

CURRICULUM VITA

Name: Sylvia R. Taube
Title: Associate Professor
Department: Curriculum & Instruction
College: Education

Degrees Earned

Doctor of Philosophy, The State University of New York-Albany, NY, USA, 1992
Master of Arts in Teaching, University of the Philippines, Quezon City, Philippines, 1976
Bachelor of Science, Mindanao State University, Philippines, 1971

Professional Licensure and Certifications

Secondary Mathematics (Gr. 7-12)

Peer-Review Publications and Artistic Performances/Exhibitions

Published Articles (only those published from 2005 are listed below)

- Black-Fuller, L., Taube, S., Koptelov, A., & Sullivan, S. (2016). Smartphones and pedagogy: Digital divide between high school teachers and secondary students. *US-China Education Review A*, 6(2), 124-131.
- Koptelov, A., & Taube, S. (2015). Learning mathematics and critical thinking via computer games design. *Journal of Mathematical Science*, 2(3), 88-96.
- McIntush, K., Taube, S., Forester, T. (2014). Strengthening university-school partnership through project based learning. *The Forum*, 4, 2-18.
- Taube, S., McIntush, K., Forester, T., Gomez, A., & Junco, T. (2014). Infusing PBL in PDS program with rural school partners. *PDS Partners*, 9(3), 15/12.
- Jasper, W., Polnick, B., & Taube, S. (2012). Teaching strategies and activities that enhance spatial visualization. *Learning and Teaching Mathematics Journal*. 13, 33-37.
- Swarthout, M., & Taube, S. (2012). *Program Report for the Preparation of Secondary Mathematics Teachers*: Reviewed by the National Council for Accreditation of Teacher Education/NCTM SPA. Awarded: "Full Recognition" status.
- Taube, S., & Jasper, W. (2009). Reaching out to English language learners: An in-service project for mathematics teachers. *Southeastern Teacher Education Journal*, 2(2), 75-81.

- Jasper, W., & Taube, S. (2008). *Professional Development Training Module: Mathematics for English Language Project*, Texas State University System/Texas Education Agency Publication.
- Polnick, B., Reed, D., Taube, S., & Butler, C. (2007). Female principals and gender equity: Dreams deferred. *Advancing Women in Leadership Online Journal*. Retrieved December 15, 2007, from <http://www.advancingwomen.com/awl/fall2007/>.
- Taube, S., & Ortiz, R. (2007). Teach and re-teach: Field experiences for methods teacher candidates. *Michigan Association of Teacher Educators Journal*. 4(1), 18-23.
- Taube, S., Polnick, B., & Lane, J. (2006). Meeting the needs of a Latino language learner through teacher research. *The Qualitative Report*, 11(4) retrieved May 17, 2006 from <http://www.nova.edu/ssss/QR/QR11-4/taube.pdf>.
- Taube, S., Polnick, B., & Jasper, W. (2005). Guiding teachers in conducting action research, *Academic Exchange*, 9(3), 72-76.
- Polnick, B., Taube, S., & Reed, D. (2005). Leadership influences on professional development: Overcoming barriers to implementation. In J. Ballenger, S. Harris, & Alford, B. (Eds.), *Women as Education Executives*, (pp.199-207)). Austin, TX: Texas Council of Women School Executives, TX.

Books Chapters

- Taube, S., & Polnick, B. (2014). Looking through a mirror with a third eye: Using self-reflection to build culturally-responsive classrooms. In J. Koch, B. Polnick, & B. Irby, (Eds.), *Girls and Women in STEM Fields: A Never-Ending Story* (pp. 193-216). Charlotte, NC: Information Age.
- Williams, P., Taube, S., & Hammer, M. (2009). Essential components of a novice induction program. In G. Zimmermann, P. Guinee, L. Fulmore, E., & E. Murray (Eds.) *Empowering the Mentor of the Beginning Mathematics Teacher* (pp. 57-58). Reston, VA: National Council of Teachers of Mathematics.

Research Monographs and Technical Reports

- Jasper, W. & Taube, S. (2008). *Professional Development Training Modules for English Language Learners*. Texas State University System and Texas Education Agency.
- Jasper, W., Swarthout, M., Taube, S., & Long C. (2006). *Teachers Guide to Teaching Mathematics for English Language Learners: Middle School Geometry and Measurement*. Texas State University System and Texas Education Agency.

Jasper, W., Huber, J., Taube, S., Taylor, F., Klespis, M., Swarthout, M., Long, C., Avalos, E., Gerardo, L., and Bohan, S. (2005). *Teachers Guide to Teaching Mathematics to English Language Learners*. Access from www.tsusmell.org (the official website of the TSUS Mathematics for English Language Learners (MELL)).

Funded External Grants (None since 2010)

Peer-Review Presentations (only from 2010 are listed below)

International:

Taube, S. (2016, November). Forms of assessments to measure meaningful learning and provide immediate feedback. Universidad de Iberoamerica, San Jose, Costa Rica.

Koptelov, A., & Taube, S. (2015, October). Designing and developing computer games for learning. Paper presented at the Third Asian Conference on Society, Education, and Technology, Japan (I was not able to travel due to lack of funding. Dr. Koptelov presented).

Taube, S. (2014, June). Engaging teacher educators in evaluation reform: What's in it for you? Zamboanga State College of Marine Sciences and Technology, Zamboanga City, Philippines.

National:

Koptelov, A., & Taube, S. (2015, February). Using technology in learning mathematics through computer games development. Paper presented at the MidSchool Math National Conference, Sta. Fe, NM.

