



NEWS

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AMATYC Awarded NSF Grant for Mathematics Across the Community College Curriculum

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In May, AMATYC received notice from the National Science Foundation that the Mathematics Across the Community College Curriculum (MAC³) project had been funded in the amount of \$699,893 over four years. This national dissemination project supports faculty of all disciplines to integrate mathematics and quantitative reasoning into their courses. MAC³ builds upon the successful four-year NSF funded Mathematics Across the Curriculum Project from Edmonds CC in Washington State led by Deann Leoni and Rebecca Hartzler. AMATYC is a partner on this grant with Edmonds CC, Seattle Central CC, and Miami Dade College.

The central activities of the MAC³ project will be curriculum planning institutes to be held in both summer and winter. Interdisciplinary teams of faculty will attend these four-day institutes with the purpose of creating assignments or projects that include or enhance the mathematics to support topics in their non-math disciplines. Edmonds' MAC project supported a wide variety of disciplines including art, anthropology, biology, business, chemistry, English composition, ESL, gerontology, physics, sociology, and Spanish. MAC³ supports both transfer and professional/technical faculty. The institutes will feature a networked computer lab, experienced consultants, and workshops in assessment, utilizing technology, and cross-disciplinary teaching. Most important, the institutes will provide time for the teams to work so that participants will leave with classroom ready materials.

The first MAC³ summer institute will be held August 9-12, 2005, in Leavenworth, WA. There will be future summer institutes in Washington in 2006 and 2007, and winter institutes in Florida in 2007 and 2008. Dates for these conferences and more information will be posted on the AMATYC webpage and on the MAC website, <http://mac.edcc.edu>. By the conclusion of the four-year grant, AMATYC will sustain the Mathematics Across the Community College Curriculum Project through the existing Traveling Workshops and Summer Institutes.

'Catch the Wave' about the MAC³ project in November at a presentation given by the project directors at the 31st Annual AMATYC Conference in San Diego. The session is scheduled for 3:30 p.m. on Friday, November 11, 2005.

For ideas and examples of implemented curriculum, see <http://mac.edcc.edu>. For more information, contact the project PI, Christie Gilliland at cgillila@greenriver.edu or project Co-PIs, Deann Leoni at dleoni@edcc.edu or Rebecca Hartzler at rhartzler@sccd.ctc.edu.