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**Highlights of 2014:**
TAME's new website launched!
The past year has been filled with exciting and fun times for everyone involved with TAME. We have completed our initial year under a new organizational structure. Our Regional Representatives and the new K-12 Special Interest Group have helped us to improve the support structure for the teachers and volunteers that organize TAME clubs throughout the State of Texas. The programs that the state office organizes have really grown and improved this year. With two Trailblazers on the road bringing demonstrations of STEM, more TAME students than ever are having an “Aha” moment of understanding what engineers and scientists do. Our statewide Math and Science Competition was again a tremendous event that allowed our TAME students to compete and show how smart they are. This past year there was also a large focus on raising the bar on the Divisional Math and Science Competitions held throughout the state to qualify for the statewide event. In addition to seeing a lot of TAME students at competitions and events this year, I also got to meet a few of our TAME scholarship students that are now pursuing STEM degrees in college. Meeting them and hearing about their experiences in TAME was a huge confirmation that what we are doing is really making a difference in these students’ lives. Thanks to strong support from TAME board members, ConocoPhillips, Alcoa, Pratt & Whitney and university partners like Texas Tech, Texas A&M and The University of Texas at Austin, 21 TAME students are receiving financial assistance to pursue STEM careers.

Our Advisory Board members, Board members, volunteers, staff and corporate and private donors have helped us provide programming for well over 20,000 Texas youngsters. I thank them for helping to develop the next generation of STEM talent for our state and nation, and challenge you to join us as we continue our mission!

Andy Deck  
Chair, TAME Board of Directors

Thanks to a generous grant from IBM, TAME has a wonderful new website! The new site is the go-to place for TAME-related information and inspiration, and there’s something for everyone: classroom resources for teachers; TAME club, competition and scholarship information for students; volunteer opportunities; alumni stories; and much more. Explore at TAME.org.
our MISSION: Enabling Texas students to pursue careers in Science, Technology, Engineering and Math (STEM) by:

- Creating partnerships among educators, industry, government and families to inform, educate and motivate students
- Implementing classroom and extra-curricular programs and activities
- Focusing on populations that remain underrepresented in fields of STEM
- Promoting diversity in STEM careers

our VISION: Every K-12 student has the educational experiences necessary to pursue a career in the fields of Science, Technology, Engineering, and Math.

TAME programs are inclusive but are geared towards engaging underrepresented minority students, especially those that are the first in their family to consider higher education and STEM careers.
The School-to-STEM Pipeline

**Comic Books - K-5th grade:**
Available in English and Spanish, the Science Squad Comic Books get younger children excited about science through the adventures of five ethnically diverse TAME students who use their abilities in math and science to defeat the villain du jour.

**Trailblazers - 3rd – 8th grade:**
The TAME Trailblazers, unique interactive museums-on-wheels, travel to schools and communities across Texas to bring science to students.

**TAME Clubs - K –12th grade:**
TAME clubs provide a supportive but challenging place to build math, science, and problem-solving skills and to connect to a network of peers, mentors, and future employers.

**Math & Science Competitions - 6th –12th grade:**
High-performing TAME club students come together to compete and celebrate achievement in math and science.

**Scholarships - 12th grade:**
TAME provides assistance with scholarships for students pursuing STEM and connect scholars to a network of peers and mentors for ongoing guidance and encouragement.

**Professional Development - Teachers:**
TAME works with our academic and corporate partners to connect our K-12 teachers to cutting-edge professional development opportunities, a strong network for sharing ideas and concerns, and a wealth of teaching resources.
The TAME Trailblazers are unique interactive museums-on-wheels, traveling to schools and communities across Texas to bring science to students. With curated content from NASA, NOAA, National Energy Education Discovery Project, the Trailblazers offer hands-on activities and exhibits that allow students to explore concepts in energy, space, weather, biotechnology, and aerodynamics.
**TRAILBLAZER VISITS**
- Schools: 74
- Libraries: 23
- Community Events: 32
- TOTAL EVENTS: 129

**TRAILBLAZER DATA**
- Miles Traveled: 17,657
- Classrooms: 565
- Students: 20,322
- Volunteers: 1,128

**STUDENTS: BY ETHNICITY**
- Hispanic: 9,260
- Caucasian: 5,511
- African American: 9,260
- Unreported: 1,571
- Asian: 816
- Other: 6
- Native American: 5

**STUDENTS: BY GENDER**
- Female: 9,758
- Male: 8,903
- Unreported: 1,661
TAME Chapters provide local leadership and support for STEM education. Chapters, which correspond to the regions defined by the Texas Education Agency, bring together volunteers from local schools, colleges, universities, corporations, businesses and community organizations into a leadership team. They offer locally relevant programs like career days, factory tours, and professional development for teachers.

