

BARBARA E. POLNICK

Associate Professor
Educational Leadership and Counseling Department
College of Education

Degrees Earned

Ed. D. in Educational Administration, 1999
M. Ed. in Reading, Supervision, 1986
B.S. in Education, Mathematics Minor, 1983

Professional Licensure and Certifications

Texas Mid-management Certification, 1993
Texas Life Supervision, 1986
Texas Life Reading Specialist, 1982
Life High School – English, 1977
Life High School – Mathematics, 1977
Life Elementary (Grades 1-8) – General, 1975

Peer-Review Publications and Artistic Performances/Exhibitions

Articles

- Ritter, C., Polnick, B., Fink, R. & Oescher, J. (2009). Classroom learning communities in educational leadership: A comparison study of three delivery options. *Internet and Higher Education*. Retrieved from <http://dx.doi.org/10.1016/j.iheduc.2009.11.005>
- Polnick, B., Reed, D., Taube, S., & Butler, C. (2008). Female principals and gender equity: Dreams deferred. *Advancing Women in Leadership On-Line Journal*. No. 24 Winter 2008. Retrieved February 11, 2008, from http://advancingwomen.com/awl/awl_wordpress/?page_id=333&preview=true.
- Ritter, C. & Polnick, B. (2008). Connections: An essential element of online learning communities. *Connexions*. Retrieved January 20, 2009 from <http://cnx.org/content/m18837/latest/>
- Polnick, B., Reed, D., Taube, S., Butler, C. (2007). Female Principals and Gender Equity: Dreams Deferred. *Advancing Women in Leadership Online Journal, Fall Edition*. Retrieved December 1, 2007, from http://www.advancingwomen.com/awl/fall2007/polnick_reed.htm (Tier 1)
- Hammer, M., & Polnick, B. (2006). Preparing tomorrow's science teachers. *Educational Leadership*, 64(4), 80-83. (Tier 1)

- Polnick, B., & Reed, D. (2006). What's really at stake with high-stakes testing. *Advancing Women in Leadership On-Line Journal*, 22, 1-8. Retrieved January 28, 2007, from http://www.advancingwomen.com/awl/Fall2006/polnick_reed.htm (Tier 1)
- Hines, M.T., Reed, D., Polnick, B., & Parker, C. (2006). Interviewing for the professorship: Determining a before, during and after goodness of fit. *Academic Leadership The Online Journal*, 4(3), 1-8. Retrieved January 29, 2007, from <http://www.academicleadership.org/volume4/issue1/index.html> (Tier 1)
- Robles-Piña, R. A., Reed, D., & Polnick, B. (2006). Best practices about bullying: What counselors and teachers know and what principals should know, 374-386. In F. L. Dembowski, & L. K. Lemasters (Eds.), *NCPEA Yearbook Unbridled Spirit: Best Practices in Educational Administration*. Lancaster, PA: DEStech Publications, Inc. (Tier 1)
- Taube, S. R., Polnick, B. E., & Lane, J. M. (2006). Meeting the needs of a Latino English language learner through teacher research. *The Qualitative Report*, 11(4), 795-811. Retrieved January 10, 2007, from <http://www.nova.edu/ssss/QR/QR11-4/taube.pdf> (Tier 1)
- Funk, C., & Polnick, B. (2005). Advice from the field in educational leadership for female principals. *Journal of Women in Educational Leadership*, 3(1) 21-35. (Tier 2)
- Edmonson, S., Polnick, B., & Fisher, A. (2005). Ethical administrators: Tools for the trade. *School Leadership Review*, 1(1), 83-90. (Tier 2)
- Taube, S., Polnick, B., & Jasper, B. (2005). Guiding teachers in conducting action research, 72-76. *Academic Education Quarterly*, 9(3). Retrieved November 21, 2005 from <http://rapidintellect.com/AEQweb/fall2005.htm> (Tier 1)
- Taube, S., Polnick, B., & Jasper, B. (2005). Designing and using alternative assessments to measure the problem solving skills of elementary students. *The Journal of Border Educational Research*, 3(2), 88-102. (Tier 1)
- McGuire, M., Simpson, C., & Polnick, B. (2005). How young is too young? A case for early identification of gifted learners. *Gifted Education Press Quarterly*, 15(2). Retrieved on 11/12/05 at <http://www.giftededpress.com/gepqnw.htm> (Tier 2)

