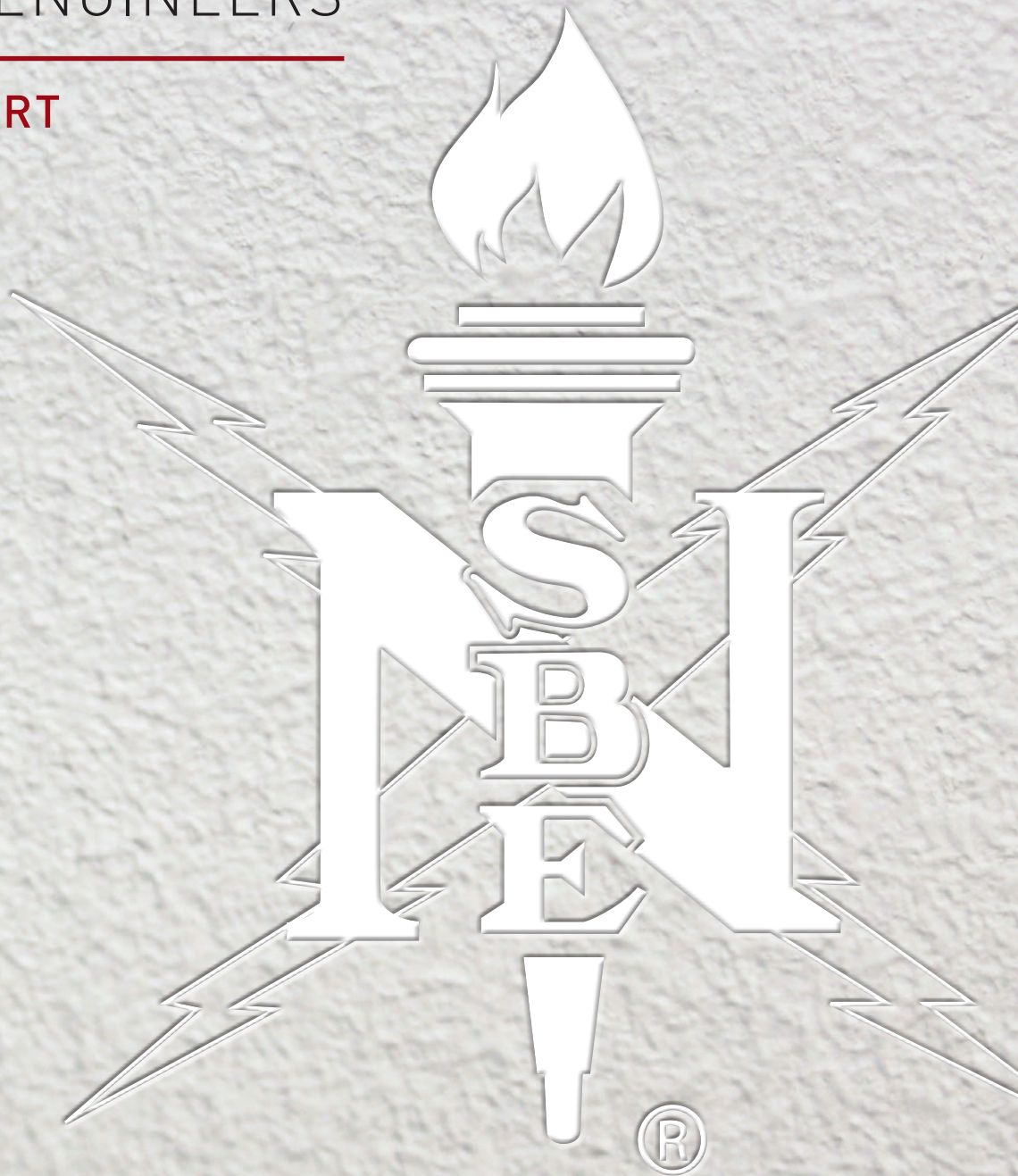


2012-13

THE NATIONAL SOCIETY
OF BLACK ENGINEERS

ANNUAL REPORT





*To increase the number of culturally responsible
Black engineers who excel academically, succeed professionally
and positively impact the community.*



PROGRAMS AND INITIATIVES

NSBE Golden Torch Awards

The 16th Annual NSBE Golden Torch Awards showcased distinguished engineering talent and initiatives during the 36th Annual Convention in Indianapolis. Serving as its host was Nicole Lyons, the first African-American woman to race in the coveted classes of National Hot Rod Association Top Sportsman and Drag Racing League Top Sportsman. The ceremony recognized executives like Earl Shipp, vice president and site director of the Texas Operations for the Dow Chemical Company and Joseph Irwin Miller, the former chairman and CEO of Cummins Inc., to name a few. For the full winners list, visit www.nsbe.org.



