**Financial Report**

### Program Cost Summary

- **Travel (Staff)**: $11,765
- **Other**: $73,596
- **Classroom & Laboratory Facilities**: $139,716
- **Maintenance & Operation**: $233,996
- **Fringe Benefits**: $319,035
- **Participant Support**: $414,814
- **Personnel**: $2,346,307

**Total Budget (Estimate):** $3,539,229

### Program Support

- **Financial Contributions**: $2,523,293
- **In-Kind Contributions**: $1,015,936

**2016 TexPREP Annual Report**

**Awards**

TexPREP has received numerous state and national awards and citations as an exemplar STEM program. They include:

- Citation, Bright Spots in Hispanic Education, White House Initiative on Educational Excellence for Hispanics (2015)
- American Society of Mechanical Engineers (ASME), recognition as one of the Premier Pre-College Programs helping teachers and engineers to strengthen the STEM skills of young people (San Antonio PREP, 2005)
- Citation, What It Takes: PreK-12 Design Principles to Broaden Participation in Science, Technology, Engineering and Mathematics for the Building Engineering and Science Talent (BEST) Project, a Congressional blue ribbon panel on best practices in PreK-12 education to increase the participation of girls, members of underrepresented minority groups, and students with disabilities in the fields of science, engineering, and technology (2004)
- Texas Higher Education Star Award (2002)
- Citation, Texas Governor’s Special Commission on 21st Century Colleges and Universities; Higher Education in the 21st Century – Moving Every Texan Forward (2001)
- Quality Education for Minorities Network, Exemplary MSE Education Partnership Award (2001)
- Citation, 1999 U.S. Department of Education White House Initiative on Educational Excellence for Hispanic Americans publication What Works for Latino Youth (1999)
- Presidential Award for Excellence in Science, Mathematics, and Engineering Mentoring (San Antonio PREP, 1997)

For additional information:

TexPREP Central Office
The University of Texas at San Antonio-Downtown Campus
501 W. César E. Chávez Boulevard
San Antonio, Texas 78207-4415
210.458.2060 · 210.458.2061-fax
E-mail: contact@prep-usa.org
Visit the website at: www.prep-usa.org

UT - Arlington
DCCCD Brookhaven College
DCCCD Eastfield College
DCCCD Cedar Valley College
DCCCD Mountain View College
DCCCD North Lake College
DCCCD Richland College
University of North Texas at Dallas
UT - Dallas
TCCCD Northwest Campus
TCCCD South Campus
Texas Wesleyan University
Texas Tech University
The University of Texas at Austin
Huston-Tillotson University
University of Houston-Downtown
The University of Texas at San Antonio

Northeast Lakeview College
Northwest Vista College
Palo Alto College
St. Philip’s College
Our Lady of the Lake University
San Antonio College
Texas A&M International University
St. Mary’s University
Victoria College
Del Mar College
Texas State Technical College
STC - Pecan Campus
STC - Mid-Valley Campus
STC - Starr County Campus
UT - Rio Grande Valley

The University of Texas at San Antonio™
Program Overview

Mission: The mission of TexPREP is to provide a challenging academic program designed to motivate and prepare middle and high school students for success in advanced studies leading to careers in STEM. TexPREP is a national program with an emphasis on increasing the number of women and minorities in STEM fields.

Vision: The vision of TexPREP is to be the K-12 extended education program of choice for successfully preparing students for careers in STEM fields through innovative educational and technology-enabled approaches that empower students to become lifelong learners, problem solvers and decision makers.

Goals: The goals of the program are to increase the number of competent and prepared students from Texas who will ultimately pursue STEM postsecondary studies and careers by

- acquainting these students with professional opportunities in STEM;
- reinforcing the academic preparation of these students at the secondary school level; and
- creating an environment in which talented students are encouraged to learn, explore, achieve, and discover.

History: The San Antonio Freshman Engineering Program (PREP) was founded in 1979 by mathematics professor, Dr. Manuel P. Benzenzado, at The University of Texas at San Antonio. Replication of San Antonio PREP began in 1986 with sites throughout the state of Texas (TexPREP). In 1997, with a grant award from NASA, PREP continued its replication to Hispanic-Serving Institutions nationwide (PREP-USA). Since 1993, the Texas Education Agency has authorized participating school districts to award one unit of Career and Technical Education (CTE) Innovative Course elective credit towards high school graduation for the successful completion of each summer of TexPREP.

Academic Program: The TexPREP program is a mathematics-based, seven weeks long program that is offered to students in grades seven through eleven, over the course of four years during the summer months. Not only does the PREP offer program students a challenging and rewarding experience that keeps them academically engaged, but it also offers many students a structured and safe place to be during out of school time. The curriculum for the program is below, by year, and with optional tracks provided to students in their fourth year.