"TAME opened my eyes to math and science fields. They helped us see that engineering and science are good fields to go into, they showed us that it’s attainable, and they showed us a way to get there."

- Rachel R., TAME Scholar and biochemistry major
A TAME Club is an enrichment program that is designed to support students interested in exploring STEM subjects with the guidance of sponsors and leaders. While all TAME programs are inclusive, TAME clubs focus on recruiting women and under-represented minority students. The clubs are typically sponsored by teachers or community partners and are usually hosted on a school campus. Clubs meet weekly and program activities are designed to increase student skills, awareness of STEM careers and access to role models.

<table>
<thead>
<tr>
<th>TEA REGION</th>
<th>CITY</th>
<th>TAME CHAPTER</th>
<th>CHAPTER CHAIR(S)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Houston</td>
<td>Gulf Coast (GC TAME)</td>
<td>Emanuel Guidry</td>
</tr>
<tr>
<td>5</td>
<td>Beaumont</td>
<td>Golden Triangle (GT TAME)</td>
<td>Annie Carter</td>
</tr>
<tr>
<td>9</td>
<td>Wichita Falls</td>
<td>Wichita Falls</td>
<td>Ed Downing</td>
</tr>
<tr>
<td>10</td>
<td>Dallas</td>
<td>Dallas</td>
<td>Maurine Amend &amp; Jacqui Long</td>
</tr>
<tr>
<td>11</td>
<td>Fort Worth</td>
<td>Fort Worth</td>
<td>Eva Trevino &amp; Steve DeLeon</td>
</tr>
<tr>
<td>13</td>
<td>Austin</td>
<td>Capital Area</td>
<td>Mary Plaisance</td>
</tr>
<tr>
<td>15</td>
<td>San Angelo</td>
<td>San Angelo</td>
<td>Janice Trees</td>
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<tr>
<td>16</td>
<td>Amarillo</td>
<td>Amarillo</td>
<td>Floyd Anthony</td>
</tr>
<tr>
<td>17</td>
<td>Lubbock</td>
<td>Lubbock</td>
<td>Dr. John Chandler</td>
</tr>
<tr>
<td>18</td>
<td>Odessa</td>
<td>West Texas</td>
<td>Jeffery Vann</td>
</tr>
<tr>
<td>20</td>
<td>San Antonio</td>
<td>San Antonio</td>
<td>Sheilda Madkins</td>
</tr>
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</table>
The annual TAME State Math & Science Competition BRINGS TOGETHER hundreds of high-performing minority and female students, grades 6-12, to challenge their science and math skills and connect with a network of peers and mentors across Texas and beyond.

At the 2014 Math & Science Competitions held across Texas, 100% OF PARTICIPATING STUDENTS -- more than 70% Hispanic or African-American and 45% female -- WERE GOING TO COLLEGE, WITH 50% OF SENIORS GOING INTO ENGINEERING AND 90% INTO STEM.
TAME Comics presents:

SCIENCE SQUAD™

A professionally produced comic series that supports TAME’s mission by showing the adventures of five ethnically diverse TAME students who use their abilities in math and science to defeat the villain du jour. Designed for children in Pre-K through 5th grade.
TAME supports careers in science, technology, engineering, and mathematics by offering scholarships to TAME club members who have been accepted into an accredited university or community college to pursue higher education in a STEM-related field.

