

BABETTE MOELLER
EDUCATION DEVELOPMENT CENTER, INC.
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PROFESSIONAL PREPARATION

New School for Social Research	Developmental Psychology	Ph.D. 1992
New School for Social Research	Developmental Psychology	MA, 1986
Hamburg University, Germany	Psychology	Vordiplom, 1982

SELECTED POST-DOCTORAL PROFESSIONAL DEVELOPMENT EXPERIENCES

- *Hierarchical Linear Modeling Workshop*, conducted by Steve Raudenbush and Tony Bryk, September 17-19, 2008, Chicago, IL.
- *Summer Research Training Institute on Cluster Randomized Trials* chaired by Larry Hedges, July 6-18, 2008, Chicago, IL.
- *Mathematical Knowledge for Teaching (MKT) Measures Instrument Dissemination Workshop* (March 23, 2008), conducted by Heather Hill, Geoffrey Phelps, & Steven Schilling, New York, NY.

PROFESSIONAL EXPERIENCE

Education Development Center, Inc., Center for Children and Technology. 1993 - 1999
Senior Research Associate; 1999-2003 Principal Investigator; 2004-2008 Senior Scientist;
2009-Present Managing Project Director.

Bank Street College of Education, Center for Children and Technology 1985 - 1993
Research Assistant; 1988-92 Research Associate; 1992-93 Research Scientist 1985-88

TEACHING APPOINTMENTS

Bank Street College of Education, Adjunct Faculty, 2003 – Present
New School for Social Research, Eugene Lang College, Adjunct Faculty 1993 - 1996
Fordham University, Graduate School of Education, Adjunct Faculty 1993 - 1994

SELECTED GRANTS

- U.S. Department of Education, Institute for Education Science. Grant: *Math for All: Assessing the Efficacy of a Professional Development Program for Elementary School Teachers* (Principal Investigator), 2014-2018.
- National Science Foundation, Discovery Research K-12. Grant: *Supporting Staff Developers in the Implementation of Professional Development Programs to Improve Mathematics Education for Students with Disabilities* (Principal Investigator), 2008-2013.
- National Science Foundation, Research in Disabilities Education Program, through a subcontract with the University of Southern Maine. Grant: *Eastern Alliance in Science, Technology, Engineering, and Mathematics 2* (Evaluation Director), 2008-2013.

- National Science Foundation, Research in Disabilities Education Program, through a subcontract with WGBH. Grant: *User-Centered Digital Library* (co-Principal Investigator and Evaluation Director), 2006-2008.
- U.S. Department of Education, through a subcontract with Bank Street College of Education, *Project HEDS-UP (Higher Education Disability Support-Universal Design Principles)* (Evaluation Director), 2005-2008.
- National Science Foundation, Instructional Materials Development Program, through a subcontract with Northwestern University. Grant: *My World* (Evaluation Director), 2004-2006.
- U.S. Department of Education, Preparing Tomorrows Teachers to Use Technology Program, through a subcontract with Bank Street College of Education. Grant: *Project ConTExT*, (Evaluation Director), 2003-06.
- National Science Foundation, Teacher Enhancement Program, through a subcontract with Bank Street College of Education. Grant: *Mathematics for All: Multimedia Cases on Inclusion* (Principal Investigator), 2003-2008.
- Wisconsin State Department of Education, through a subcontract with Milwaukee Public Schools. Grant: *Enhancing Education Through Technology* (Evaluation Director), 2002-2005.
- National Science Foundation, Engineering Education Division, through a subcontract with Rose Hulman Institute of Technology. Grant: *Engineering Education for Inclusive Design*. (Co-Project Director), 2001-2002.
- U.S. Department of Education, Preparing Tomorrows Teachers to Use Technology Program, through a subcontract with the University of Virginia. Grant: *Linking Teacher Education Pedagogy to Digital Resources*, (Evaluation Director), 2000-03.

