, FL.
- McCoach, D. B., & **Adelson, J. L.** (2008, October). *HLM: A gentle introduction*. Workshop presented at the 55th Annual Convention of the National Association for Gifted Children, Tampa, FL.
- Wilson, H. E., & **Adelson, J. L.** (2008, October). *Be smart with art*. Presented at the 55th Annual Convention of the National Association for Gifted Children, Tampa, FL.
- Gavin, M. K., Casa, T. M., & **Adelson, J. L.** (2008, October). *Differentiated learning: Research-based practical strategies for success*. Presented at the 55th Annual Convention of the National Association for Gifted Children, Tampa, FL.
- Adelson, J. L.** (2008, April). *Stretching talent at the Funkytown Fun House*. Presented at the National Council of Teachers of Mathematics Annual Meeting and Exposition, Salt Lake City, UT.
- Casa, T. M., Truxaw, M., & **Adelson, J. L.** (2008, March). *An investigation of change in pre-service teachers' confidence of evidence-based decisions*. Paper presented at the 2008 American Educational Research Association Annual Meeting and Exhibition, New York City, NY.
- Adelson, J. L.** (2007, November). *It's certain! Challenging mathematically talented students with probability*. Presented at the 54th Annual Convention of the National Association of Gifted Children, Minneapolis, MN.
- Adelson, J. L.**, & Wilson, H. E. (2007, November). *Picture perfect perfectionism: Case studies in the elementary classroom*. Presented at the 54th Annual Convention of the National Association of Gifted Children, Minneapolis, MN.
- Gavin, M. K., **Adelson, J. L.**, & Casa, T. M. (2007, November). *Students as mathematicians: Uncovering and developing talent potential in diverse populations*. Presented at the 54th Annual Convention of the National Association of Gifted Children, Minneapolis, MN.
- Adelson, J. L.** (2007, April). *Math matters: Developing an instrument to measure elementary students' attitudes towards mathematics*. Paper presented at the American Educational Research Association Annual Meeting and Exposition, Chicago, IL.
- Gavin, M. K., Casa, T. M., Carroll, S. R., & **Adelson, J. L.** (2007, April). *The impact of advanced curriculum on the achievement of mathematically promising elementary students*. Paper presented at the AERA Annual Meeting and Exposition, Chicago, IL.
- Adelson, J. L.** (2007, March). *Multiplying talent with factors, multiples, and leftovers*. Presentation at the National Council of Teachers of Mathematics Annual Meeting and Exposition, Atlanta, GA.
- Adelson, J. L.** (2007, March). *Picture this*. Presented at the 2007 National Curriculum Network Conference, The College of William and Mary Center for Gifted Education, Williamsburg, VA.

Adelson, J. L. (2007, March). *Mentoring mathematical minds in grades 2-6*. Presented at the 2007 National Curriculum Network Conference, The College of William and Mary Center for Gifted Education, Williamsburg, VA.

Adelson, J. L. (2006, November). *Activating algebraic reasoning in a differentiated classroom*. Poster presentation at the 53rd Annual Convention of the National Association for Gifted Children, Charlotte, NC.

Gavin, M. K., Spinelli, A. M., & **Adelson, J. L.** (2006, November). *Developing math talent: The impact of challenging curriculum and mathematical discourse*. Presentation at the 53rd Annual Convention of the National Association for Gifted Children, Charlotte, NC.

Adelson, J. L. (2006, March). *Awesome adventures in algebraic reasoning*. Presented at the 11th National Curriculum Network Conference, The College of William and Mary Center for Gifted Education, Williamsburg, VA.

* indicates a UofL graduate student

Regional

Adelson, J. L. (2008, October). *Taking a chance! Explorations in probability*. Presented at the 14th Annual New England Conference on Gifted and Talented, Mansfield, MA.

Adelson, J. L., & Wilson, H. E. (2008, October). *Harry, Hermione, Violet, and Dash: Using film to establish a positive gifted identity*. Presented at the 14th Annual New England Conference on Gifted and Talented, Mansfield, MA.

Wilson, H. E., & **Adelson, J. L.** (2008, October). *Be smart with art*. Presented at the 14th Annual New England Conference on Gifted and Talented, Mansfield, MA.

Gavin, M. K., Casa, T. M., & **Adelson, J. L.** (2008, May). *Project M³: Mentoring Mathematical Minds: Closing the achievement gap for mathematically promising elementary students*. Presented at the 3rd Annual Closing the Achievement Gap Conference, University of Connecticut, Storrs, CT.