- Polnick, B., Taube, S.R., & Reed, D. (2005). Leadership influences on professional development: Overcoming barriers to implementation. In S. Harris, B. Alford, & J. Ballenger (Eds.), *Women as school executives, Leadership: a bridge to ourselves*, (pp. 199-208). Austin, TX: Texas Council of Women School Executives. (Tier 2)
- Polnick, B., & Edmonson, S. (2005). Expanding data analysis skills in educational leaders: Implications for preparation programs. *Scholar-Practitioner Quarterly*, 3(1), 39-52. (Tier 2)
- Polnick, B., Reed, D., Funk, C., & Edmonson, S. (2004). Groundbreaking women: Inspirations and trailblazers. *Advancing Women in Leadership On-line Journal*, 16. Retrieved January 15, 2007, from <http://www.advancingwomen.com/awl/winter2004/Polnick.html> (Tier 2)
- Polnick, B., & Edmonson, S.L. (2003). Developing data analysis skills in principals. (ERIC Document Reproduction Service No. ED 476 419) (Tier 2)
- Edmonson, S.L., Fisher, A., & Polnick, B. (2003). Portrait of an ethical administrator. (ERIC Document Reproduction Service No. ED 475 494). (Tier 2)
- Polnick, B. (2002). Crossing the great divide: Changing the culture of women through gender equity in mathematics teaching and learning. *Advancing Women in Leadership On-line Journal*, 12(1). Retrieved January 28, 2007, from <http://www.advancingwomen.com/awl/fall2002/POLNICK.html> (Tier 1)
- Polnick, B., & Brown, G. (1991). A Three-Step Approach for Improving Classroom Management and Student Motivation Problems, *TEPSA Journal*, 28, 10-11, Austin, TX: TEPSA. (Tier 2)

Books

Chapters

- Polnick, B., Dwyer, C.A., Haynie, C.F., Froschl, M., Sprung, B. & Fromberg, D. (2007). Gender equity in early learning environments, 609-630. In S. Klein (Ed.), *The Handbook on Research on Gender Equity*, Mahwah, NJ: Lawrence Erlbaum Associates, Inc.
- Reed, D., Fox, L., Andrews, M.L., Betz, N., Evenstad, J.P., Harris, A., Parker, C.H., Johnson, J., Johnson, S., Polnick, B., & Rosser, P. (2007). Gender equity in testing and assessment, 155-169. In S. Klein, C. Dwyer, L. Fox, D. Grayson, K. Cheris, D. Pollard, & B. Richardson (Eds.), *Handbook for achieving gender equity through education*. NJ: Lawrence Erlbaum Associates.

Polnick, B., & Funk, C. (2005). Early mathematics: Learning in the block center. In J. Koch & B. Irby (Eds.), *Gender and Schooling in the Early Years*, 99-112. Greenwich, CT: Information Age Publishing.

Funk, C., Polnick, B., Pankake, A., & Schroth, G. (2004). Profiles of outstanding male and female superintendents: A comparative study of leadership dimensions. In C. Carr & C. Fulmer, (Eds.), *Educational Leadership: Knowing the Way, Showing the Way, Going the Way*, 331-346. Lanham, MD: Rowman & Littlefield Pub., Inc.

Proceedings

Reed, D., & Polnick, B. (2006). High stakes assessments: What's really at stake? In C. M. Harris, K. Jackson, & D. G. Johnson (Eds.), *RWE 2005 Conference Proceedings* (1-3). Retrieved January 28, 2006, from <http://www.rwesig.Net/confproceedings.htm>

Research Monographs and Technical Reports

Polnick, B. (2009). *Mathematics Audit Report for Onalaska Elementary School (K-6)*. Developed for Onalaska ISD: L. Redden, H. Williams, & C. Reid. Submitted October 22, 2009. Onalaska, TX.

Polnick, B., & Pynes, J. (2009). *Report of the Mathematics Audit for Shepherd Independent School District*. Developed for Shepherd ISD: J. Cronin, L. Redden, & C. Reid. Submitted April 28, 2009. Shepherd, TX.

