2014 HENAAC CONFERENCE OVERVIEW

Great Minds in STEM™ (GMiS) thanks its sponsors and supporters for helping to convene over 2,200 individuals from throughout the STEM education and workforce sector. GMiS proudly hosted top executives, senior management, recruiters, college students, faculty and administrators, and middle school and high school students, teachers, and administrators.

As a non-membership organization, GMiS drew a diversity of high caliber STEM students, from a broad array of institutions, including top-ranked U.S. News & World Report institutions, Research I Institutions, Minority-Serving Institutions, and 2-year colleges. The HENAAC Conference continues to be a competitive recruiting forum for STEM diversity. This year 108 colleges and universities were represented by students boasting an average GPA of 3.65.

Please visit www.greatmindsinstem.org for more information, photos and videos about the 26th HENAAC Conference.

PROFESSIONAL SUMMARY

GMiS hosted an engaged group of 912 professionals, including 46 HENAAC Award winners. GMiS honored Grace Lieblein, Vice President, Global Purchasing and Supply Chain, from General Motors, as the 2014 HENAAC Engineer of the Year and Sergio Torres, Ph.D., Lockheed Martin Fellow, from Lockheed Martin Corporation, as the 2014 HENAAC Scientist of the Year. GMiS also inducted Ralph de la Vega, President and CEO, AT&T Mobile & Business Solutions, into the HENAAC Hall of Fame.

Number of Registered Professionals 912

<table>
<thead>
<tr>
<th>Sector</th>
<th>Representation by</th>
<th>Corporate</th>
<th>Government</th>
<th>Military</th>
<th>Non-Profit</th>
<th>Academia (K-20)</th>
<th>Other/Guests</th>
</tr>
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<tbody>
<tr>
<td>60%</td>
<td>10%</td>
<td>7%</td>
<td>12%</td>
<td>3%</td>
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Number of HENAAC Professional Award Winners 47 (30 percent female)

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<th>Sector</th>
<th>Representation by</th>
<th>Corporate</th>
<th>Government</th>
<th>Military</th>
<th>Non-Profit</th>
<th>Academia (K-20)</th>
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<tr>
<td>55%</td>
<td>28%</td>
<td>2%</td>
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COLLEGE STUDENT SUMMARY

Great Minds in STEM™ continued to showcase and recognize its most technically-talented students through the HENAAC Scholars Program, Protégé Mentorship Program, HENAAC College Bowl™, and Technical Papers and Posters Competition. As a national conference, GMiS attracted undergraduate students, graduate students, administrators and faculty from 108 2-year and 4-year colleges and universities across the United States and Puerto Rico. The institutions included Research I institutions, Hispanic-Serving Institutions, and Historically Black Colleges and Universities.

In total, GMiS awarded $130,187 in student travel and registration grants. This was in addition to $326,317 provided in merit-based scholarships, STEM civic leadership scholarships, and competition awards. This year, GMiS surpassed $2.3M in direct scholarship support to over 930 college students, since the inception of the program!
Colleges and Universities Represented – Conference Wide

