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# *Barbara B Levin*

Professor

School of Education  
Professor - Curriculum and Instruction  
Date of Hire: 1993  
18 Laurel Brook Ct., Greensboro, NC 27407  
[Barbara\\_Levin@uncg.edu](mailto:Barbara_Levin@uncg.edu)  
<http://www.uncg.edu/~bblevin>

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## **Professional Interests**

**Research:** Teacher development, teacher education, longitudinal study of teachers' pedagogical thinking, case-based pedagogy, problem-based learning (PBL), integrating technology into the K-12 curriculum

**Teaching:** Research on Teaching and Teacher Education, Interaction of Classroom Management and Instruction, Integrating Technology into K-12 Curriculum, Elementary Social Studies Methods

## **Academic Background**

|       |      |                                   |              |                            |
|-------|------|-----------------------------------|--------------|----------------------------|
| Ph.D. | 1993 | University of California-Berkeley | Berkeley, CA | Educational Psychology     |
| M.S.  | 1971 | University of Wisconsin-Madison   | Madison, WI  | Curriculum and Instruction |
| B.S.  | 1968 | University of California-Berkeley | Berkeley, CA | History and Anthropology   |

## **Certifications**

Wisconsin Elementary K-6 Lifetime Teaching License, Lifetime  
North Carolina Elementary K-6 Teaching License

## **Memberships**

AERA  
ISTE  
ASCD  
NCSS  
AACTE

## **WORK EXPERIENCE**

### **Courses Taught**

Clinical Experience in Teaching (specialized masters)  
Clinical Experience in Teaching Seminar (specialized masters)  
Differentiated Instruction (specialized masters)  
Directed Doctoral Research (doctoral)  
Ed Implc of Learn & Dev Theory (specialized masters)  
Elem Social Studies Education (undergraduate)  
Graduate Independent Study (specialized masters)  
Interac Clssrm Mgt & Instructn (specialized masters)  
Research on Teaching & Tch Educ (doctoral)  
Student Tch & Sem: Elem Grades (undergraduate)

## INTELLECTUAL CONTRIBUTIONS:

### **Refereed Articles**

- Levin, B. B., He, Y., & Robbins, H. H. (2006). Comparative analysis of preservice teachers' reflective thinking in synchronous vs. asynchronous online case discussions. *Journal of Technology and Teacher Education, 14* (3), 439-460.  
Acceptance Date: 2005
- Kurtts, S. S., Hibbard, K. L., & Levin, B. B. (2005). Collaborative online problem solving with preservice general education teachers and special education teachers. *Journal of Technology and Teacher Education, 13* (2), 397-414.
- Antonek, J. A., Matthews, C. E., & Levin, B. B. (2005). A theme-based, cohort approach to Professional Development Schools: An analysis of the benefits and shortcomings for teacher education faculty. *Teacher Education Quarterly, 32*, 131-150.
- Levin, B. B., & Rock, T. T. (2003). The effects of collaborative action research on preservice and in-service teacher partners in professional development school. *Journal of Teacher Education, 54*, 135-149.
- Levin, B. B., Hibbard, K., & Rock, T. T. (2002). Using problem-based learning as a tool for learning to teach students with special needs. *Teacher Education and Special Education, 25* (3), 278-290.
- Rock, T. T., & Levin, B. B. (2002). Collaborative action research projects: Enhancing preservice teacher development in professional development schools. *Teacher Education Quarterly, 29*, 7-21.
- Levin, B. B., & Camp, J. S. (2002). Reflection as a foundation for e-portfolios. *Society for Information Technology and Teacher Education International Conference, 2002* (1), 572-576.
- Levin, B. B. (2002). Dilemma-based cases written by preservice elementary teachers: An analysis of process and content. *Teaching Education, 13*, 203-218.
- Levin, B. B. (2001). Lives of teachers: Update on a longitudinal case study of Ron King. *Teacher Education Quarterly, 28*, 29-47.
- Kurtts, S., & Levin, B. B. (2000). Using peer coaching with preservice teachers to develop reflective practice and peer support. *Journal of Research in Education, 11*, 297-310.
- Kurtts, S., & Levin, B. (2000). Using peer coaching with preservice teachers to develop reflective practice and peer support. *Journal of Research in Education, 11*, 297-310.
- Levin, B. B. (1999). Analysis of the content and purpose of four different kinds of electronic communications among preservice teachers. *Journal of Research on Computing in Education, 32*, 139-156.
- Levin, B. B., & Barry, S. S. (in press). Children's views of technology: The role of age, gender, and school setting. *Journal of Computing in Childhood Education, 8*, 267-290.
- Levin, B., & Matthews, C. (1997). Using hypermedia to educate preservice teachers about gender equity issues in elementary school classrooms. *Journal of Research on Computing in Education, 29* (3), 226-247.
- Levin, B. B. (1996). Using portfolios to fulfill ISTE/NCATE technology requirements for preservice teacher candidates. *Journal of Computing in Teacher Education, 12* (3), 13-20.
- Levin, B. B., & Ammon, P. R. (1996). A longitudinal study of the development of teachers' pedagogical conceptions: The case of Ron. *Teacher Education Quarterly, 23*, 1-21.
- Levin, B. B. (1995). Using the case method in teacher education: The role of discussion and experience in teachers' thinking about cases. *Journal of Teaching and Teacher Education, 11*, 63-79.
- Ammon, P. R., & Levin, B. B. (in press). Expertise in teaching from a developmental perspective: The Developmental Teacher Education program at Berkeley. *Journal of Learning and Individual Differences, 5*, 319-326.

