

# May



## The University of Texas at San Antonio Academy for Teacher Excellence Latinos in STEM Summit

May 13-14, 2010

Critical Analysis and Dialogue Summit: Transforming STEM Pedagogies and Policies for Latino Students' Success

The Academy for Teacher Excellence, College of Education and Human Development, at the University of Texas at San Antonio (UTSA) is hosting a Summit that includes university faculty, researchers, teachers, principals, students, and local, state and national representatives. Fifty guests have been invited to this to share their expertise in the areas of Science, Technology, Engineering, and Mathematics (STEM). Their perspective will enrich the discussion on changing the tide on the current educational gaps that exists among the Latino population, specifically in the STEM fields. Throughout the summit, participants will engage as interdisciplinary teams in critical dialogue and analysis of STEM pedagogies and policies that impact Latino students' success.

These thought-provoking discussions will culminate with the development and publication of a policy brief with specific recommendations/strategies to transform STEM teacher preparation and impact the success of Latino students. The policy brief will be widely disseminated to policy makers, presidents and deans of education in colleges and universities, and school districts' superintendents.

This two-day summit will be held at the Westin La Cantera in San Antonio, TX on May 13 from 8:00 am to 4:00 pm and May 14 from 8:00 am to 12:00 pm. For additional information, please contact Dr. Elvia Niebla at [elvia.niebla@utsa.edu](mailto:elvia.niebla@utsa.edu) or Lorena Claeys at [lorena.claeys@utsa.edu](mailto:lorena.claeys@utsa.edu)

The major goal for the Academy for Teacher Excellence is the recruitment, preparation, and retention of Latino, other minority, and other low-income college students into the critical teaching shortage areas of bilingual, mathematics, science, and special education.

ATE approaches the preparation of teachers from a holistic perspective and support teacher candidates with a five component comprehensive teacher preparation model that includes:

1. student academic support
2. faculty and curriculum development
3. school partnerships
4. research and dissemination of information, strategies, and techniques
5. counseling (personal) and induction support