Arizona State University
Binghamton University
Brigham Young University
California State Polytechnic University, Pomona
California State Polytechnic University, San Luis Obispo
California State University, Fresno
California State University, Long Beach
California State University, Los Angeles
California State University, Northridge
Catawba Valley Community College
College of the Canyons
College of the Desert
Delgado Community College
Drexel University
East Los Angeles College
El Camino College
Embry-Riddle Aeronautical University
Fairleigh Dickinson University
Fayetteville State University
Florida Atlantic University
Florida Institute of Technology
Florida International University
Georgia Institute of Technology
Harvard Business School
Illinois Institute of Technology
Iowa State University
Jackson State University
Lamar University
Louisiana State University
Mercer University
Miami Dade College - Hialeah Campus
Mount St. Mary’s College
New Jersey Institute of Technology
New Mexico Institute of Mining and Technology
New Mexico State University
North Carolina State University
Northeastern University
Occidental College
Ohio State University
Oklahoma State University
Palm Beach State College
Pasadena City College
Purdue University
Rice University
Rutgers University
Sam Houston State University
San Antonio College
San Diego State University
Santa Ana College
Southeastern Louisiana University
Southern Methodist University
St. Mary’s University
Stanford University
Texas A&M University
Texas A&M University - Kingsville
Texas Southern University
The Pennsylvania State University
The University of Texas at Tyler
Tulane University
U.S. Coast Guard Academy
U.S. Military Academy
U.S. Naval Academy
Universidad del Sagrado Corazon
Universidad Interamericana de Puerto Rico
University of California, Irvine
University of California, Los Angeles
University of California, Merced
University of California, Riverside
University of California, San Diego
University of California, Santa Barbara
University of Central Florida
University of Florida
University of Houston
University of Houston - Clear Lake
University of Houston - Downtown
University of Illinois at Chicago
University of Illinois at Urbana-Champaign
University of Kansas
University of Louisiana at Lafayette
University of Maryland, Baltimore
University of Michigan
University of Nevada, Reno
University of New Mexico
University of New Orleans
University of Oklahoma
University of Pennsylvania
University of Puerto Rico at Mayaguez
University of Puerto Rico at Rio Piedras
University of South Florida
University of Southern California
University of Tennessee - Knoxville
University of Texas - Pan American
University of Texas at Arlington
University of Texas at Austin
University of Texas at Brownsville
University of Texas at El Paso
University of Texas at San Antonio
University of Wisconsin - Madison
Valencia College
Virginia Commonwealth University
Virginia Military Institute
Virginia Polytechnic Institute and State University
Washington State University Tri-Cities
Washington University in St. Louis
Whittier College
Xavier University of Louisiana

Number of Registered College Students 832 Average GPA*: 3.65

Gender
37% Female
63% Male

Classification
3% Doctoral
8% Masters
35% Seniors
23% Juniors
11% Sophomores
4% Freshmen
16% No Response

Institutional Type
3% 2-yr Public
6% 4-yr Private
91% 4-yr Public

48% Hispanic-Serving Institutions
5% Historically Black Colleges and Universities

Top Ten Majors
29% Mechanical Eng.
11% Electrical Eng.
8% Industrial Eng.
6% Computer Eng.
6% Computer Sci./IT
5% Chemical Eng.
4% Civil Eng.
3% Aerospace Eng.
3% Biology
3% Biomedical Eng.

* Based on self-reported information
The HENAAC Scholars Program offers both merit-based academic scholarships and STEM Civic Leadership Scholarships.

**Number Awarded** 108  
**Gender**  46% Female  
**Classification**  11% Graduate Students  

**Total Awarded** $314,517  
**Gender**  54% Male  
**Classification**  33% Seniors  
21% Juniors  
9% Sophomores  
26% Freshmen

**HENAAC College Bowl™ XV – Theme: “World Cup Soccer”**

The 2014 HENAAC College Bowl™ was sponsored by NASA, for the 15th consecutive year. The winning team was The Boeing Company – Alpha. The David Burris Tribute Award, a peer-selected award in recognition of a coach who shines as “best mentor” to the students, was presented to Sandra Martinez from The Boeing Company – Alpha team.

**Number of Students Registered/Waitlisted** 383  
**Gender (Students)**  30% Female  
**Classification**  3% Graduate Students  
43% Seniors  
28% Juniors

**Number of Coaches** 48  
**Gender**  70% Male

**Number of Teams** 24  
**Number of Student Awards** 27  
**Special Recognition Awards** 9  
**Classification**  
20% Sophomores  
6% Freshmen

**Protégé Mentorship Program**

The 2014 Outstanding Mentor was Marissa Suarez of The Walt Disney Company. The 2014 Outstanding Protégé was Andrew Trucks from the University of Central Florida.