- Levin, B. B., & Ammon, P. R. (1992). The development of the beginning teachers' pedagogical thinking: A longitudinal analysis of four case studies. *Teacher Education Quarterly*, 19 (4), 19-37.
- Lehrer, R., Levin, B. B., DeHart, P., & Comeaux, M. (1987). Voice feedback as a scaffold for writing: A comparative study. *Journal of Educational Computing Research*, 3, 335-353.
- Levin, J. R., Shriberg L., Miller, G., McCormick, C., & Levin, B. B. (1980). The keyword method in the classroom: How to remember the states and their capitals. *Elementary School Journal*, 80, 185-191.

## Refereed Proceedings

### Full Paper

- Levin, B. B., Robbins, H. H., & He, Y. (2004). Comparative study of synchronous and asynchronous online case discussions. *Proceedings of the 2004 SITE Conference*.

## Non-Refereed Articles

- Rock, T. T., & Levin, B. B. (2005). Focusing on notable women in history: First-person oral presentation. *Journal is not in list - being petitioned*, 19 (1), P1-P4.  
Acceptance Date: 2005
- Levin, B. B., & Smith-Gratto, K. (2002). Tasting fine wine online for MERLOT: Criteria for evaluating multimedia educational resources for learning and online teaching. *Journal is not in list - being petitioned*, 2002 (1), 2372-2374.

## Book

- Levin, B. B. (2003). *Case studies of teacher development*. Mahwah, NJ: Lawrence Erlbaum.  
Acceptance Date: 2001
- Levin, B. B. (2001). *Energizing teacher education and professional development with problem-based learning*. Alexandria, VA: Association for Supervision and Curriculum Development.
- Levin, B. B. (2000). *Understanding 21st century teaching tools. Log on or lose out: Technology in 21st century teacher education*. Washington, DC: American Association of Colleges for Teacher Education.

## Book Chapters

### Refereed

- Levin, B. B. (2003). Studying preservice teachers immersed in a Paideia-focused professional development school experience. In I. Guardarrama, J. Ramsey & J. L. Nath (Eds.), *Forging alliances in community and thought: Research in professional development schools*, (pp. 167-187). Greenwich, CT: Information Age Publishing.
- Lundeberg, M. A. & Levin, B. (2003). Prompting the development of preservice teachers' beliefs through cases, action research, problem based learning and technology. In J. Raths & A. McAninch (Eds.), *Teacher beliefs and teacher education. Advances in teacher education*, (pp. 23-42). Greenwich, CT: Information Age Publishers.
- Levin, B. B., Hibbard, K., & Rock, T. (2001). The inclusion classroom problem: Learning about students with disabilities. In B. B. Levin (Ed.), *Energizing teacher education and professional development with problem-based learning*, (pp. 56-72). Alexandria, VA: Association for Supervision and Curriculum Development.
- Levin, B. B. (2001). The charter school problem and problem-based learning. In B. B. Levin (Ed.), *Energizing teacher education and professional development with problem-based learning*. Alexandria, VA: Association for Supervision and Curriculum Development.