Irby, B. & Polnick, B. (2007). *Statistical analysis of gifted programs in Texas*. Developed for the Texas Association for the Gifted and Talented (TAGT). Unpublished document. Austin, TX.

Sullivan, S., Johnson, D., Polnick, B. & Rice, M. (2007). *APPA Leadership Institute Curriculum: A Journey to Leadership*. Developed in conjunction with the Correctional Management Institute of Texas and the American Probation and Parole Association Design Team: Dretke, D., Davidson, C., Bell, D., Covey, S., Dooley, M., Dunlap, K., Nagy, G. & Waters, K. American Probation and Parole Association.

Reed, D., & Polnick, B. (2006). *The principal internship manual: ASE 662 practicum in school administration*. Huntsville, TX: Sam Houston State University Educational Leadership and Counseling Department.

Polnick, B. (2005). External Evaluation of Eisenhower Professional Development Grant Program "Increasing the Pool of Highly Qualified Middle School Mathematics Teachers," 46 page report. Submitted to: Texas Higher Education Coordinating Board, Austin, TX. Grant Co-Principal Investigators: Drs. Taube and Jasper.

Polnick, B. (2005). Evaluation of "Groundbreaking Women in Educational Leadership: A Professional Development Inquiry," Polnick, B., Reed, D., & Edmonson, S., Grant Co-Investigators. Funding: Enhancement Grant for Professional Development. Submitted to: Office of Research and Sponsored Programs, SHSU, Huntsville, TX.

Polnick, B. (2003, November) External Evaluation of Eisenhower Professional Development Grant Program "*Standards-based Mathematics for Elementary Teachers (SMET)*" 45 page report. Submitted to: Texas Higher Education Coordinating Board, Austin, TX. Grant Co-directors: Drs. Taube and Jasper.

Polnick, B., Bruhn, R., DeTrude, J., Johnson, J., Reed D. & Christensen, J. (2002). *Writing Standards for Sam Houston State University Educational Leadership and Counseling*. Document published online on the EDLC Department Website. Cited in all department course syllabi. Huntsville, TX: Sam Houston State University.

Funded External Grants

Time Out for Problem Solving (TOPS). Teacher Quality Professional Development Program funded by the Texas Higher Education Coordinating Board, 2003-2004. THECB funding: \$75,000. Co-principal Investigators: Taube, S. & Polnick, B. (Sam Houston State University)

Peer-Review Presentations/Posters

Polnick, B., Ritter, C., Reed, D., & Taube, S. (2009, October). *Classroom Learning Communities: Building Spirit, Trust, and Connectedness*. Research on Women and Education (AERA SIG) Annual Conference.

Polnick, B., Reed, D., Taube, S. (2009, October). *Symposium on Teaching Gender Equity Education Courses: Inclusive Classrooms in Higher Education*. Research on Women and Education (AERA SIG) Annual Conference.

Polnick, B., Foster, A., & Reed, D. (2008). *TOY study: National winners speak out on seven issues facing America's teachers today*. Phi Delta Kappa International Summit on High-Performing Educators (PDK), San Antonio, Texas.

Shannon, L., Polnick, B., & Cooper, P., 2006, "Millennial generation leads changes in higher education." Asia-Pacific Educational Research Association (APERA), Hong Kong, China, November 2006

