

## Jill Lynn Adelson

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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 Mathematic 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.

### HONORS AND AWARDS

#### Fellowships, Grants, and Scholarships

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

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

American Psychological Association (APF), *Student Travel Award*, 2009

American Psychological Association's (APF) *Esther Katz Rosen Fellowship for Research and Programs on Giftedness in Children*, \$25,000, 2008

Selected for the American Educational Research Association (AERA) *Dissertation Research Grant*, 2008

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**

*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, 2008; 2007; 2006  
*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

## **PROFESSIONAL EXPERIENCE**

**Assistant Professor.** 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.

**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.

**Independent Educational Consultant.** Specializing in gifted education, mathematics education, and grant writing and implementation. 2005 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 M<sup>3</sup>: Mentoring Mathematical Minds and Project M<sup>2</sup>: 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 TAUGHT

- Summer, 2009 Hierarchical Linear Modeling Workshop, Yale University. Teaching Assistant.
- Summer, 2009 Hierarchical Linear Modeling Workshop (2 sessions), Data Analysis Training Institute of Connecticut (DATIC), University of Connecticut. Teaching Assistant.
- Spring, 2009 Hierarchical Linear Modeling Workshop, University of Connecticut. Teaching Assistant.
- Summer, 2008 Hierarchical Linear Modeling Workshop (2 sessions), Data Analysis Training Institute of Connecticut (DATIC), University of Connecticut. Teaching Assistant.
- Spring, 2008 Teaching Mathematically Talented Elementary Students, University of Connecticut. Adjunct Faculty.
- Fall, 2007 Assessment II (2 sections), University of Connecticut. Instructor.
- Fall, 2007 Assessment I (2 sections). University of Connecticut. Instructor.
- Fall, 2007 Critical Issues (Readings) in Gifted Education (EPSY 300), University of Connecticut. Adjunct Faculty.
- Spring, 2007 Teaching Mathematically Talented Elementary Students (EPSY 300), University of Connecticut. Adjunct Faculty and Course Designer.
- Fall, 2006 Critical Issues (Readings) in Gifted Education (EPSY 300), University of Connecticut. Adjunct Faculty.
- April, 2006 Creativity (EPSY 365), University of Connecticut. Guest Lecturer: Attribute Listing.
- March, 2006 Creativity (EPSY 365), University of Connecticut. Guest Lecturer: *Torrance Tests of Creative Thinking*.

## PUBLICATIONS

### Peer-Reviewed Articles

- 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 M<sup>3</sup>: Mentoring Mathematical Minds: Challenging curriculum for talented elementary students. *Journal of Advanced Academics*, *18*, 566-585.

### Journal Articles in Preparation, Revision, or Review

- Adelson, J. L.**, & McCoach, D. B. (2009). Causal inferences using large-scale observational data in education: Examining treatment effects using stratification on the propensity score. Manuscript in revision.
- Adelson, J. L.**, & McCoach, D. B. (2009). Development and psychometric properties of the Math and Me Survey: Measuring third through sixth graders’ attitudes towards mathematics. Manuscript in revision.
- Adelson, J. L.**, & McCoach, D. B. (2009). Measuring the mathematical attitudes of elementary students: The effects of a 4-point or 5-point Likert scale. Manuscript in review.
- Adelson, J. L.**, McCoach, D. B., Rogers, H. J., & Adelson, J. A. (2009). Using the propensity score to make causal inferences: Variable selection and stratification issues. Manuscript in review.
- Casa, T. M., Truxaw, M. P., & **Adelson, J. L.** (2009). Developing a stance toward inquiry: Investigating preservice teachers’ confidence in evidence-based decision-making. Manuscript in revision.
- McCoach, D. B., & **Adelson, J. L.** (2009). Dealing with dependence (Part I): Understanding the effects of clustered data. Manuscript in review.

### Editorial Experience, Peer-Reviewed Journals

- Ad hoc reviewer for *Journal of Educational Research*, 2009
- Ad hoc reviewer for *Teaching Children Mathematics*, 2007, 2008, 2009
- Ad hoc reviewer for *Journal of Advanced Academics*, 2007, 2008, 2009
- Ad hoc reviewer for *Journal of Education for Students Placed At Risk*, 2009
- Ad hoc reviewer for *Journal of Educational Psychology*, 2008

### Books

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

## Chapters

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.

## 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.** (In press). Talented girls, mathematics. In B. Kerr (Ed.), *Encyclopedia of giftedness, creativity, and talent*. Thousand Oaks, CA: Sage.

**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 M<sup>3</sup>. *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.

**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.

## 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 M<sup>3</sup>: 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 M<sup>3</sup>*. Presented at the World Council for Gifted and Talented Children 17<sup>th</sup> 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 17<sup>th</sup> Biennial World Conference, University of Warwick, England.

