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2010 NATIONAL SCHOLARSHIP RECIPIENTS

NATIONAL SOCIETY OF BLACK ENGINEERS 2010 NATIONAL SCHOLARSHIP RECIPIENTS

The Mike Shinn Distinguished Member of the Year 2009-2010

The Mike Shinn NSBE Distinguished Member of the Year Program provides scholastic motivation to achieve and serves as a tool to encourage members to continue to strive for academic excellence, while developing professional and leadership skills through organization and community involvement. This distinction is awarded to a female and male NSBE member who exemplifies all that NSBE mission embodies. The awards are given to student members who have demonstrated high scholastic performance, dedicated service to the Society and other organizations, and who possess high professional promise. Judged on the basis of fulfillment of the mission through participation in NSBE programs and other activities, the members selected for this prestigious honor serve as role models for the entire membership.

Award \$7,500

Carl McGill

University of Michigan – Ann Arbor

Biomedical Engineering

Growing up as a first-generation American citizen exposed me to many opportunities that my parents did not have when they were growing up in Liberia. Two months after being born in Minnesota, my parents and I returned to Liberia. I lived there from the age of two months to seven years. When civil war erupted in Liberia in 1990, my parents moved to the United States in order to provide a better and safer environment for my brother and I. While growing up, I tried to take advantage of every opportunity in order to gain the knowledge and experience that comes with each new venture. I am the first member of my family to pursue an engineering career and to seek a doctoral degree. