



TEXAS SOUTHERN UNIVERSITY

TSU FS Mentoring Initiative

Robert L Ford, Ph.D.

Committee Chair

“Student and Faculty Development”

August 19, 2008

TSU General Faculty Assembly Meeting

OVERVIEW

- **FS Charge to the Committee**
- **Committee Membership**
- **Committee Initial Work**
- **Going Forward**

Committee Charge

- **review mentoring efforts at TSU**
- **make an assessment and judgment about what is being done**
- **collect reported effectiveness**

Committee Charge

- **review and assess diverse samples of models**
- **recommend a model to the FS**
- **include measures to determine outcome**

Mentoring Committee Membership

Last Name	First Name	Area	Type
Estes	Flora	Pharmacy	Faculty
Ford	Robert	Chemistry	Faculty
Gamble	Vonya	SOC	Staff
<i>Gibson</i>	<i>Jerrell</i>	<i>Chemistry</i>	<i>Volunteer</i>
Glass	Charles	Airway Science	Faculty
Handy	Marybel	COST	Staff
Hollomon	Mario	Biology	Faculty
<i>Lewis</i>	<i>Desmond</i>	<i>GUAC</i>	Staff
Ngu	Nehri	COPHS	Student
Thomas	Esther	SOB	Faculty

Initial Work

- **Recruited committee members**
- **Collected data on Mentoring Programs**
 - **GUAC (TSU)**
 - **Timbuktu Academy (Southern University)**
 - **Mentoring the 100 Way (100 Black Men)**
 - **Academic Improvement through Mentoring (AIM)**

Initial Work

- **Held three meetings**
- **Presented report to FS on Mar 6, 2008**
- **Worked on Faculty Perception Survey**
- **Collaborated with TSU HBCU UP**

Going Forward

- **QEM Student Professional Development**
- **Explore Faculty Mentoring**
- **Invite Bagayoko to lead workshop**
- **Initiate workshop series**
- **Survey Faculty**



TEXAS SOUTHERN UNIVERSITY

HBCU Student Professional Development Activity

presented by

Robert L Ford, Ph.D.

Della Bell, Ph.D.

“Participant-led Campus-based Activity”

August 19, 2008

TSU General Faculty Assembly Meeting

Overview

- **Background**
- **QEM Workshop**
- **TSU Dissemination Plan**
- **Going Forward**

Background

- **NSF HBCU UP**
- **Quality Education for Minorities**
- **Student Professional Development**
- **TSU HBCU Project**

NSF STEM Initiatives

Education & Human Resources (EHR)

- Graduate Education (DGE)
- Research on Learning in Formal and Informal Settings (DRL)
- Undergraduate Education (DUE)
- **Human Resource Development (HRD)**

Human Resource Development (HRD)

- **Focal point for NSF's agency-wide commitment to (STEM) education and research**
- **Broadening participation by underrepresented groups and institutions**
- **MSIs, women and girls, and persons with disabilities**
- **To generate a diverse, competitive, and globally engaged U. S. technical workforce and well-prepared citizens**
- **Strong focus on partnerships and collaborations**

Human Resource Development (HRD)

- **Alliances for Graduate Education and the Professoriate (AGEP) Program**
- **Centers of Research Excellence in Science and Technology (CREST)**
- **Research on Gender in Science and Engineering (GSE)**
- **The Louis Stokes Alliances for Minority Participation (LSAMP) Program**
- **Historically Black College and University Undergraduate Initiative (HBCU-UP) Program**

HBCU-UP

- **Enhance the quality of HBCU STEM instructional and outreach programs**
- **comprehensive institutional approaches to strengthen STEM teaching and learning**
- **improve access to, retention within and graduation from STEM programs.**
- **Significant and sustainable improvements in STEM program offerings.**

HBCU-UP

- **Typical project implementation strategies**
 - **curriculum enhancement**
 - **faculty professional development**
 - **undergraduate research**
 - **academic enrichment**
 - **infusion of technology to enhance SMET instruction**
 - **collaborations with research institutions and industry**
 - **other activities that meet institutional needs**

TSU HBCU-UP

- ***Science and Technology Enhancement Program (STEP)***
- **TSU Project Leadership**
 - Bobby Wilson, *Chemistry*
 - Victor Obot, *Math/Physics*
 - Renard Thomas, *Health Science*

TSU HBCU-UP

- **Focus on:**
 - student **recruitment** and **retention** for **academic success**
 - **faculty development** in teaching and scholarly achievements
 - **curricular reform** and **enrichment** through the use of the **Internet technology**

Student Professional Development

- **Relatively new NSF Focus**
- **QEM Contracted to Lead**
- **Workshop Activity**
- **Campus-based Activity**



TEXAS SOUTHERN UNIVERSITY

QEM Network Student Professional Development Workshop for STEM Faculty

- HBCU-UP Faculty Development**
- New Orleans, LA**
- June 6-7, 2008**
- Bell & Ford represented TSU**
- TSU Campus Rollout Plan**

Sharing

- Present at Fall Faculty Meeting
- Present at Fall COST Meeting
- Share with Chem/Math
- Present to TSU Deans Council
- Connect with FS Mentoring Initiative
- Invite Professor Bagayoko to TSU

Strategies

- **Gain concurrence from Provost and COST Dean to present at their meetings**
- **Disseminate information via TSU web site with link to QEM web site**
- **Videotape presentations for distribution**

Strategies

- **Host Student Summer Research Symposium**
- **Request FS to advance Student Professional Development as a metric for Tenure & Promotion**
- **Engage campus Career Services Office**

Expected Outcomes

- **Faculty members will demonstrate increased student professional development efforts, while students demonstrate expanded professional attributes.**
- **Faculty members will share and utilize information gained to support the professional development of students.**

Workshop Outputs

- **See Agenda and Presentations at**
 - <http://www.qem.org/HBCU-UPStudentProfDevFinalAgenda.htm>
 - www.qem.org
- **TSU Campus Rollout Plan**



TEXAS SOUTHERN UNIVERSITY

Contact

Robert L Ford, Ph.D.

**Professor & Interim
Chair of Chemistry**

TSU

7593

fordrl@tsu.edu

Della Bell, Ph.D.

**Professor & Interim
Chair of Mathematics**

TSU

7839

bell_dd@tsu.edu