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
<th>All Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Logic and its Applications</td>
<td>Introduction to Technical Writing</td>
<td>Introduction to Algebraic Structures</td>
<td>Computer Science</td>
<td>Topics in Problem Solving</td>
</tr>
<tr>
<td>to Mathematics</td>
<td>Introduction to Technical Writing</td>
<td>Introduction to Introduction to Computer</td>
<td>Advanced Science/</td>
<td>Research and Study</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Introduction to Probability and Statistics</td>
<td>Engineering Options such as: Water</td>
<td>Study</td>
</tr>
<tr>
<td>Introduction to Engineering</td>
<td></td>
<td>Water Science</td>
<td>Science Technology</td>
<td>Career Awareness Seminars</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nanotechnology</td>
<td>Computer Assisted Design</td>
<td>Field Trips</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Computer</td>
<td>Cyber Security</td>
<td></td>
</tr>
</tbody>
</table>

Support from both the private and public sector are instrumental to the successful implementation of TexPREP. The following supporters provide funding for multiple TexPREP sites across Texas.

- Department of Defense
- Sid W. Richardson Foundation
- State of Texas
- Texas Instruments
- TxDOT
- W.P. and Buhle Foundation

There are numerous additional funders that supported TexPREP sites regionally; these sponsors/benefactors are recognized in site-specific annual reports.
Program Overview

Mission: The mission of TexPREP is to provide a challenging academic program designed to motivate and prepare middle and high school students for postsecondary studies leading to careers in STEM. TexPREP is a national program with an emphasis on increasing the number of women and minorities in STEM fields.

Goals: The goals of the program are to increase the number of competently prepared students from Texas who will ultimately pursue STEM postsecondary studies and careers by:

- increasing the number of students with professional opportunities in STEM;
- expanding the academic preparation of these students at the secondary school level; and
- creating an environment in which talented students are encouraged to learn, explore, achieve, and discover.

History: The San Antonio Preparatory Engineering Program (PREP) was founded in 1979 by mathematics professor, Dr. Manuel P. Behravesh, at The University of Texas at San Antonio. Replication of San Antonio PREP began in 1986 with sites throughout the state of Texas (TexPREP). In 1997, with a grant award from NASA, PREP continued its replication to Hispanic-Serving Institutions nationwide (PREP-USA). Since 1993, the Texas Education Agency has authorized participating school districts to award one unit of Career and Technical Education (CTE) Innovative Course elective credit towards high school graduation for the successful completion of each summer of TexPREP.

Academic Program: The TexPREP program is a mathematics-based, seven weeks long program that is offered to students in grades seven through eleven, over the course of four years during the summer months. Not only does the PREP program offer students a challenging and rewarding experience that keeps them academically engaged, but it also offers many students a structured and safe place to be during out of school time. The curriculum for the program is by level, and with optional tracks provided to students in their fourth year.

UPREP: University PREP (PREP Year 5) is a STEM focused program that enhances the TexPREP curriculum and values to further expose and prepare former TexPREP students to higher education. High school students who complete all least PREP I and III are sophomores, are given the opportunity to take college courses, for credit, and participate in development workshops, volunteer opportunities, internships, and university research projects.

UTRGV 68 24 12 16
UTSA 12 68 16 19
UNT Dallas 16 19 139 TOTAL

State-wide TexPREP Partners & Investors

Support from both the private and public sector are instrumental to the successful implementation of TexPREP. The following supporters provide funding for multiple TexPREP sites across Texas:

- Department of Defense
- Sid W. Richardson Foundation
- State of Texas
- Texas Instruments
- TxDOT
- W.P. and Lytle Bush Foundation

There are numerous additional funders that supported these sites regionally; these sponsors/benefactors are recognized in site-specific annual reports.
Financial Report

Program Cost Summary

- Travel (Staff) $11,765
- Other $73,596
- Classroom & Laboratory Facilities $139,716
- Maintenance & Operation $233,996
- Fringe Benefits $319,035
- Participant Support $414,814
- Personnel $2,346,307

Total Budget (Estimate): $3,539,229

Program Support

- Financial Contributions $2,523,293
- In-Kind Contributions $1,015,936

28.7% 71.3%

Awards

TexPREP has received numerous state and national awards and citations as an exemplary STEM program. They include:

- Citation, Bright Spots in Hispanic Education, White House Initiative on Educational Excellence for Hispanics (2015)
- American Society of Mechanical Engineers (ASME), recognition as one of the Premier Pre-College Programs helping teachers and engineers to strengthen the STEM skills of young people (San Antonio PREP, 2005)
- Citation, What It Takes, PreK-12 Design Principles to Broaden Participation in Science, Technology, Engineering and Mathematics for the Building Engineering and Science Talent (BEST) Project, a Congressional blue ribbon panel on best practices in PreK-12 education to increase the participation of girls, members of underrepresented minority groups, and students with disabilities in the fields of science, engineering, and technology (2004)
- Texas Higher Education Star Award (2002)
- Citation, Texas Governor’s Special Commission on 21st Century Colleges and Universities; Higher Education in the 21st Century – Moving Every Texan Forward (2001)
- Quality Education for Minorities Network, Exemplary MSE Education Partnership Award (2001)
- Citation, 1999 U.S. Department of Education White House Initiative on Educational Excellence for Hispanic Americans publication What Works for Latino Youth (1999)
- Presidential Award for Excellence in Science, Mathematics, and Engineering Mentoring (San Antonio PREP, 1997)

For additional information:

TexPREP Central Office
The University of Texas at San Antonio-Downtown Campus
501 W. César E. Chávez Boulevard
San Antonio, Texas 78207-4415
210.458.2060 - 210.458.2061-fax
E-mail: contact@prep-usa.org
Visit the website at: www.prep-usa.org