Adelson, J. L. (2007, October). *What are your chances? Playing with probability*. Presented at the National Council of Teachers of Mathematics Regional Conference and Exposition, Richmond, VA.

Adelson, J. L. (2006, October). *Nurturing algebraic reasoning in young mathematicians*. Presentation at the 12th Annual New England Conference on Gifted and Talented, Warwick, RI.

Adelson, J. L., & Field, G. (2006, October). *Cultivating creativity in your classroom*. Presentation at the 12th Annual New England Conference on Gifted and Talented, Warwick, RI.

State

Wilson, H. E., & **Adelson, J. L.** (2009, December). *Helping your child let go of perfect: Using perfectionism in healthy ways*. To be presented at the 2009 Texas Association for the Gifted and Talented Professional Development Conference, Houston, TX.

Wilson, H. E., & **Adelson, J. L.** (2009, December). *Getting started with arts integration*. To be presented at the 2009 Texas Association for the Gifted and Talented Professional Development Conference, Houston, TX.

Adelson, J. L. (2007, November). *Differentiated adventures in algebraic reasoning*. Presented at the 2007 Associated Teachers of Mathematics in Connecticut Conference, Uncasville, CT.

- Adelson, J. L.** (2006, December). *Analyze this! Remarkable representations and incredible interpretations*. Presentation at the 2006 Associated Teachers of Mathematics in Connecticut Conference, Uncasville, CT.
- Halter, J. L.** (2005, March). *Crazy creativity and gee-whiz geometry*. Presented at the 27th Annual Virginia Council of Teachers of Mathematics Conference, Williamsburg, VA.
- Halter, J. L.** (2005, March). *Magnificent mapping in social studies*. Presented at the Virginia Society for Technology in Education State Technology Conference, Norfolk, VA.

Local

- Gavin, M. K., Casa, T. M., & **Adelson, J. L.** (2008, March). *Project M³: Mentoring Mathematical Minds*. Invited seminar presentation in Math Education to the Mathematics Department and the Center for Research in Mathematics Education (CRME) at the University of Connecticut, Storrs, CT.

WORKSHOPS AND INSERVICES

- Adelson, J. L.**, & Usher, E. (2011, August). *Where will you be next year? The academia job search and interview*. Presented at the College of Education and Human Development, University of Louisville, Louisville, KY.
- Adelson, J. L.**, & Wilson, H. E. (2011, March) Workshop for teachers on helping children use perfectionism in healthy ways. Coppell Gifted Association, Coppell, TX.
- Wilson, H. E., & **Adelson, J. L.** (2011, March) Presentation for parents on helping children use perfectionism in healthy ways. Coppell Gifted Association, Coppell, TX.
- Adelson, J. L.** (2010, June). *Project M³: Mentoring Mathematical Minds* (4-day training). Fairfax County Public Schools, Fairfax, VA
- Usher, E., & **Adelson, J. L.** (2009, October). *Navigating the academic job search*. Presented at the School of Education, University of Kentucky, Lexington, KY.
- Adelson, J. L.**, & Usher, E. (2009, August). *Where will you be next year? The job search and interview*. (Invited presentation). Graduate Student Seminar, Division 15: Educational Psychology, American Psychological Association, Toronto, CA.
- McCoach, D. B., & **Adelson, J. L.** (2009, January). *Hierarchical linear modeling: A gentle introduction* (Invited seminar). Psychology Department, Southern Connecticut State University. New Haven, CT.
- Adelson, J. L.** (2009, January). *Project M³: Mentoring Mathematical Minds Strands for SAVY* (Training on chosen units). Saturday Academy at Vanderbilt for the Young (SAVY), Programs for Talented Youth, Vanderbilt University, Nashville, TN.
- Adelson, J. L.** (2008, December). *Project M³: Mentoring Mathematical Minds Algebra Strand* (3-day training). Fairfax County Public Schools, Fairfax, VA.
- Adelson, J. L.** (2008, November). *Project M³: Mentoring Mathematical Minds* (2-day training on several units). Minneapolis Public Schools, Minneapolis, MN.
- Adelson, J. L.** (2007, September). *Project M³: Mentoring Mathematical Minds* pre-adoption training. Plainfield Community Consolidated School District 202, Plainfield, IL.
- Adelson, J. L.** (2007, August). *Project M³: Mentoring Mathematical Minds* (2-day overview and training on several units). Minneapolis Public Schools, Minneapolis, MN.