- Klein, S., Polnick, B., Strawn, C. & McCormick, T., 2007, "Handbook for Achieving Gender Equity through Education, 2nd Edition: Overcoming Myths." Research on Women and Education (RWE) Fall Conference. San Antonio, TX. October 2007
- Polnick, B., Moore, G., Haggard, J., & Irby, B., 2007, "Navigating Online Internships: Smooth Sailing or Not?" National Council of Professors of Educational Administration (NCPEA). Chicago, Illinois. August 2007
- Polnick, B. Taube, S., Teague, R., 2007, "Implementing a Questioning Model for Teaching Problem Solving Using Multiple Representations." National Council of Teachers of Mathematics. Atlanta, Georgia. March 2007
- Edmonson, B., Irby, B., & Polnick, B., 2006, "Preparing special education teachers to be leaders in their field." Conference on Educational Research and Teacher Evaluation. San Antonio, TX. September, 2006
- Polnick, B., 2006, "Early mathematics: Learning in the block center." American Educational Research Association (AERA) Symposium "Gender and schooling in the early years," Chaired by J. Koch & B. Irby. San Francisco, CA. April, 2006
- Polnick, B., 2006, Discussant (for B. Irby). "Principal actions and influences on school improvement outcomes." American Educational Research Association (AERA). San Francisco, CA. April 2006
- Polnick, B., 2006. Discussant (for B. Irby). "Supporting and developing reflective practice." American Educational Research Association (AERA). San Francisco, CA. April 2006
- Polnick, B., Taube, S. Butterfrass, J., Callier, A., Thornton, S., 2006. "What you ask..is what you get!!" National Council of Teachers of Mathematics (NCTM). St. Louis, MO. April 2006
- Polnick, B., & Reed, D., 2006, "Mindful leading in reading." College Reading and Learning Association (CRLA) International. Austin, TX. October 2006
- Polnick, B. Reed, D., & Taube, S., 2006, "Female principals and gender equity: Dreams deferred." Research on Women and Education (RWE). Detroit, MI. October 2006
- Polnick, B., 2006, "Update on early childhood gender equity chapter." Research on Women and Education (RWE). Detroit, MI. October 2006

- Polnick, B., 2005, "Recommendations from the gender equity in early learning environment handbook chapter." Research on Women and Education (RWE), Dayton, OH. October 2005
- Polnick, B., & Reed, D., 2005, "High stakes assessments: What's really at stake?" Research on Women and Education (RWE), Dayton, OH. October 2005
- Polnick, B., Reed, D., & Robles-Pina, R., 2005, "Meeting the challenges of leaving no principal candidate behind." National Council of Professors of Educational Administration (NCPEA), Washington, D.C. August 2005
- Reed, D., Robles-Pina, R. A., Polnick, B., & Funk, C., 2005, "Assess your bully quotient: Comparison of education administrators and practitioners." National Council of Professors of Educational Administration (NCPEA), Washington, D.C. August 2005
- Kortz, J., & Polnick, B., 2005, "Enhancing instruction through better technological practice." National Council of Professors of Educational Administration (NCPEA) Conference, Washington, D.C. August 2005
- Reed, D., Johnson, J., Robles-Pina, R., Funk, C., & Polnick, B., 2005, "Can you hear me now? Communication issues between the principal and the school counselor." National Council of Professors of Educational Administration (NCPEA), Washington, D.C. August 2005
- Polnick, B., & Taube, S., 2005, "What Were They Thinking?" National Council of Teachers of Mathematics (NCTM), Anaheim, CA. April 2005
- Funk, C., Polnick, B., Reed, D. & Fisher, A., 2004, "Gender equity in public schools: Strategies for success." Research on Women in Education (RWE), Cleveland, OH. October 2004
- Funk, C., & Polnick, B., 2004, "Reconstructing leadership: A case for constructivism." Conference for the National Council of Professors of Educational Administrators (NCPEA), Branson, MO. August 2004
- Funk, C., & Polnick, B., 2004, "Female principals: Advice from the field." American Educational Research Association (AERA) Symposium, "Through the Looking Glass: The Multiple Lenses in Research on Female Principals", San Diego, CA. April 2004
- Funk, C., Pankake, A., Schroth, G. & Polnick, B., 2004, "Archetypes of outstanding female superintendents." American Association of School Administrators (AASA), San Francisco, CA. February 2004