Levin, B. B. (2000). Understanding 21st century teaching tools. In American Association of Colleges for Teacher Education (Ed.), *Log on or lose out: Technology in 21st century teacher education*. Washington, DC: American Association of Colleges for Teacher Education.

### **Not Refereed**

- Lundeberg, M. L., Levin, B., & Harrington, H. (1999). Reflections on methodologies and future research. In M. L. Lundeberg, B. B. Levin, & H. L. Harrington (Eds.), *Who learns what from cases and how? The research base on teaching with cases*. Lawrence Erlbaum Associates.
- Levin, B. B. (1999). The role of discussion in learning from case discussions: Who learns what and how? In M. L. Lundeberg, B. B. Levin, & H. L. Harrington (Eds.), *Who learns what from cases and how? The research base on teaching with cases*, (pp. 139-157). Lawrence Erlbaum Associates.
- Levin, B. B. (1999). The role of the facilitator in case discussions. In M. L. Lundeberg, B. B. Levin, & H. L. Harrington (Eds.), *Who learns what from cases and how? The research base on teaching with cases*, (pp. 101-115). Lawrence Erlbaum Associates.
- Acceptance Date: 1999

### **Cases**

- Levin, B. B. (in press). Case commentary on "Is the teacher's gender an issue in Kindergarten?" In P. G. Goldblatt & D. Smith (Eds.), *Cases for teacher development: Preparing for the classroom*. Newbury Park, CA: Sage.
- Acceptance Date: 2004
- Levin, B. B. (1994). To be or not to be: Middle School or Junior High? In Katherine Merseeth (Ed.), *MacDougall Center for Case Studies in Education*. Harvard University: MacDougall Center for Case Studies in Education.

### **Presentation of Refereed Papers**

#### **International**

Levin, B. B., & Camp, J. S. (2003, January). *Reflective writing as the foundation of electronic portfolios*. Presented at Hawaii International Conference on Education, Honolulu, HI.

#### **National**

- Levin, B. B. (2006, April). *Match or mismatch: How congruent are the beliefs of teacher candidates, teacher educators, and cooperating teachers*. Presented at American Educational Research Association's Annual Conference, San Francisco, CA.
- Levin, B. B., & Ye, H. (2005, April). *Investigating the content and sources of preservice teachers' Personal Practical Theories (PPTs)*. Presented at American Educational Research Association Annual Conference, Montreal, Canada.
- Levin, B. B. (2005, April). *At a crossroads? What are they thinking about and doing now? Update on a 20-year longitudinal study of factors that influence the personal and professional lives of teachers*. Presented at American Educational Research Association Annual Conference, Montreal, Canada.
- Levin, B. B., Robbins, H. H., & He, Y. (2004, April). *An analysis of preservice teachers' online case discussions: A comparison of synchronous versus asynchronous case discussions*. Presented at American Educational Research Association Annual Conference, San Diego, CA.
- Levin, B. B., Robbins, H. H., & He, Y. (2004, March). *Comparative study of synchronous and asynchronous online case discussions*. Presented at Society for Instructional Technology and Teacher Education (SITE) Annual Meeting, Atlanta, GA.
- Levin, B. B. (2003, April). *Issues associated with changing teacher beliefs*. Presented at American Educational Research Association Annual Conference, Chicago, IL.

