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Min-Lin Lo TSSA Fall 2007

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Fall 2007 Teaching Skills Study Award (TSSA) Report

Name: Min-Lin Lo

Department: Mathematics

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Date Submitted: February 26, 2008.

Name and Date of conference attended:

The 12th Asian Technology Conference in Mathematics
December 16-20, 2007

Teaching Skill(s) Studied:

Examples of using *MS Excel* and *Google Earth* to design projects that making math simple, attractive, and personal to students.

Developing mathematical thinking and problem solving skills through card tricks.

Making connection between math problems and real life scenarios.

Using Technology to enhance student learning in mathematics such as: visualization of theorems and motions of higher dimension math and the process of discovery of theorems with Computer Algebra Systems.

Impact on Current Teaching (How was this info applied)?

The most important impact of this conference is that it changed the way I think about using technology in teaching. To be precise, I'm less intimidated by using technology in teaching after I've seen how other teachers implemented it in their classroom. This conference has also opened my eyes to new useful software programs that I've never knew existed. I also learned from several presenters about their teaching philosophy, especially the ones about how we should help students to see math in their everyday life and how we should always come up with real life examples to motivate learning. I'm planning on applying what I learned during the conference into my future courses.