

## **Scaling Up Mathematics Learning Technology Across A Variety of Schools**

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Enabling students to learn more complex and conceptually challenging mathematics is considered to be a critical goal across most countries on the Pacific Rim. Technology can play a key role by representing mathematical ideas visually, dynamically, and with conceptual linkages. In a large scale experiment across eight regions of Texas, we examined the robustness of technology-enhanced mathematics learning. We found that the SimCalc approach (which integrates teacher professional development, paper curriculum and technology) was effective across varying settings, including schools that varied dramatically in the populations of students they served, teachers with different backgrounds, attitudes, and pedagogies, and students of different gender and incoming mathematics ability. Now we have also expanded the SimCalc program to Singapore on a trial basis. We will discuss the challenge of scaling up mathematics learning technology to a variety of regions within a country and around the world.