

Texas Higher Education Coordinating Board
Engineering Recruitment Programs – 2008
2008 Summer Camps

Background

The 80th Texas Legislature enacted House Bill 2978, Engineering Recruitment Program, to increase recruitment and retention of students in higher education engineering programs through summer camps on academic campuses and scholarships. The legislature appropriated \$1 million for each year of the 2008-09 biennium.

Project Selection Process

STEP 1: After consultation with the bill author's office, the Coordinating Board (CB) allocated \$200,000 of the annual state appropriation for the summer camps portion of the program.

STEP 2: The Technology Workforce Development Grant Program Advisory Committee advised CB staff on drafting the Program Announcement and recommended that the budget for each one-week camp should be capped at not less than \$20,000.

STEP 3: The CB issued the program announcement on October 26, 2007 by web posting and sent email notifications to all eligible institutions.

STEP 4: By the December 12, 2007 submission deadline, the CB received 16 proposals from 16 institutions, with a total request of \$317,441.

STEP 5: One review panel of three workforce experts from academia, state, and industry discussed the proposals during one teleconference meeting in early January 2008 using the CB developed web tool for proposal review. The panel ranked all proposals in the Fund Category I and recommended budget changes.

STEP 6: Staff assigned funding to all proposals in rank order until the funding allocation was reached

STEP 7: On January 25, 2008, the Commissioner of Higher Education announced the awards.

2008 ERP Review Panel Members

Dr. Sandra K. Johnson is *Senior Technical Staff Member & Assurance Architect* of the Systems and Technology Group at IBM, Research Triangle Park, North Carolina. She is an IEEE (Institute of Electrical and Electronics Engineers) Fellow and Association for Computing Machinery Distinguished Engineer. She holds 15 patents and authored over 80 technical publications. Dr. Johnson has a Ph.D. in electrical engineering from Rice University.

Mr. Stephen Rippon is *Assistant Dean of Student Services* in the Ira A. Fulton School of Engineering, Arizona State University, Tempe, Arizona. His previous positions were Assistant Dean for Recruitment Operations and Executive Director for Academic Success and Engagement Programs. His specialties, among others, are P-12 outreach, student recruitment, summer programs, engineering minority support programs, and scholarship and internship placement. Mr. Rippon has a Masters Degree in English literature from Arizona State University.

Mr. Joseph A. Yacono is *Program Specialist* with Workforce Business Services at the Texas Workforce Commission, Austin, Texas. He has over twenty-five years of experience managing human services and workforce development initiatives associated with the state, city, county, and federal governments. His recent duties include project development supporting the Texas Workforce Commission Office of Employer Initiatives. He is responsible for developing customer relationships among Texas businesses, universities and colleges, and the state's public workforce delivery system. Mr. Yacono has a Masters Degree in public administration and government from The University of Texas.

Engineering Recruitment Program Summer Camps 2008

Rank Order List

Fund Category I

- | | |
|---|---------------------|
| 1. Lamar University | \$20,000 |
| <i>gO Women for Engineering, Science, and Technology Academy (gO W.E.S.T. Academy)</i> | |
| 2. The University of Texas at Austin | \$20,000 |
| <i>"Introduction to Engineering" Summer Camps -- The University of Texas at Austin</i> | |
| 3. South Texas College | \$19,041 |
| <i>STC Pre Engineering Summer Camp</i> | |
| 4. The University of Texas-Pan American | \$20,000 |
| <i>PREP Plus+</i> | |
| 5. Texas Tech University | \$19,230 |
| <i>Engineering Camps for Shake Hands with Your Future Program</i> | |
| 6. Prairie View A&M University | \$19,000 |
| <i>Increasing Engineering Students Using Summer Program Approach</i> | |
| 7. Texas A&M-Kingsville | \$20,000 |
| <i>Young Engineers of South Texas (YESTexas) - 2008 Javelina Engineers Summer Camp</i> | |
| 8. University of Houston | \$20,000 |
| <i>Mentoring and Enrichment Seminar in Engineering Training: a Residential Summer Camp for Rising High School Seniors</i> | |
| 9. The University of Texas at Brownsville and Texas Southmost College | \$19,331 |
| <i>E.T. at UTB/TSC "Engineering Teens" Summer Camp 2008</i> | |
| 10. The University of Texas at Tyler | \$20,000 |
| <i>RISE - East Texas Research Involving Student Engineers Project</i> | |
| 11. The University of Texas at Arlington | \$3,398 of \$19,954 |
| <i>Girlgeneering: Girls Only Summer Engineering Camp</i> | |
| (The project award of \$3,398 represents partial funding for a one-week proposed camp budget of \$19,954. If and when additional Engineering Recruitment Program funds become un-allocated in March 2008, the Coordinating Board will increase the funding level up to the full proposed budget.) | |

Total award sum: \$200,000