

**Tuskegee University and TEAM-Math 2009 Conference
on the Mathematical Preparation of Teachers**

Friday, September 11, 2009

**3:00 PM – 3:30 PM Registration and Reception
Kellogg Conference Center
Registration Desk and Atrium**

3:30 PM – 3:45 PM Kellogg Conference Center Ballroom B-C

**3:30 Opening and Welcome Mohammed Qazi,
Tuskegee University**

**3:35 TEAM-Math Mission Statement
W. Gary Martin,
TEAM-Math
Project Director
Marilyn Strutchens,
TEAM-Math
Project Co-Director**

**3:55 PM – 5:10 PM Concurrent Exemplary Teaching Practices
(Refer to handout in folder for abstracts)**

**- *Graphing Calculators in the Elementary Classroom* Ballroom A
Facilitators: Kristy Mann & Pamela Norris**

**- *Do You Feel Lucky Today?* Meeting Room D-E
Facilitators: Gayle Holladay,
Anna Wright & Ann Stuedeman**

**- *The Stately Neighbors* Meeting Room C
Facilitators: Jehanara Ali & Ellen Tolbert**

5:20 PM – 6:20 PM Keynote Address Ballroom B-C

5:20 Introduction of Speaker Marilyn Strutchens

5:25 Speaker William F. Tate IV

6:20 Recognitions Herman Windham

6:20 PM – 7:00 PM Dinner Ballroom B-C

7:00 PM – 8:00 PM Keynote Address Ballroom B-C

7:00 Introduction of Speaker Gary Martin

7:05 Speaker Francis (Skip) Fennell

8:00 Recognitions and Closing Mohammed Qazi

Saturday, September 12, 2009

8:00 AM – 9:30 AM Breakfast and Keynote Address Ballroom B-C

8:00 Food Service

8:25 Introduction of Speaker Mohammed Qazi

8:30 Speaker Dorothy Y. White

9:25 Recognitions Herman Windham

**9:40 AM – 10:10 AM Mini-Presentations I
(Refer to handout in folder for complete titles and abstracts)**

**- *Helping Teachers Integrate Inquiry and Technology* Ballroom A
Speaker: S. Raj Chaudhury**

**- *Experiences as Fellows in a Teacher Leader Academy* Meeting Room D-E
Speakers: Catie Culleton & Debra Davis**

**- *Implementation of Inquiry-Based Pedagogy* Meeting Room F-G
Speaker: John Mayer**

10:20 AM – 10:50 AM Mini-Presentations II

**- *The Nature of Student Prediction Responses* Ballroom A
Speaker: Lisa Kasmer**

**- *Macon County Summer Academy of Math* Meeting Room D-E
Speakers: Kamilya Green, Mohammed Qazi & Bertha Walker**

**- *A Secondary Teacher's Perspective: Advanced Mathematical Connections* Meeting Room F-G
Speaker: Nancee Garcia**

11:00 AM – 12:15 PM Round Table Discussions (Refer to handout in folder for details about each session)

**- *Preparing Teachers for the New Generation of PreK-12 Students: Letting Go of the Standard Introductory Statistics Course* Ballroom A
Facilitator: Christine Franklin**

**- *Standards for K-12 Mathematics: Where Are We Headed?* Meeting Room D-E
Facilitator: W. Gary Martin**

**- *What Do We Know about "Good Mathematics Teaching" for All Students?* Meeting Room F-G
Facilitator: Marilyn E. Strutchens**

12:20 PM – 2:00 PM Luncheon Ballroom B-C

12:20 Food Service

1:00 TEAM-Math: Looking Back & Looking Ahead W. Gary Martin & Marilyn Strutchens

1:45 Conference Evaluation and Closing Mohammed Qazi



Transforming East Alabama Mathematics SIXTH ANNUAL CONFERENCE PROGRAM

Transforming East Alabama Mathematics Conference

Titles and Descriptions of Addresses

Plenary Address, Friday September 11, 2009 –

An Interdisciplinary Perspective on the Study of METS Attainment

– Dr. William F. Tate IV

The goals of this paper are threefold. The first goal is to offer a working description of interdisciplinary research. The second goal is to argue that research is often advanced where scholars across disciplines or traditions read, advise, engage, and critique one another's scholarship. The intent is to describe how a social problem is more fully articulated and addressed using the tools, theories, and methods of multiple disciplines operating in an interactive and iterative fashion. The third goal is to suggest the need for an organizational framework to engage in interdisciplinary scholarship on pressing social problems. The specific social problem solving activity to be addressed is the advancement of mathematics, science, engineering, and technology (METS) attainment in metropolitan America.

Plenary Address, Friday September 11, 2009 –

Issues and Challenges in Mathematics Teaching and Learning

– Dr. Francis (Skip) Fennell

The session will discuss topics of interest ranging from the common curriculum initiative to teacher education and a variety of other issues which impact teachers of mathematics.

Plenary Address, Saturday September 12, 2009 –

Engaging K-12 Teachers in the Mathematics Education Research Community

– Dr. Dorothy Y. White

The work of mathematics education researchers involves the domains of reading, asking questions, gathering evidence, analyzing information, and making claims (Boaler, Ball, & Even, 2003). This presentation discusses the challenges and benefits of engaging teachers in the mathematics education research community. Using the domains of practice for research in mathematics education as a framework, I discuss the various roles researchers and teachers assume during the research process, my work encouraging and engaging teachers to participate in the research process, and what I am continuing to learn from this work. I will pay particular attention to ways of establishing and maintaining university partnerships with teachers, administrators, and district personnel.

TUSKEGEE UNIVERSITY
Kellogg Conference Center
September 11-12, 2009

CONFERENCE THEME:

**The Mathematical Preparation of Teachers – Educators and
Mathematicians Working More Closely Together**



TEAM-Math is a partnership of Auburn University, Tuskegee University, fourteen school districts (Alexander City, Auburn City, Barbour County, Bullock County, Chambers County, Elmore County, Lanett City, Lee County, Macon County, Opelika City, Phenix City, Russell County, Tallapoosa County, and Tallasse City), and business partners working towards the common goal of improving mathematics education in East Alabama