ExxonMobil NSBE Impact Awards

For the third year, NSBE extended its partnership with the ExxonMobil Corporation in 2012-13 by recognizing three outstanding university programs focused on the retention of minority engineering students. The ExxonMobil NSBE Impact Awards, funded by a grant from ExxonMobil Foundation, acknowledges universities that have developed innovative and successful retention programs that support African American, Hispanic American and American Indian students pursuing degrees in engineering. Winners of the third annual award were:

- The Ohio State University
- University of Michigan
- Northwestern University



NSBE CHAPTER RETENTION PROGRAM

NSBE signed up 105 chapters for its retention program, which is designed to increase the number of first-year prospective engineering students who successfully matriculate in a STEM major for their sophomore year and on through graduation with a STEM degree.

These chapters will be guided such that each implements the retention program, develops resources, and collects statistics that will be instrumental in understanding how to increase the retention rate of African Americans in engineering programs.

Alabama A&M University
B.O.S.S. Chapter
Black Engineers Society
Boston University
Brooklyn Technical High School
Buffalo State College
Cal Poly Pomona
Cal Poly SLO
California State University San Diego
Carnegie Mellon University
Clemson University
Colorado School of Mines
Concordia University
Cornell University
Delaware State University
Drexel University
FAMU-FSU
Fort Valley State University
George Mason University
Georgia Southern NSBE
Georgia Tech Society Of Black Engineers
Iowa State University
Kansas State University
Kettering University A-Section
KU NSBE Chapter
Kwame Nkrumah University of Science and Technology (KNUST)
Lehigh Chapter
Louisiana State University
Louisiana Tech University
McMasterchecking
Minority Engineering Educational Task

Missouri University of Science and Technology
National Society of Black Engineers
UCLA
NC State
New Jersey Institute of Technology
New York Institute of Technology—Manhattan
North Carolina A&T State University Chapter 1213
North Carolina State University
Northeastern University
Northern Illinois University
Northwestern University
NSBE at Clarkson University
NSBE-LSU
NYIT-Manhattan
Oregon State University NSBE
Penn State: U. Park
Polytechnic Institute of NYU
Prairie View A&M University
Rensselaer Polytechnic Institute
Rochester Institute of Technology
Rose-Hulman Institute of Technology
Saint Louis Community College
San Francisco State University
San Jose State University
South Carolina State University
South Dakota School of Mines and Technology
Southern Polytechnic Society of Black Engineers
Syracuse University
The City College of New York
The Cooper Union
The Ohio State University

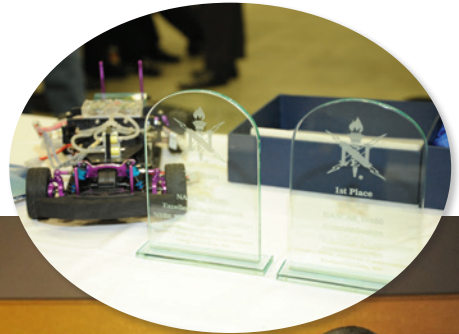
The University of Texas at Austin Chapter
Trinity Higher Education Corporation
Tulane University
UC Merced
UC Riverside
UC Riverside
UCSB NSBE
UF NSBE
UMass Amherst
UNC Charlotte
University of Kentucky
University of Alabama-Huntsville
University of Arizona
University of Arkansas- Fayetteville
University of California, Irvine
University of California, Santa Cruz
University of Central Florida
University of Cincinnati
University of Colorado at Boulder
University of Florida
University of Illinois at Urbana-Champaign
University of Louisville
University of Massachusetts Lowell
University of Massachusetts Dartmouth
University of Michigan—Ann Arbor
University of Minnesota
University of Missouri—Columbia
University of Notre Dame
University of Pennsylvania
University of Rhode Island
University of Southern California
University of Southern Mississippi
University of Tennessee—Knoxville
University of Texas at Arlington
University of Virginia
University of Washington
University of Wisconsin—Madison
United States Naval Academy
Utah State University
Vanderbilt University
Virginia Commonwealth University
Virginia Tech
Wayne State University
WIT NSBE

NEW PROGRAMS FOR NSBE JR. MEMBERS

NSBE's Pre-College Initiative has developed several new programs in this year, all aimed at providing exciting engagement for middle and high school students in the areas of science, technology, engineering, and math (STEM).