- Polnick, B., Taube, S., & Funk, C., 2004, "Developing elementary teachers' abilities to teach and assess problem solving." Research on Women and Education (RWE), Cleveland, OH. October 2004
- Polnick, B., & Taube, S., 2004, "Mentoring elementary teachers in designing and using alternative assessments for measuring students' problem solving skills." Association of Teacher Educators (ATE), Dallas, TX. February 2004
- Polnick, B., 2004, "Creating a new handbook for achieving gender equity through education," American Educational Research Association (AERA) Symposium "Research Handbook," San Diego, CA. April 2004
- Wegmann, S., Polnick, B., et al., 2003, "Characteristics and factors that influence teachers to remain in the teaching profession." College Reading Association, Corpus Christi, TX. October 2003
- Funk, C., & Polnick, B., 2003, "Early childhood education: The gap in the gender gap." Research on Women in Education (RWE), Knoxville, TN. October 2003
- Edmonson, S., Fisher, A., & Polnick, B., 2003, "Tools for developing ethical administrators." National Council of Professors of Educational Administration (NCPEA), Sedona, AZ. August 2003
- Edmonson, S., Fisher, A., & Polnick, B., 2003, "Portrait of an ethical administrator." American Association of School Administrators, New Orleans, LA. February 2003
- Polnick, B., Edmonson, S., & Fisher, A., 2003, "A model bilingual administrator masters/certification program: Update on project status." American Association of School Administrators, New Orleans, LA. February 2003
- Polnick, B., & Boehm, E., 2002, "Crossing the great divide: Changing the culture of women through gender equity in mathematics teaching and learning." Research in Women in Education (RWE), New Orleans, LA. October 2002
- Lunenburg, F., & Polnick, B., 2002, "Home-school partnerships: A critical factor in students' academic success." National Council of Professors of Educational Administration, Burlington, VT. August 2002
- Johnson, J., Irby, B., Brown, G., & Polnick, B., 2002, "A model bilingual administrator masters/certification program." National Council of Professors of Educational Administration, Burlington, VT. August 2002

Work or Professional Experiences

2008-2010, Associate Professor, Educational Leadership and Counseling Department, Sam Houston State University, Huntsville, TX

2002-2008, Assistant Professor, Educational Leadership and Counseling Department, Sam Houston State University, Huntsville, TX

2001-2002, Director of Curriculum and Instruction, Montgomery Independent School District, Montgomery, TX

1995-2001, Director of Curriculum and Instruction, Brenham Independent School District, Brenham, TX

1993-1995, Assistant Principal, Knox Jr. High, Conroe ISD, Conroe, TX

1991-1993, Elementary Supervisor, Grades PK-8, Livingston ISD, Livingston, TX

1982-1991, Education Specialist, Education Service Center, Region VI, Huntsville, TX

1975-1982, Mathematics & Reading Teacher, Drill Team Instructor. Willis High School, Willis ISD, Willis, TX

Honors and Awards

Vice President, Phi Delta Kappa, Sam Houston Chapter, 2008-2009

Chapter Member Liaison/Area Director. Phi Delta Kappa, Multi-chapter Position, 2007-2009

Newsletter Editor, Delta Kappa Gamma, Upsilon Chapter, 2009-2010

Reviewer, National Council of Professors of Educational Administration Publications Committee, 2006-2009

Program Co-chair, Research for Women and Education (RWE) Conference, National organization (AERA SIG), 2007

Reporter, Board Position, Research for Women and Education (RWE), National organization (AERA SIG), 2005-2008

Chapter Member Liaison (Elected Regional Position). Phi Delta Kappa, Sam Houston State University Chapter, 2007-2009

Chair, Research Division, Texas Association for the Gifted and Talented, Executive Board, Elected Position 2-year term, 2004-2006

President, Phi Delta Kappa, Sam Houston Chapter, "Honor" Chapter Recognition, 2005-2006

Chairman, Nominating Committee, Texas Association of Supervisors in Mathematics, 1999-2000

Administrator of the Year, Brenham ISD, Brenham, TX, 1999-2000

Outstanding Employee of the Month, Brenham ISD, Brenham, TX, 1997

Treasurer, Texas Council of Teachers of Mathematics, Elected Position 2-year terms, 1993-1997

Secretary-Treasurer, Brazos-Trinity Texas Association for Supervision and Curriculum Development, 1987-1988

Newsletter Editor, Affiliate Newsletter Editor's Award, Phi Delta Kappa, Sam Houston State University Chapter, Huntsville, TX, 1986

Other Competencies

Reviewer, Educational Leadership Constituent Council (ELCC) (Evaluator) for NCATE, 2005-2008

Reviewer, National Council of Professors of Educational Administration Publications Committee, 2006-2008

Reviewer, *Advancing Women in Leadership Online Journal* Review Board, 2006-2007