- Kurtts, S. A., Hibbard, K. H., & Levin, B. B. (2003, April). *Examining online collaborative problem solving between elementary and special education preservice teachers*. Presented at American Educational Research Association Annual Conference, Chicago, IL.
- Levin, B. B., Trawick, A., Webb, S., & Wooten, A. L. (2002, April). *Preservice teachers developing understandings of constructivism*. Presented at American Educational Research Association Annual Conference, New Orleans, LA.
- Levin, B. B., & Smith-Gratto, K. (2002, March). *Tasting fine wine online for MERLOT: Criteria for evaluating multimedia educational resources for learning and online teaching*. Presented at Society for Instructional Technology and Teacher Education (SITE) Annual Meeting, Nashville, TN.
- Levin, B. B., & Camp, J. S. (2002, March). *Reflection as a foundation for e-portfolios*. Presented at Society for Instructional Technology and Teacher Education (SITE) Annual Meeting, Nashville, TN.
- Levin, B. B. (2001, April). *Reflections on factors that influence the personal and professional lives of teachers*. Presented at American Educational Research Association Annual Conference, Seattle, WA.
- Levin, B. B. (2001, April). *Studying preservice teachers immersed in a Paideia-focused PDS experience: 1998-2000*. Presented at American Educational Research Association Annual Conference, Seattle, WA.
- Levin, B. B., Hibbard, K. L., & Rock, T. T. (1999, February). *Using problem-based learning with preservice teachers: A pedagogical tool for developing knowledge about inclusion and interprofessional collaboration*. Presented at American Association of Colleges for Teacher Education Annual Meeting, Washington, DC.
- Levin, B. B., Hibbard, K. L., & Rock, T. T. (1998, October). *Exploring problem-based learning with undergraduate preservice teachers: A vehicle for instruction about inclusion*. Presented at American Association for Teaching and Curriculum, Tampa, FL.
- Levin, B. B., & Powell, R. R. (1997, March). *The influence of context in case-based teaching: A collaborative inquiry into preservice teachers' cultured thinking*. Presented at American Educational Research Association Annual Conference, Chicago, IL.
- Levin, B. B. (1997, March). *The influence of context in case-based teaching: Personal dilemmas, moral issues, or real changes in teachers' thinking?* Presented at American Educational Research Association Annual Conference, Chicago, IL.
- Levin, B. B., & Camp, J. S. (1997, March). *Longitudinal study of computer-using teacher candidates*. Presented at American Educational Research Association Annual Conference, Chicago, IL.
- Levin, B. B. (1996, October). *A year-long study of e-mail exchanged among 25 preservice teacher candidates in a PDS cohort*. Presented at American Association for Teaching and Curriculum, San Antonio, TX.
- Levin, B. B. (1996, October). *Analysis of the content of dilemma-based cases written by twelve preservice teachers*. Presented at American Association for Teaching and Curriculum, San Antonio, TX.
- Levin, B. B. (1996, April). *Learning from discussion: A comparison of computer-based versus face-to-face case discussions*. Presented at American Educational Research Association Annual Conference, New York, NY.
- Levin, B. B., & Irwin, D. M. (1995, April). *Discussion-based teaching as faculty development: What teachers learn from case discussions versus discussions based on teacher-generated issues*. Presented at American Educational Research Association Annual Conference, San Francisco, CA.
- Levin, B. B. (1993, April). *Case-based teacher education: An empirical study of individual and social construction of teachers' thinking*. Presented at American Educational Research Association Annual Conference, Atlanta, GA.

- Levin, B. B., & Ammon, P. R. (1991, April). *The nature of teachers' thinking in the pedagogical domain: A developmental perspective*. Presented at American Educational Research Association Annual Conference, Boston, MA.
- Ammon, P. R., & Levin, B. B. (1991, April). *Expertise in teaching from a developmental perspective: The Developmental Teacher Education program at Berkeley*. Presented at American Educational Research Association Annual Conference, Boston, MA.
- Lehrer, R., Levin, B., Comeaux, M., & DeHart, P. (1986, April). *Writing scaffolds for young children: A comparative study*. Presented at American Educational Research Association Annual Conference, San Francisco, CA.

### **Regional**

- Rock, T. T., & Levin, B. B. (2003, February). *Focusing on notable women in history: First-person oral presentations*. Presented at North Carolina Social Studies Conference, Greensboro, NC.
- Rock, T. T., & Levin, B. B. (2002, February). *Exploring webquests in the social studies classroom*. Presented at North Carolina Social Studies Conference, Greensboro, NC.
- Levin, B. B., Matthews, C., & Miller, S. (2000, March). *Professional development schools that provide quality education: A theme-based, cohort approach at UNCG*. Presented at PDS Conference, Columbia, SC.
- Kurtts, S. A., & Levin, B. B. (1999, February). *Using peer coaching with preservice teachers to develop peer support and reflective practice*. Presented at Eastern Educational Research Association, Hilton Head, SC.
- Levin, B. B. (1998, February). *Using cases to analyze the development of preservice teachers' understanding of multicultural education*. Presented at Eastern Educational Research Association, Tampa, FL.
- Levin, B. B., & Saylor, P. (1997, February). *Talking the talk but not yet walking the walk: What do teacher candidates learn during preservice teacher education?* Presented at Eastern Educational Research Association, Hilton Head, SC.
- Levin, B. B., & Barry, S. A. (1996, February). *Children's views of technology: The role of age, gender, and school setting*. Presented at Eastern Educational Research Association, Cambridge, MA.
- Levin, B. B., & Matthews, C. E. (1995, March). *Using hypermedia to teach about gender equity issues: An analysis of K-5 preservice teachers understanding about gender equity from an interactive hypermedia stack*. Presented at Eastern Educational Research Association, Hilton Head, SC.
- Levin, B. B., & Ammon, P. R. (1994, February). *A longitudinal look at the development of teacher's pedagogical conceptions*. Presented at Eastern Educational Research Association, Hilton Head, SC.