### National

- Adelson, J. L.**, & Wilson, H. E. (2009, November). *Helping your child let go of perfect: Using perfectionism in healthy ways*. To be presented at the 56<sup>th</sup> 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*. To be presented at the 56<sup>th</sup> 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*. To be presented at the American Psychological Association 117<sup>th</sup> 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*. To be presented at the American Psychological Association 117<sup>th</sup> 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 55<sup>th</sup> 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 55<sup>th</sup> 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 55<sup>th</sup> 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 55<sup>th</sup> 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 54<sup>th</sup> 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 54<sup>th</sup> 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 54<sup>th</sup> 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 53<sup>rd</sup> 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 53<sup>rd</sup> Annual Convention of the National Association for Gifted Children, Charlotte, NC.
- Adelson, J. L.** (2006, March). *Awesome adventures in algebraic reasoning*. Presented at the 11<sup>th</sup> National Curriculum Network Conference, The College of William and Mary Center for Gifted Education, Williamsburg, VA.

## Regional

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

- Gavin, M. K., Casa, T. M., & **Adelson, J. L.** (2008, May). *Project M<sup>3</sup>: Mentoring Mathematical Minds: Closing the achievement gap for mathematically promising elementary students*. Presented at the 3<sup>rd</sup> 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 12<sup>th</sup> 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 12<sup>th</sup> Annual New England Conference on Gifted and Talented, Warwick, RI.

### State

- 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 27<sup>th</sup> 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 M<sup>3</sup>: 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

- 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 M<sup>3</sup>: 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 M<sup>3</sup>: Mentoring Mathematical Minds Algebra Strand* (3-day training). Fairfax County Public Schools, Fairfax, VA.
- Adelson, J. L.** (2008, November). *Project M<sup>3</sup>: Mentoring Mathematical Minds* (2-day training on several units). Minneapolis Public Schools, Minneapolis, MN.
- Adelson, J. L.** (2007, September). *Project M<sup>3</sup>: Mentoring Mathematical Minds* pre-adoption training. Plainfield Community Consolidated School District 202, Plainfield, IL.
- Adelson, J. L.** (2007, August). *Project M<sup>3</sup>: 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 30<sup>th</sup> Annual Confratute, University of Connecticut, Neag School of Education, Storrs, CT.

- Adelson, J. L.** (2007, July). *Students as mathematicians: Taking students deeper with Project M<sup>3</sup>*. Special topic presented at the 30<sup>th</sup> Annual Confratute, University of Connecticut, Neag School of Education, Storrs, CT.
- Adelson, J. L.** (2007, July). *Project M<sup>3</sup> + U: The formula for developing math talent*. Special topic presented at the 30<sup>th</sup> 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 29<sup>th</sup> 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 29<sup>th</sup> 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 29<sup>th</sup> 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 29<sup>th</sup> 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 29<sup>th</sup> 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 M<sup>3</sup>: 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

- Assistant Program Chair (Section II: Quantitative Research)*, American Educational Research Association, Division D, 2009 to present
- Board Member-at-Large*, American Educational Research Association, Research on Giftedness and Talent SIG, 2009 to present
- Publications Committee Member*, National Association for Gifted Children, 2007 to present
- Secretary*, National Association for Gifted Children, Research and Evaluation Network, 2008 to present

*Nominations Committee Chair*, Women in Mathematics Education, 2007 to present

*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

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

*Graduate student member*, Neag Assessment Committee, University of Connecticut, 2008 to 2009

*Membership and Public Relations Chair*, National Association for Gifted Children, Research and Evaluation Network, 2005 to 2008

*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

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

*Proposal Reviewer*, National Association for Gifted Children Annual Convention, 2006, 2007, 2008, 2009

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

*Proposal Reviewer*, American Psychological Association Annual Convention, 2007, 2009

*Proposal Reviewer*, American Educational Research Association Annual Meeting and Exhibition, 2006, 2007, 2008

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

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

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

## **MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS**

American Educational Research Association (AERA)

Division C: Learning and Instruction

Division D: Measurement and Research Methodology

Educational Statisticians SIG

Hierarchical Linear Modeling SIG

Research in Mathematics Education SIG

Research on Giftedness and Talent SIG

Structural Equation Modeling SIG

Survey Research in Education SIG

American Psychological Association (APA)

Division 5: Evaluation, Measurement, and Statistics

Division 15: Educational Psychology

National Association for Gifted Children (NAGC)

Counseling and Guidance Network

Curriculum Studies Network

Research and Evaluation Network

National Council of Teachers of Mathematics (NCTM)

National Council on Measurement in Education (NCME)

Northeastern Educational Research Association (NERA)

North American Chapter of the International Group for the Psychology of Mathematics Education (PME-NA)

Women and Mathematics Education (WME)

### **PROFESSIONAL DEVELOPMENT**

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

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

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

*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

*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.