NASCAR Ten80

NASCAR Ten80 is a new yearlong program/competition. Representatives from NASCAR Ten80 Education Stem Initiative conducted workshops at three fall regional conferences this year. The goal of this program is to have middle school students in 6th–8th grade compete using electric radio controlled (RC) cars to create products and work together in ways that parallel the arduous preparation of NASCAR teams in the weeks, months and years leading up to each race. Student teams showcase their work and compete over the internet, locally and nationally in categories including project management, race engineering, aerodynamic design, alternative energy, creative engineering and graphic design.



FIRST LEGO League Official Affiliate Partner

In 2013, the National Society of Black Engineers became an official Affiliate Partner of the FIRST LEGO League program. This unique partnership designated NSBE as its own region within the FIRST LEGO League Foundation. This pre-college initiative program will hold community events and workshops at most fall regional conferences. All 19 registered teams will compete at the annual convention. This year one of our teams will compete at the invitation only FIRST LEGO League World Festival April 2014 in St. Louis, MO.

KidWind Project:

The goal of the KidWind project is to make renewable energy widely accessible through hands-on activities which are challenging, engaging, and teach basic science and engineering principles. This program will be piloted at the Region VI fall regional conference. If the pilot is successful this program will be rolled out to our entire membership later this fall.

• KidWind Challenge Goals:

- › Get students excited about the promise and opportunities of renewable energy—specifically wind power—and its relationship to global climate change.
- › Foster opportunities for students to build, test, explore, and understand wind energy technology at a manageable scale.
- › Get students—particularly girls and underrepresented populations—excited about careers in STEM fields related to renewable energy.

SCHOLARSHIPS

NSBE Summer Bridge Scholarship Program

This past summer NSBE offered more than \$33,385 in scholarships for students attending a summer bridge program at their engineering school prior to the start of their freshman year. The scholarships were requested by the MEP directors of 10 schools and were awarded to 27 students. NSBE has developed a tracking program for these students to follow their progress through their engineering education. NSBE is pleased to announce that all 27 students are currently enrolled in their engineering program. NSBE is developing a survey instrument to record the elements of each school's summer bridge program and their collaborative learning environment over the student's first two years.

Corporate Scholarships

NSBE awarded more than \$500,000 in corporate scholarships to pre-college and collegiate students from the following sponsors:

BP	Verizon Wireless
Cisco	Accenture
Chevron	Cummins, Inc.
Exxon	Google Travel Scholarship
GE	Hilton
General Mills	Lubrizol
Leroy Callender	Oracle America
Northrop Grumman	S.D. Bechtel, Jr. Foundation
Rockwell Collins	

Ranging from \$500 to \$15,000, NSBE scholarships provide student members with financial support that can make a difference in retaining them until graduation. In addition to corporate scholarship, NSBE scholarships included the Mike Shinn Distinguished Member of the Year; NSBE BCA, Major Sponsor and Fellows, and the NSBE Fulfilling the Legacy scholarship.



2012-13 Board of Corporate Affiliates (BCA)

2012–2013 BCA

3M
Accenture
BAE Systems, Inc.
Bechtel Corporation
Boston Scientific Corporation
BP
Caterpillar, Inc.
Central Intelligence Agency
CH2M Hill
Chevron Corporation
Cisco Systems, Inc.
Cummins Inc.
DELL
Delphi
Delta Air Lines
DuPont
Eaton Corporation
Eli Lilly & Co.
EMC Corporation
ExxonMobil Corporation
Genentech, Inc.
General Dynamics
GE
General Mills
General Motors Corporation
Hewlett-Packard
Honda of America Mfg
IBM
Intel Corporation
Johnson Controls, Inc.
John Deere
Life Technologies
Lockheed Martin Corporation
Merck & Co., Inc.
MWV
Northrop Grumman Corporation
Raytheon Company
Rockwell Collins
Shell
Texas Instruments
The Boeing Company
The Dow Chemical Company
Toyota Motor Engineering &
Manufacturing of North America
US Coast Guard
US Army
US Marine Corps
US Navy
United Technologies Corporation

