Scaling Up SimCalc Publications & Presentations (July 2010)


Hegedus, S. (to be submitted). Feeling trigonometric! Walking circles using motion detectors and dynamic software. *Mathematics Teacher*


Hegedus, S., & Kaput, J. (under revision). *Improving algebraic thinking through a connected SimCalc MathWorlds classroom*. *Journal for Research in Mathematics Education*


content, technology, and scale. A session honoring the memory of Jim Kaput. Invited symposium at the International Conference for the Learning Sciences, Indiana University, Bloomington, IN.


Hopkins, B. (2007, September). Results from Scaling Up SimCalc. Presented at the business meeting of members, Texas Association of Supervisors of Mathematics fall meeting, Austin, TX.


Knudsen, J., & McNemar, B. (2007, March). Algebra comes alive through technology and simulations: SimCalc replacement units for 7th and 8th grade. Presentation at the annual meeting of the National Council of Supervisors of Mathematics, Atlanta, GA.


Pierson, J. (2007, April). “She’s the smart one and I’m the dumb one”: How identity, positioning, and power impact the co-construction of mathematical meaning. Paper presented at the annual meeting of AERA, Chicago, IL.


Roschelle, J. (2005, July). *Democratizing access to the mathematics of change.* Presentation at the Tablet PCs in Higher Education Conference, Seattle, WA.


Roschelle, J. (2006, April). *Getting to scale with innovations that deeply restructure how students come to know mathematics.* Presentation at the annual meeting of AERA, San Francisco, CA.


Roschelle, J. (2007, March). *Can technology-based representations deepen math learning and close the gap? Research findings from a large scientific study.* Keynote presentation at the NCTM Annual Meeting and Exposition, Atlanta, GA.


Roschelle, J. (2008, April). *Can a technology-enhanced curriculum improve student learning of important mathematics?* Presentation at NCSM Annual Conference, Salt Lake City, UT.


Roschelle, J., Tatar, D., & Kaput, J. (in press). Getting to scale with innovations that deeply restructure how students come to know mathematics. In A. Kelly, R. Lesh, & J. Baek (Eds.),


Stroter, A. (2008, April). Teacher-student racial and ethnic congruence: Race still matters in the classroom. Invited talk at the University of Iowa, Iowa City, IA.