- Adelson, J. L.** (2007, July). *Critical and creative thinking activities in the primary mathematics classroom*. Special topic presented at the 30th Annual Confratute, University of Connecticut, Neag School of Education, Storrs, CT.
- Adelson, J. L.** (2007, July). *Students as mathematicians: Taking students deeper with Project M³*. Special topic presented at the 30th Annual Confratute, University of Connecticut, Neag School of Education, Storrs, CT.
- Adelson, J. L.** (2007, July). *Project M³ + U: The formula for developing math talent*. Special topic presented at the 30th Annual Confratute, University of Connecticut, Neag School of Education, Storrs, CT.
- Adelson, J. L., & Schroeder, L.** (2007, May). *Doing real research: An introduction to statistics*. CAMPY (Connecticut Association for Mathematically Precocious Youth) on Campus, University of Connecticut, Storrs, CT.
- Adelson, J. L.** (2006, November). *Research on mathematically talented elementary students*. St. Catherine's School, Richmond, VA.
- Adelson, J. L.** (2006, November). *Developing mathematical talent in primary students*. St. Catherine's School, Richmond, VA.
- Adelson, J. L.** (2006, November). *Developing mathematical talent in upper elementary students*. St. Catherine's School, Richmond, VA.
- Adelson, J. L.** (2006, July). *Shape up: Hands-on explorations to challenge and inspire grades 2-5*. Special topic presented at the 29th Annual Confratute, University of Connecticut, Neag School of Education, Storrs, CT.
- Adelson, J. L.** (2006, July). *Shape up: Inspiring integration of children's literature and geometry for grades 3-5*. Special topic presented at the 29th Annual Confratute, University of Connecticut, Neag School of Education, Storrs, CT.
- Adelson, J. L., & Field, G.** (2006, July). *An extraordinary journey into creativity*. Special topic presented at the 29th Annual Confratute, University of Connecticut's Neag School of Education, Storrs, CT.
- Gavin, M. K., **Adelson, J. L., & Lizon, J.** (2006, July). *Mentoring mathematical minds: Teaching math to talented elementary students*. Weeklong strand presented at the 29th Annual Confratute, University of Connecticut, Neag School of Education, Storrs, CT.
- Gavin, M. K., **Adelson, J. L., & Moulton, B.** (2006, July). *Developing mathematically promising middle school students*. Weeklong strand presented at the 29th Annual Confratute, University of Connecticut, Neag School of Education, Storrs, CT.
- Adelson, J. L., & Schroeder, L.** (2006, May). *Doing real research: An introduction to statistics*. CAMPY (Connecticut Association for Mathematically Precocious Youth) on Campus, University of Connecticut, Storrs, CT.
- Adelson, J. L.** (2006, January). *Project M³: Mentoring Mathematical Minds level 4*. Brookline Schools, Brookline, MA.
- Casa, T. M., & **Adelson, J. L.** (2005, November). *Strategies for differentiating math by content and process*. Keeney Street Elementary School, Manchester, CT.

SERVICE AND LEADERSHIP

National Level

Board Member-at-Large, American Educational Research Association, Educational Statisticians SIG, 2011 to present

Board Member-at-Large, American Educational Research Association, Research on Giftedness and Talent SIG, 2009 to present

Mentorship Committee Chair, American Educational Research Association, Research on Giftedness and Talent SIG, 2009 to present

Chair-Elect, National Association for Gifted Children, Research and Evaluation Network, 2010 to present

Finance Committee Chair, National Association for Gifted Children, Research and Evaluation Network, 2010 to present

Policy Committee Member, National Association for Gifted Children, Research and Evaluation Network, 2010 to present

Secretary, National Association for Gifted Children, STEM Network, 2010 to present

Workgroup Member, National Association for Gifted Children, NAGC Workgroup on National Educational Data Bases, 2011 to present

Committee Member, American Psychological Association, Division 15, Committee on Graduate Student Affairs, 2011 to present

Program Chair (Section II: Quantitative Research), American Educational Research Association, Division D, 2009 to 2011

Outstanding Publication Chair (Category 1: Dissertation Completion), American Educational Research Association, Division H, 2011

Publications Committee Member, National Association for Gifted Children, 2007 to 2010

Secretary, National Association for Gifted Children, Research and Evaluation Network, 2008 to 2010

Membership and Public Relations Committee Chair, National Association for Gifted Children, Research and Evaluation Network, 2005 to 2010