SELECTED PUBLICATIONS

- Hirshon, B., Summers, L., Moeller, B., & Martin, W. (2016). The KC Empower Project: Designing more accessible STEM Learning Activities. *K-12 STEM Education*, 2(1), 1-49.
- Cohen, M., Moeller, B., & Cerrone, M. (2015). Constructing Online Communities of Practice. *Occasional Papers*, 34, <https://www.bankstreet.edu/occasional-paper-series/34/>.
- Langley-Turnbaugh, S., Whitney, J., Lovewell, L., & Moeller, B. (2014). Building and Implementing a Successful Undergraduate Research Fellowship Program for Students with Disabilities. *CUR Quarterly*, 35(2), 39-45.
- Moeller, B., Dubitsky, B., Cohen, M., Marschke-Tobier, K., Melnick, H., Metnetsky, L., Brothman, A., & Cecchine, R. (2013). *Math for All Professional Development Resources for Facilitators Grades K-2*. Thousand Oaks, CA: Corwin Press.
- Moeller, B., Dubitsky, B., Cohen, M., Marschke-Tobier, K., Melnick, H., & Metnetsky, L. (2013). *Math for All Participant Book Grades K-2*. Thousand Oaks, CA: Corwin Press.
- Moeller, B., Dubitsky, B., Cohen, M., Marschke-Tobier, K., Melnick, H., Metnetsky, L., Brothman, A., & Cecchine, R. (2012). *Math for All Professional Development Resources for Facilitators Grades 3-5*. Thousand Oaks, CA: Corwin Press.
- Moeller, B., Dubitsky, B., Cohen, M., Marschke-Tobier, K., Melnick, H., & Metnetsky, L. (2012). *Math for All Participant Book Grades 3-5*. Thousand Oaks, CA: Corwin Press.
- Whitney, J. Langley-Turnbaugh, S., Lovewell, L., & Moeller, B. (2012). Building Relationships, Sharing Resources, and Opening Opportunities: A STEM Learning Community Builds Social Capital for Students with Disabilities. *Journal of Postsecondary Education and Disability*, 25(2).

- Stumbo, N., Martin, J., Nordstrom, D., Rolf, T., Burgstahler, S., Whitney, J., Langley-Turnbaugh, S., Lovewell, L., Moeller, B., Larry, R., & Misquez, E. (2011). Evidence-based practices in mentoring students with disabilities: Four case studies. *Journal of Science Education for Students with Disabilities, 14*(1), 33-54.
- Moeller, B. & Reitzes, T. (2010). *Integrating Technology with Student-Centered Learning*. Quincy, MA: Nellie Mae Education Foundation.
- Meier, E., Powell, K., Hollands, F., Moeller, B., & Dubitsky, B. (2008). *Math For All: An Opportunity to Develop Our Civic Responsibility to Inclusion Students*. Paper presented at the annual meeting of the American Educational Research Association, New York, NY, March 24-28, 2008.
- Meier, E., Powell, K., Moeller, B. & Dubitsky, B. (2005). Setting the Stage for Reflective Practice: Multimedia Case Study Development. In: AACE (ed.), *Proceedings of SITE 2005*. Norfolk, VA.
- Meier, E., Powell, K., Moeller, B. & Dubitsky, B. (2005). Setting the Stage for Reflective Practice: Multimedia Case Study Development. In: AACE (ed.), *Proceedings of SITE 2005*. Norfolk, VA.
- Moeller, B., Wahl, E., Campbell, P., Rousso, H., Anderson, L., Bell, N., Jolly, E., George, Y. & Kahn, S. (2000). Science for all: Including each student. In: S. J. Rakow (ed.), *NSTA Pathways to the Science Standards (Middle School Edition)*. Arlington, VA: National Science Teachers Association.
- Moeller, B., Wahl, E., Campbell, P., Rousso, H., Anderson, L., Bell, N., Jolly, E., George, Y. & Kahn, S. (2000). Science for all: Including each student. In: L. F. Lowery (ed.), *NSTA Pathways to the Science Standards (Elementary School Edition)*. Arlington, VA: National Science Teachers Association.
- Campbell, P., Wahl, E., Slater, M., Iler, E., Moeller, B., Ba, H., & Light, D. (1998). Gateways to success. *Journal of Women and Minorities in Engineering, 4*(2&3), 297-309.
- Moeller, B. (1996). Technology assessment: Putting technology to the test. *Journal of Educational Computing Research, 15*(4), 393-397.
- Moeller, B. (1995). Building learning communities online: Using local area network technology to support collaborative learning. *Electronic Learning, 14*(5), 16-17.
- Remz, A., Moeller, B., & Zorfass, J. (1993). Using technology to facilitate writing instruction for students with disabilities. *The Writing Notebook*, September/October.
- Sheingold, K., Martin, L., & Moeller, B. (1988). Schooling in the twenty-first century. *Children's Environments Quarterly, 5*(4), 4-7.

