

**QUALITY EDUCATION FOR MINORITIES (QEM) NETWORK
WORKSHOP FOR STEM FACULTY AT GRANTEE INSTITUTIONS IN THE
NATIONAL SCIENCE FOUNDATION (NSF)'S
TRIBAL COLLEGES AND UNIVERSITIES PROGRAM (TCUP)
The Sofitel Minneapolis • Bloomington, MN • 952-835-1900
Friday, November 18 – Saturday, November 19, 2005**

Agenda Outline

FRIDAY, NOVEMBER 18

AM

- 8:00 *Registration and Continental Breakfast*
- 8:30 *Opening Session*
Welcome, Introductions, and Review of Purpose and Agenda
- 8:45 *Plenary Session I: "Real World" Examples of the Overlap of Mathematics and Biology*
- 9:15 *Institutional Team Reflection Time on the Implications of Plenary Session I for the Content of
Introductory-Level Courses in Biology and in Mathematics*
- 9:45 *Plenary Session II: Discussion of Core Concepts in General Biology*
Review of Core Concepts in Introductory Mathematics
- 10:15 *Coffee Break*
- 10:30 *Breakout Session I: Aligning Core Concepts of General Biology and Mathematics*
Note: Institutional Teams will be assigned to specific breakout sessions
- 11:30 *Brief Reports from Session I*

NOON/PM

- 12:00 *Working Lunch*
*Panel and Group Discussion: Culturally Relevant Materials for use in Introductory-Level
Courses in Biology and in Mathematics*
- 2:00 *Breakout Sessions II: Integrating Culturally Relevant Materials into Introductory-Level
Courses in Biology and in Mathematics*
- 3:00 *Brief Reports from Breakout Session II*
- 3:30 *Panel Discussion: TCUP Grantees' Activities in Mathematics and Biology*
- 4:15 *Plenary Session III: Strategies to Enhance Student Learning and Increase Student Retention*
 - *On- and Off-Campus Undergraduate Research Opportunities*
 - *Peer Tutoring*
 - *Student Chapters of Scientific Organizations*
- 5:15 *Breakout Session III: Incorporating Enhancement and Retention Strategies into
Participating Institutions' STEM Courses and Programs*
- 6:00 *Dinner and Brief Reports on Breakout Session III*