2012–2013 Champion of Champions Award Winners

The Boeing Company

Mark Burgess
Thomas Koehler

BP

Lori Washington

CH2M Hill

Michael McKelvy

Cummins

Christopher Walker
Vincent Jenkins

The Dow Chemical Company

Eunice Heath
Mauri Schoby

Eli Lilly & Company

Sharon Kindell Jenkins

ExxonMobil

Byron Williams
Kathy Belton
Kenneth Warren

GE

Dmitri Stockton
Pamela Hall
Theresa Peterson

Merck & Company

Denise Powell

Shell

Michael Alvarez

United States Coast Guard

Carla Grantham

Premier Career Fair Booth Sponsor

The Boeing Company

Chairman's Award Winners

(contributing above \$100k)

CH2MHill

Chevron

ExxonMobil

GE

Northrop Grumman Corporation

The Boeing Company

United States Coast Guard

United States Navy

United Technologies Corporation

SEEK

SUMMER ENGINEERING EXPERIENCE FOR KIDS



The Summer Engineering Experience for Kids (SEEK) is the National Society of Black Engineers' free, three-week summer academy that provides interactive engineering activities for thousands of children in third through eighth grades. The goal of the experience is to spark an interest in a field that many participants had not previously considered. During the summer of 2012, camps were held in San Diego, CA; Detroit, MI; Washington, DC; San Diego, CA; Houston, TX; New Orleans, LA and Oakland, CA

Curriculum

Students participated in three hands-on activities from curriculum from the Society of Automotive Engineers International that included the Glider, Gravity Cruiser, and Solar Car. Each of the activities helped participants better understand friction, speed torque amid a friendly, competitive environment.



2012 SEEK Sponsors

San Diego Gas and Electric	\$50,000
US Marines	\$50,000
Accurate Engineering	\$1,000
Solar Turbines	\$50,000
San Diego State	\$20,000
Alcoa	\$50,000
Northrop Grumman	\$100,000
Cummins	\$25,000
GE	\$100,000
Office of Naval Research	\$196,000
Hattie M. Strong	\$15,000
US Coast Guard	\$52,500
US Navy	\$15,000
Chevron	\$300,000
INTEL	\$50,000
SD Bechtel Jr. Foundation	\$75,000
DOW	\$110,000
Delphi	\$25,000
TARDEC	\$15,000
Ford Fund	\$20,000
Shell	\$70,000
Motorola	\$50,000
Society of Automotive Engineers	In Kind
Oakland Unified School District	In-Kind
ReNew Schools (New Orleans)	In-Kind
District of Columbia Public Schools	In-Kind
Detroit Public Schools	In-Kind





MEMBERSHIP YEAR-END TOTALS

	2012-13
NSBE Jr.	4,503
Collegiate	18,410
Professional	6,934
Lifetime	209
Total	30,056

Membership grew past the 30,000 mark, spurred by a growth in collegiate members to 18,410. Lifetime members like...continued to join the Society with totals at more than 200. **Ronald Wagogo** joined the Society as lifetime member #191. He served as the 2012-2013 Region I Professionals Chair and works in the Voice Communications field. **Dr Ebonee Williams** joined the Society as lifetime member #199. Dr. Williams is a long time member of NSBE, earning her Masters in Industrial Business Management from the Lille Business School in France, and her Ph.D. in Chemical Engineering in 2004 from the University of Washington. She also served as the 2012-2013 Region 6 Professionals Chair. **Pat W. Locke** joined the Society as lifetime member #206. She was a 2013 Golden Torch Legacy Award winner and is the founder of the Seeds of Humanity Foundation, Inc. with the mission to assist in the training and development of underserved and underrepresented students and influencers in STEM. Ms Locke has the Distinction of being the first African-American woman to graduate from West Point.