SELECTED PRESENTATIONS

- Moeller, B. & Dubitsky, B. (2016, April). Lessons Learned about Recruiting Schools and the Implementation of the Professional Development. In B. Moeller (chair), *Math for All: Lessons Learned from Piloting an RCT in a Large Urban District*. Symposium conducted at the Annual Meeting of the American Educational Research Association, Washington, D.C., April 10, 2016.
- Moeller, B. & Marchese, C. (2012, July). *Collaborative professional development: Making math accessible to all*. Session conducted at the 2012 Learning Forward Summer Conference, July 23, 2012, Denver, CO.
- Moeller, B., Brodesky, A., & Goldsmith, L. (2011). *Supporting math teacher educators' implementation of curriculum-based professional development programs*. Session

- conducted at the Annual Meeting of the Association of Mathematics Teacher Educators, January 27-29, 2011, Irvine, CA.
- Moeller, B., Brodesky, A. & Goldsmith, L. (2010). Supporting staff developers in the implementation of professional development programs to improve mathematics education for students with disabilities. Paper presented in Goldsmith, L., (chair), *Perspectives on facilitation of professional development: Core tasks of facilitation and fidelity of implementation*. Session conducted at the annual conference of the Association for Mathematics Teacher Educators, January 28-30, 2010, Irvine, CA.
- Moeller, B., Goldsmith, L., Borke, H., Jacobs, J., & Seago, N. (2009). *Understanding the fidelity of implementation and scalability of mathematics professional development curricula*. Session conducted at the annual project directors' meeting of the Discovery Research K-12 program, November 8-10, 2009, Washington, DC.
- Myer, M., Dubitsky, B., Moeller, B., Cohen, M., Metnesky, L., Melnick, H. (2008). *Math for All: Promoting Long-Term Impact of Professional Development on Meeting the Needs of a Wide Range of Learners in K-5 Mathematics*. Presentation conducted at the annual meeting of the National Council of Supervisors of Mathematics, Salt Lake City, UT: April 7-9, 2008.
- Moeller, B. & Dubitsky, B. (2008). Professional Development for Teaching Math in K-5 Inclusion Classrooms. Paper presented at the NCTM Research Pre-Session, April 8-9, 2008.
- Moeller, B., Dubitsky, B., Meier, E., & Kantrov, I. (2006). Designing and Using Video Case Studies for Professional Development on Inclusion in Elementary Mathematics Classrooms. Paper presented at the annual meeting of the American Educational Research Association.

RELATED PROFESSIONAL EXPERIENCE

- Past President, Science Education for Students with Disabilities (SESD).
- Member, Best Practices in Prek-12 Education, Blue Ribbon Panel, Building Engineering and Science Talent (BEST), San Diego, CA.
- Member of National Advisory Boards: Special Science Team Project (funded by NSF), Rutgers University; Cognitively-based multimedia support for a balanced approach to the development of early reading in school and home contexts (funded by NSF, the U.S. Department of Education, and the National Institute of Child Health and Human Development), Vanderbilt University.
- Panel reviewer, National Science Foundation: Directorate for Education and Human Resources, Research on Education, Policy, and Practice (REPP) Program; Teacher Enhancement Program; Program for Persons with Disabilities; Information Technology Research (ITR) Program; Small Business Innovation Research (SBIR) Program; Teacher Professional Continuum (TPC) Program; Advancing Informal STEM Learning (AISL) Program. U.S. Department of Education: Technology Innovation Challenge Grant Program; Preparing Tomorrow's Teachers to use Technology (PT3) Program. Department of Energy: Small Business Innovation Research Program.
- Manuscript reviewer for the Educational Researcher, the Journal for Educational Computing Research, and the Journal of Mathematics Education Leadership.
- Contributed to the development of educational software: Inquire, KidCode™.