**FRESHMAN AWARDS**

<table>
<thead>
<tr>
<th>STUDENT</th>
<th>COLLEGE</th>
<th>MAJOR</th>
<th>SPONSOR(S)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alejandro Prieto</td>
<td>Midwestern State University</td>
<td>Engineering/Architecture</td>
<td>Pratt and Whitney Alcoa</td>
</tr>
<tr>
<td>Alicia Downing</td>
<td>Midwestern State University</td>
<td>Nursing</td>
<td>Pratt and Whitney Alcoa</td>
</tr>
<tr>
<td>Barun Das</td>
<td>UT Austin</td>
<td>Petroleum Engineering</td>
<td>ConocoPhillips</td>
</tr>
<tr>
<td>Brice Edward Dudley, Jr</td>
<td>Stanford</td>
<td>Biomechanical Engineering</td>
<td>ConocoPhillips</td>
</tr>
<tr>
<td>Chelsea N Onyeador</td>
<td>Stanford</td>
<td>Bioengineering</td>
<td>ConocoPhillips</td>
</tr>
<tr>
<td>David Harawa</td>
<td>West Texas A&amp;M University</td>
<td>Accounting</td>
<td>Pratt and Whitney Alcoa</td>
</tr>
<tr>
<td>Faria Zaka Kazi</td>
<td>UT Austin</td>
<td>Biology</td>
<td>ConocoPhillips</td>
</tr>
<tr>
<td>Jennifer Han</td>
<td>University of Southern California</td>
<td>Biological Sciences</td>
<td>ConocoPhillips</td>
</tr>
<tr>
<td>Jose Alan Galindo</td>
<td>Texas A&amp;M</td>
<td>Chemistry</td>
<td>ConocoPhillips</td>
</tr>
<tr>
<td>Maryana Mbalule</td>
<td>Midwestern State University</td>
<td>Pre-med</td>
<td>McCoy Foundation Alcoa</td>
</tr>
<tr>
<td>Mitchell James Martinez</td>
<td>Texas A&amp;M</td>
<td>Mechanical Engineering</td>
<td>ConocoPhillips</td>
</tr>
<tr>
<td>Reginald O Blow, Jr</td>
<td>Texas Tech</td>
<td>Mechanical Engineering</td>
<td>Alcoa</td>
</tr>
<tr>
<td>Ruben Cerda</td>
<td>UT Arlington</td>
<td>Computer Engineering</td>
<td>Pratt and Whitney Alcoa</td>
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**EVERGREEN AWARDS**

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<th>SPONSOR(S)</th>
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<tbody>
<tr>
<td>Anisa Ruiz</td>
<td>Texas A&amp;M</td>
<td>Kinesiology</td>
<td>TAME Board</td>
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<tr>
<td>Antonio Bujanda</td>
<td>Texas Tech</td>
<td>Mechanical Engineering</td>
<td>ConocoPhillips</td>
</tr>
<tr>
<td>Janet Nieto</td>
<td>Texas Tech</td>
<td>Mechanical Engineering</td>
<td>ConocoPhillips</td>
</tr>
<tr>
<td>Jenna Weiss</td>
<td>Texas A&amp;M</td>
<td>Civil Engineering</td>
<td>TAME Board</td>
</tr>
<tr>
<td>Nancy Kha</td>
<td>UT Austin</td>
<td>Biology</td>
<td>TAME Board</td>
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<tr>
<td>Rachel Andrews</td>
<td>UT Austin</td>
<td>Mathematics</td>
<td>ConocoPhillips</td>
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<tr>
<td>Rachel Ramos</td>
<td>UT Permian Basin</td>
<td>Biology</td>
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<tr>
<td>Zoi Thompson</td>
<td>UT Austin</td>
<td>Environmental Science</td>
<td>TAME Board</td>
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**FINANCIALS 2013-14**

### REVENUE

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<tr>
<th>Description</th>
<th>Amount</th>
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<tr>
<td>Contributions</td>
<td>$407,195</td>
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<tr>
<td>Program Revenues</td>
<td>$122,976</td>
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<tr>
<td>Investment Income</td>
<td>$11,936</td>
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**TOTAL REVENUE:** $542,107

### EXPENSES

<table>
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<tr>
<th>Description</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Program Services</td>
<td>$558,748</td>
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<tr>
<td>Fundraising</td>
<td>$19,433</td>
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<tr>
<td>General Administrative</td>
<td>$29,422</td>
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</tbody>
</table>

**TOTAL EXPENSES:** $607,603

**TOTAL ASSETS:** ($65,496)
ANNIE CARTER  
Chevron Phillips (Retired)

CRES GUZMAN  
ASCE Texas Chapter

GAIL HARRISON  
Conoco Phillips

MAGDA LAGOUDAS  
Texas A&M University

BRIDGET LAUDERDALE  
Lockheed Martin

PATRICIA ROSSMAN  
BASF

OFFICERS

ANDY DECK  
Chair  • National Instruments

KATHY ZERDA  
Immediate Past Chair  • University of Houston

TAMARA CRAWFORD  
Secretary  • Lockheed Martin

TRICIA GORE  
Treasurer  • University of Texas

MEMBERS AT LARGE

MIKE ALVAREZ  • Shell Oil Company

LAURA BOSWORTH  • TeVida Biodevices

GRANT BUTKUS  • Griffis & Small LLC.