Pat W. Locke



Statements of Financial Position

ASSETS

CURRENT ASSETS:

	July 2013	July 2012
Cash and cash equivalents	\$715,713	\$2,177,001
Contributions receivable, net	2,141,880	248,149
Prepaid expenses and other assets	36,070	100,917
Total current assets	<u>2,893,663</u>	<u>2,526,067</u>
Investments—Long Term	9,692,603	7,468,037
Building, furniture, fixtures and equipment, net	3,702,049	3,811,677
Deposits	1,000	1,000
Total assets	<u>16,289,315</u>	<u>13,806,781</u>

LIABILITIES AND NET ASSETS

CURRENT LIABILITIES:

Accounts payable and accrued expenses	\$1,413,162	\$712,517
Deferred Revenue	2,099,946	507,761
Total current liabilities	<u>3,513,108</u>	<u>1,220,278</u>
Total liabilities	<u>3,513,108</u>	<u>1,220,278</u>

NET ASSETS

Unrestricted	12,630,167	11,839,605
Temporarily restricted	108,649	709,507
Permanently restricted	37,391	37,391
Total net assets	<u>12,776,207</u>	<u>12,586,503</u>
Total liabilities and net assets	<u>\$16,289,315</u>	<u>\$13,806,781</u>

Statement of Activities

National Society of Black Engineers Summary For the Twelve Months Ended July 31, 2013

	2013			2012	
	Unrestricted	Temporarily Restricted	Permanently Restricted	Total	
REVENUE					
Corporate solicitations/sponsorships	\$7,069,351	\$0	\$0	\$7,069,351	\$5,057,303
BCA contributions	\$1,860,000	\$0	\$0	\$1,860,000	\$1,966,000
Conferences	\$1,015,466	\$0	\$0	\$1,015,466	\$1,059,684
Career fair	\$1,489,150	\$0	\$0	\$1,489,150	\$2,062,937
Publications	\$603,847	\$0	\$0	\$603,847	\$745,899
Dues	\$291,974	\$0	\$0	\$291,974	\$240,467
Scholarships	\$398,897	\$101,087	\$0	\$499,984	\$667,951
Interest income	\$213,739	\$0	\$0	\$213,739	\$193,306
Royalty income	\$1,804	\$0	\$0	\$1,804	\$8,676
Net realized gain on investments	(\$21,292)	\$0	\$0	(\$21,292)	(\$154,950)
Net unrealized (loss)/gain on investments	\$992,956	\$0	\$0	\$992,956	\$201,819
Total revenue	\$13,915,891	\$101,087	\$0	\$14,016,978	\$12,049,092
Net assets released from restrictions	\$701,945	(\$701,945)			
EXPENSES					
Program Expenses:					
National Convention	\$1,671,044	\$0	\$0	\$1,671,044	\$2,064,839
NSBE Publications	\$786,338	\$0	\$0	\$786,338	\$759,333
Regional activities	\$705,320	\$0	\$0	\$705,320	\$707,284
NSBE Scholarships	\$822,132	\$0	\$0	\$822,132	\$981,949
Programs	\$3,797,468	\$0	\$0	\$3,797,468	\$1,449,632
Pre-College Initiative (PCI)	\$196,329	\$0	\$0	\$196,329	\$527,763
Pre-College Initiative (SEEK)	\$2,920,456	\$0	\$0	\$2,920,456	\$1,600,070
National Executive Board (NEB)	\$361,862	\$0	\$0	\$361,862	\$264,065
Alumni	\$378,941	\$0	\$0	\$378,941	\$496,440
Total program expenses	\$11,639,890	\$0	\$0	\$11,639,890	\$8,851,375
General & Administrative Expenses— National Office	\$2,187,384			\$2,187,384	\$2,116,514
Total expenses	\$13,827,274	\$0	\$0	\$13,827,274	\$10,967,889
Change in net assets	\$790,562	(\$600,858)	\$0	\$189,704	\$1,081,203
Net assets—beginning of year	\$11,839,605	\$709,507	\$37,391	\$12,586,503	\$11,505,300
Net assets—end of year	\$12,630,167	\$108,649	\$37,391	\$12,776,207	\$12,586,503



THE NATIONAL SOCIETY
OF BLACK ENGINEERS

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