**Number of Protégés** 106  
**Gender (Students)**  28% Female  
**Classification**  
19% Graduate Students  
57% Seniors  
20% Juniors  
4% Sophomores

**Number of Mentors** 73  
**Gender**  72% Male

**Technical Papers & Posters Competition**

**Number of Presenters** 50  
**Gender**  38% Female  
62% Male  
**Classification**  
32% Graduate Students  
34% Seniors  
16% Juniors  
18% Sophomores  
- Freshmen

**Number of Student Awards** 9

**Travel & Registration Grants – College Students and K-12 Educators & Students**

**College Students**

**Total Travel Grants** $106,717  
**Airfare Grants** $63,869  
**Other Travel Grants** $42,848  
**# Supported** 184  

**Total Registration Grants** $23,470  
**# Supported** 342

**K-12 Students and Educators**

**Total Travel Grants** $19,750  
**# Supported** 446

Information current as of November 17, 2014
CAREER AND GRADUATE FAIR

Thanks to our lead conference host sponsors – Lockheed Martin Corporation, The Boeing Company, Northrop Grumman Corporation, and Hyatt Regency New Orleans - and our Academic Hosts – Tulane University, The University of New Orleans, and Louisiana State University – for helping GMiS bring together an opportunistic conference for our underserved students and our STEM recruiters.

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<thead>
<tr>
<th>Est. Number of Participants</th>
<th>1,300</th>
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<td>Number of Booths</td>
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Booth Representation

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<td>37% Corporate</td>
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<td>15% Government</td>
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<tr>
<td>14% Military</td>
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<tr>
<td>12% Non-Profit</td>
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<tr>
<td>22% Universities</td>
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K-12 EDUCATION SUMMARY

For the fifth consecutive year, GMiS held its National K-12 Educators Institute, a professional development program, hosting teachers from four states – California, Louisiana, Maryland, and Texas – and Washington DC. Thanks to the sponsorship of Northrop Grumman Corporation, U.S. Army, and U.S. Department of Defense, and support from the U.S. Patent and Trademark Office. For the third year, a Viva Technology™ Program was held at the HENAAC Conference for local middle school students, thanks to the sponsorship from Shell Oil Company. The Viva Technology™ Program for high school students was sponsored by the U.S. Army with support from the Office of Education at the U.S. Patent and Trademark Office.

K-12 Educators Institute

<table>
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<tr>
<th>Participants</th>
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Gender

<table>
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<tr>
<td>Male</td>
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Type

<table>
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<tbody>
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<td>HS Teachers</td>
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<tr>
<td>MS Teachers</td>
<td>27%</td>
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<tr>
<td>ES Teachers</td>
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Viva Technology™ – High School

<table>
<thead>
<tr>
<th>No. of Students</th>
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<tbody>
<tr>
<td>No. of Teachers</td>
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Eleanor McMain Secondary High School (New Orleans)

McDonogh 35 College Preparatory High School (New Orleans)

Viva Technology™ – Middle School

<table>
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<tr>
<th>No. of Students</th>
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<tr>
<td>No. of Teachers</td>
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<tr>
<td>No. of Schools</td>
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Gretna Middle School (Gretna, LA)

John Q. Adams Middle School (Metairie, LA)

L.H. Marrero Middle School (Marrero, LA)

Livaudais Middle School (Terrytown, LA)

L.W. Ruppel Academy for Advanced Studies (Gretna, LA)

T.H. Harris Middle School (Metairie, LA)

ADDITIONAL INFORMATION

Conference Sponsorship - Bertha Haro, M.P.A., Director of Development – bharo@greatmindsinstem.org

Professional Programs – Monica Villafaña, Esq., Director of Professional Programs - mvillafana@greatmindsinstem.org

University Programs – Gary Cruz, Ph.D., Sr. Manager of University Programs - gcruz@greatmindsinstem.org

K-12 Programs – Lupe Muñoz-Alvarado, M.A., Director of Education Programs - lmalvarado@greatmindsinstem.org

Save The Date

27th HENAAC Conference

October 14 – 18, 2015

Pasadena, CA

Information current as of November 17, 2014