



**Curriculum Vitae
July 3, 2012**

Instructor: Mario Eraso, Ph.D.

Academic Department: Curriculum & Instruction, EdS 214

University Address: P.O. Box 3011, Commerce, TX 75429-3011

Office Phone: 903.886.5757

Office Fax: 903.886.5581

University Email Address: mario.eraso@tamuc.edu

Faculty Web Page Address: <http://faculty.tamu-commerce.edu/meraso/>

EDUCATION

Doctor of Philosophy in Curriculum and Instruction

Florida International University, 2007

Miami, FL

Master of Science in Mathematics Education

Florida International University, 2003

Miami, FL

Master of Science in Civil Engineering

Lehigh University, 1995

Bethlehem, PA

Bachelor of Science in Civil Engineering

Lehigh University, 1988

Bethlehem, PA

TEACHING EXPERIENCE

Mathematics Education Assistant Professor, Texas A&M University-Commerce

Fall 2010-Present

Field-Based Secondary Education Seminar (Fall, Spring)

Mathematics Curriculum Grades 1-8 (Fall, Spring, Summer)

Secondary Mathematics and Science Project-Based Learning (Fall)

Secondary Mathematics and Science Classroom Interactions (Spring)

Learning and Teaching Mathematics with Technology Grades 4-12 (Summer)

Field-Based Middle Education Seminar (Fall)

Mathematics Education Adjunct Professor, Florida International University

Summer 2010

Culturally Responsive Secondary Mathematics Education

Spring 2010

Elementary Mathematics Content and Methods

Secondary Mathematics School Teacher

August 2002 – June 2005

Partnership for Academic Communities in Math, Science, and Technology
Miami, FL

Pre-Algebra, Geometry, and Calculus

January 1989 – December 1990,

Colegio Panamericano
Bucaramanga, Colombia
Algebra and Calculus

PUBLICATIONS

Eraso, M. (In press). *Adolescents' learning of addition and subtraction of integers using the Algebra Project's curricular process*. In J. Leonard & D. B. Martin (Eds.), *The brilliance of Black children in mathematics: Beyond the numbers and toward new discourse*, (pp. xx-yy). Charlotte, NC: Information Age Publishers.

Manuscript ID SSM-SE-06-2011-002 entitled "The Effects of a Science-Based Curriculum on the Outcomes of PreK Students," submitted to the journal *School Science and Mathematics*, was accepted in October 2011 with minor revisions. Re-submitted minor revisions on March 26, 2012 and currently waiting for approval. Co-Authors: J. Sennette, D. McCrary, D. Brown, M. Eraso.

Article submitted in July 2011 to *Journal of Multiculturalism in Education*, and co-authored by J. Sennette, D. McCrary, D. Brown, and M. Eraso. Multicultural children's literature: Linking African American children's literature, culturally responsive teaching and constructivist strategies in an urban setting.

Eraso, M. (2008). *Fractions, Discovery and Invention: A Historical Encyclopedia of Science, Technology, and Society*, online illustrated reference by M. E. Sharpe Publishing.

Eraso, M. (2006). Center eminent scholar at "Raising the floor" math conference, *Urban Focus*, 4(2), Center for Urban Education and Innovation at Florida International University.

Eraso, M. (2005). Two voices from the training, *Urban Focus*, 3(3), Center for Urban Education and Innovation at Florida International University.

Park, D.Y., O' Brien, G., Eraso, M., and McClintock, E. (2002). A scooter inquiry: An integrated science, mathematics, and technology activity, *Science Activities: Classroom Projects and Curriculum Ideas*, 39(3), 27-32.

RESEARCH GRANTS AND AWARDS

Leaders Engaged in Advancing (STEM) Disciplines (LEAD)

National Science Foundation

Pending Application on January 6, 2012 as Co-Principal Investigator
\$365,776

TAMU-C collaborators: Dr. Frank Hall and Dr. Maria Hinojosa

Proportional Reasoning Summer Program for Middle School Teachers

Texas Higher Education Coordinating Board: Teacher Quality Grants Program
Co-Principal Investigator

Proposal for \$247,883
Notification of Grant Award: \$98,000
TAMU-C collaborator: Dr. Eileen Faulkenberry

Research Experiences for Teachers in STEM Subject Areas

National Science Foundation
Pending Application on October 6, 2011 as Senior Personnel
\$448,143
TAMU-C collaborators: Dr. Sang C. Suh and Dr. Frank Hall

Maestros y Directores: Preparing Teachers & Administrators to Better Serve English Learners in Bilingual, ESL & STEM Classrooms

U.S. Department of Education Office of English Language Acquisition Grants
Co-Principal Investigator
Notification of Grant Award: \$1,595,550
TAMU-C collaborators: Dr. Chris Green and Dr. Maria Hinojosa