Taube, S. (2014, April). Bring back Problem-Based Learning into our methods courses! Paper presented at the annual meeting of the National Council of Teachers of Mathematics. New Orleans, LA.

Taube, S. (2014, March). Preparing future teachers to teach beyond "Pizza Party" math lessons. Paper presented at the annual meeting of the Research Council for Mathematics Learning, San Antonio, TX.

Forester, T., McIntush, K., & Taube, S., (2014, March). Ten tried and tested themes for project based Learning that benefit our PDS partnerships. Paper presented at the annual meeting of the National Professional Development Schools Conference, Las Vegas, NV.

Taube, S., Forester, T., & McIntush, K. (2013, March). Infusing a project based learning methodology in content methods courses for PDS future teachers. Paper presented at

the annual meeting of the National Professional Development Schools Conference, New Orleans, LA.

Taube, S. & Polnick, B. (2012, October). Looking through a mirror with a third eye: Using self-reflection to build culturally-responsive classrooms. Paper presented at the annual meeting of the Research on Women and Education. Coeur d'Alene Resort, Idaho.

Maier, J. & Taube, S. (2012, March). Raising the ante: Developing and assessing PDS teacher resident's critical thinking by applying problem based learning and medical models. Paper presented at the annual meeting of the National Professional Development Schools Conference, Las Vegas, NV.

Maier, J., Taube, S., Forester, T, & Timme, K. (2012, February). Problem-based learning embedded across a PDS-residency teacher education program. Paper presented at the annual meeting of the Association of Teacher Educators, San Antonio, TX.

Bustamante, R., Taube, S., & Berg, H. (2011, April). Exploring secondary school principals' roles in leading schools with Latino English language learners. Paper presented at the annual meeting of the American Educational Research Association, New Orleans, LA.

Maier, J., Taube, S., Kohn, L., & Watts, C. (2011, March). Evaluating an urban and a rural PDS Program: Using the PDS profile based on the NAPDS nine essentials. Paper presented at the annual meeting of the National Professional Development Schools Conference, New Orleans, LA.

Taube, S., & Berg, H. (2010, October). Secondary mathematics teachers' musing on college readiness and Latino ELLs: Challenges in reforming practice toward a culturally relevant pedagogy. Paper presented at the annual meeting of the Research on Women and Education Conference, Philadelphia, PA.

Maier, J., & Taube, S. (2010, February). Trash day: Helping future teachers design integrated curriculum. Paper presented at the annual meeting of the Future Educators Association Conference, San Antonio, TX.

Regional

Taube, S. (2015, November). Equity and project-based learning: Are they a perfect fit? Paper presented at the National Council of Teachers of Mathematics Regional Conference, Nashville, TN.

State/Local

- Taube, S., & McIntush, K. (2015, October). Preparing K-6 teachers using two paradigms in teaching content method courses. Paper presented at the Consortium of State Organizations for Texas Teacher Educators conference, Frisco, TX
- Black-Fuller, L., Taube, S., & Sullivan, S. (2015, October). High school teachers' views of cellular devices as teaching tools. Paper presented at the Consortium of State Organizations for Texas Teacher Educators conference, Frisco, TX
- Eidson, K., Taube, S., & Brown, L. (2015, October). Telling the study abroad story digitally: Using technology to enhance learning outcomes. Paper presented at the Consortium of State Organizations for Texas Teacher Educators conference, Frisco, TX
- McIntush, K., Taube, S., & Forester, T. (2014, October). Project based learning and teacher preparation programs: Strengthening university-school district partnerships. Paper presented at the Consortium of State Organizations for Texas Teacher Educators conference, Austin, TX.
- Mitchell, J., Hynes, J., Taube, S., & Coyne, J. (2014, October). Practices utilized by classroom teachers in Texas to support learning of low SES students. Paper presented at the Consortium of State Organizations for Texas Teacher Educators conference, Austin, TX.
- Taube, S. & Forester, T. (2013, October). Our journey into project based learning: Improving practice and teacher quality. Paper presented at the Consortium of State Organizations for Texas Teacher Educators conference, San Antonio, TX
- Maier, J., Taube, S., & Forester, T. (2011, October). Innovation in teacher preparation: Embedding problem-based learning within a partnership program. Paper presented at the Consortium of State Organizations for Texas Teacher Educators conference, Corpus Christi, TX.
- Sharon, V., Hughes, T., & Taube, S. (2011, July). Learning to teach a math methods course using lesson study. Paper presented at the Conference of the Association of Mathematics Teachers, Grapevine, TX.

Work or Professional Experiences

- 2010- Present, Associate Professor, Tenured, College of Education, SHSU
- 2001- 2010, Assistant Professor, Tenured, College of Education, SHSU
- 1998- 2001, Assistant Professor, Tenure-track, College of Education, SHSU
- 1995-1998, Tenure-track, Assistant Professor, College of Education, University of Texas-Pan American, Edinburg, TX
- 1989-1995, Full-time Instructor, Mathematics Department, University of Texas-Pan American, Edinburg, TX
- 1976-1981, Instructor, Western Mindanao State University, Philippines
- 1971-1974, Secondary Classroom Math/Science Teacher, Philippines

Honors and Awards

Fulbright-Hays Scholar (1981-1986)

Other Competencies

Educational Program Evaluation

Council for the Accreditation of Educator Preparation/National Council of Teachers of Mathematics Program Reviewer (Reviewer for Gr.7-12 Mathematics)