### **Local**

- Levin, B. B., & Rothkopf, M. (2003, March). *Evaluating criteria for learning objects in MERLOT: Multimedia educational resources for learning and online teaching*. Presented at UNC Teaching Learning and Technology Conference, Greensboro, NC.
- Levin, B. B., & Ammon, P. R. (1991, April). *The nature of teachers' pedagogical thinking: A developmental approach*. Presented at California Council of Teacher Educators, Berkeley, CA.

## **Presentation of Non-Refereed Papers**

### **National**

- Levin, B. B. (2003, February). *Applying research findings to the design of problem-based learning experiences for teachers*. Invited presentation at PBL Conference, Aurora, IL.
- Levin, B. B. (2000, April). *Lives of teachers: Update on a longitudinal case study*. Invited presentation at American Educational Research Association Annual Conference, New Orleans, LA.

Levin, B. B., & Matthews, C. E. (1996, August). *Teaching about gender equity issues in elementary math, science, and technology classrooms using multimedia technology*. Invited presentation at Teacher Education Equity Conference, Seattle, WA.

Levin, B. B., & Welty, R. (1995, August). *Writing gender equity cases for preservice teacher education*. Presented at Teacher Education Equity Conference, Seattle, WA.

### **Regional**

Levin, B. B., Cooper, J., & Salas, R. (2006, February). *Theory in motion: Book clubs for learning and teaching*. Presented at Lilly South Conference, Greensboro, NC.

### **Dissertation**

Using the Case Method in Teacher Education: The Role of Discussion and Experience in Teacher's Thinking about Cases

### **SERVICE:**

#### **Service to the University**

##### **Departmental assignments:**

###### ***Chair:***

2005-2006: Chair of the Personnel Committee: 2003-2005 School of Education Service

2005-2006: Chair of the Personnel Committee: 2003-2005 School of Education Service

2005-2006: Chair of the Faculty Assembly: 2003-2005 School of Education Service

2005-2006: Mentor Committee Member: Chair for Sherri Merritt, David Ayers, Kerri Richardson and Cos Fi CUI Department Service

###### ***Member:***

2006-2007: Teachers Academy Council of Program Coordinators: since 1994

2006-2007: Search Committee for SOE Director of Instructional Technology: School of Education Service

2006-2007: Search Committee for SOE Director of Instructional Technology: School of Education Service

2006-2007: Elementary Education Program Area Committee: Since 1993 CUI Department Service

2005-2006: Executive Committee: 2003-2005

2005-2006: NCATE Accreditation Conceptual Framework/ Assessment Committee: School of Education Service

2005-2006: Higher Ed Search Committee: CUI Department Service

2004-2005: ESL Search Committee: Also, 2003-2004 CUI Department Service

2003-2004: Teachers Academy Executive Committee: Since 2003

###### ***Other Institutional Service Activities:***

2006-2007: Assistant Department Chair: Since 2003 CUI Department Service

2006-2007: Director of Graduate Studies: Since 2000 CUI Department Service

##### **College/School assignments:**

###### ***Chair:***

2005-2006: Personnel Committee

2005-2006: Faculty Assembly

2005-2006: Faculty Grievance Committee

###### ***Member:***

2005-2006: Executive Council

## **University assignments:**

### ***Member:***

2006-2007: Graduate Directors: Since 2000

2006-2007: Graduates Studies Committee: beginning Fall 2006

## **International**

2003 - Levin, B. and Camp, J. (2003, January). *Reflective writing as the foundation of electronic portfolios*. Presented at Hawaii International Conference on Education, Honolulu, HI.

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