Newsletter Editor, American Educational Research Association, Research on Giftedness and Talent SIG, 2007 to 2009

Nominations Committee Chair, Women in Mathematics Education, 2007 to 2009

Senior Representative to Graduate Student Council, American Educational Research Association, Division D, 2008 to 2009

Graduate Student Committee Chair, American Educational Research Association, Division D, 2008 to 2009

Junior Representative to Graduate Student Council, American Educational Research Association, Division D, 2007-2008

Graduate Student Committee Liaison (University of Connecticut), American Educational Research Association, Division C, 2006 to 2008

Graduate Student Committee Member, National Association for Gifted Children, 2006 to 2007

Membership and Public Relations Committee Member, National Association for Gifted Children Research and Evaluation Division, 2004 to 2005

Proposal Reviewer, National Association for Gifted Children Annual Convention, 2006 to 2011

Proposal Reviewer, American Educational Research Association Annual Meeting and Exhibition, 2006 to 2011

Proposal Reviewer, American Psychological Association Annual Convention, 2007 to 2010

Proposal Reviewer, National Council on Measurement in Education Annual Meeting, 2008 to 2009

Session Discussant, American Educational Research Association Annual Meeting and Exhibition, Division D, 2010

Session Chair, American Educational Research Association Annual Meeting and Exhibition, Division D, 2008, 2009, 2010

Session Chair, National Association for Gifted Children Annual Convention, Research and Evaluation Division, 2006

University Level

Student Academic Grievance Committee Member, University of Louisville, College of Education and Human Development, 2010 to present

Admissions Committee Member, University of Louisville, College of Education and Human Development, Department of Educational and Counseling Psychology, Educational Psychology, Measurement, and Evaluation Program, 2010 to present

Liaison to American Psychological Association Division 5, University of Louisville, College of Education and Human Development, Department of Educational and Counseling Psychology, Educational Psychology, Measurement, and Evaluation Program, 2011 to present

Ad Hoc Statistics Sequence Committee Member, University of Louisville, College of Education and Human Development, Department of Educational and Counseling Psychology, 2009 to 2010

Member, University of Connecticut, Neag Assessment Committee, 2008 to 2009

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

American Educational Research Association (AERA)

Division C: Learning and Instruction

Division D: Measurement and Research Methodology

Advanced Studies of National Databases SIG

Educational Statisticians SIG

Hierarchical Linear Modeling SIG

Research on Giftedness and Talent SIG

Structural Equation Modeling SIG

American Psychological Association (APA)

Division 5: Evaluation, Measurement, and Statistics

Division 10: Psychology of Aesthetics, Creativity, and Arts

Division 15: Educational Psychology

National Association for Gifted Children (NAGC)

Assessment of Giftedness SIG

Counseling and Guidance Network

Early Childhood Network

Research and Evaluation Network

Science, Technology, Engineering, & Mathematics (STEM) SIG

PROFESSIONAL DEVELOPMENT

Application-based Programs

Workshop on Quasi-Experimental Design and Analysis in Education, Institute of Education Sciences, 2011

Statistics Institute for Faculty, American Educational Research Association, 2010

Doctoral Student Research Seminar, American Psychological Association Division 15, 2008

Graduate Student Conference, Educational Testing Services (ETS), 2008

Institute on Statistical Analysis for Education Policy, American Educational Research Association, 2007

Early Childhood Longitudinal Study, Kindergarten Class of 1998-1999 (ECLS-K) Database Training Seminar, National Council for Educational Statistics, 2006.

Other Programs

Mplus Short Courses, Topics 1-9, Johns Hopkins University, 2009-2011

Structural Equation Modeling, Data Analysis Training Institute of Connecticut, University of Connecticut, 2010

Professional Development and Training Sessions, American Educational Research Association and National Council on Measurement

Grant Writing for Large-Scale Secondary Data Analysis, 2010

Deriving Causal Inferences from Observational Data: A Concise Overview of Propensity Score Matching, 2010

Using the TIMSS 2007 International Database for Secondary Data Analysis, 2010

Structural Equation Modeling: A First Course, 2009

An Overview of Causal Inference: Theories and Methods in Education, 2008

Applying Hierarchical Models to Causal Inferences, 2007

Common Methodological Errors in Multivariate Statistics and How to Avoid Them, 2007

An Introduction to Hierarchical Linear Modeling with R, 2007

Advanced Hands-on Exploration of NAEP Data on the Web, 2007