DOMINIC CORTEZ, Regional Rep.  • B&W Pantex

STEVE DELEON, Regional Rep.  • Lockheed Martin (Retd.)

DEB DORMAN  • IBM

EMANUEL GUIDRY, Regional Rep.  • SK E&P Company

AARON MAESTRAS  • Raytheon

KARL NICHOLS  • African American Youth Harvest Foundation

CYNTHIA NYVALL  • Birdville ISD

IFEANYI OKONKWOR  • BASF

KYLE RAY  • ConocoPhillips

TRAMAIN SINGLETON  • Halliburton

ADVISORY BOARD MEMBERS

ANNIE CARTER  
Chevron Phillips (Retired)

GAIL HARRISON  
Conoco Phillips

BRIDGET LAUDERDALE  
Lockheed Martin

CRES GUZMAN  
ASCE Texas Chapter

MAGDA LAGOUDAS  
Texas A&M University

PATRICIA ROSSMAN  
BASF
DONORS & PARTNERS

PLATINUM: 50K+
- ConocoPhillips
- Shell Oil Company

DIAMOND: 25 - 50K
- BASF
- Connecting Texas Libraries Statewide
- Lockheed Martin
- Toyota USA Foundation

GOLD: 15 - 25K
- 3M Foundation
- Alcoa Foundation
- Texas Regional Collaboratives
- The University of Texas at Austin

SILVER: 10 - 15K
- Boeing
- ESC Region 14
- IBM
- Motorola Foundation

BRONZE: 5 - 10K
- Abell Hanger Foundation
- Dallas Independent School District
- Emerson Process Management
- Kathy & Bob Zerda
- Marathon Oil Company
- Pratt and Whitney Canada Corp
- Valley View ISD

FRIENDS OF TAME
- Aaron Maestas
- Aledo ISD
- American Society of Civil Engineers
- Andy Deck
- Applied Materials Foundation
- Austin ISD
- Beaumont ISD
- Beccy Hambright
- Carrizo Springs ISD
- Chevron Phillips Chemical
- City of Hempstead
- City of San Antonio
- Coleman ISD
- Crespin Guzman
- Dean Akinrinsoola
- Donna Clanton
- Dow Chemical Company
- Echometer Company
- Encana Oil & Gas
- Gail Harrison
- Girls Inc. San Antonio
- Harlandale ISD
- Harris County
- Iliana Ruiz
- Jessica Haseltine
- John Matthews
- Judson ISD
- Karl Nichols
- Killeen ISD
- Kyle Ray
- Laura Bosworth
- McCoy Foundation
- Mexia ISD
- Monica Cates
- Motiva Enterprises LLC
- Mustang Engineering
- National Instruments
- NYOS Charter School
- Prairie View A&M University
- Razoo Foundation
- Robert Ramirez
- Rockdale Downtown Association
- Rockwell Collins
- Rosebud-Lott ISD
- Round Rock ISD
- Sarah Strapkovich
- Somerset ISD
- South San Antonio ISD
- Stephanie Houghton
- Steve DeLeon
- Temple ISD
- Texas ASCE
- Texas Instruments
- Texas Materials Institute
- Texas State University
- Tramaine Singleton
- Tricia Berry
- Tricia Gore
- Union Carbide Corporation
- West Orange Stark ISD
- Xcel Energy

COMMUNITY PARTNERS
- American Society of Civil Engineers
- American Society of Mechanical Engineers
- Connecting Texas Libraries Statewide
- National Society of Black Engineers
- Skillpoint Alliance
- Texas Regional Collaboratives

UNIVERSITY PARTNERS
- Amarillo College
- Angelo State University
- Coastal Bend Community College
- Educational Service Centers
- Lamar University
- Odessa College
- Prairie View A&M University
- St. Phillips College
- Tarrant County Community College
- Texas A&M University
- Texas State University
- Texas Tech University
- University of Houston
- University of Texas at Austin
- University of Texas Pan American
- University of Texas Permian Basin
LAUNCHING CAREERS IN STEM!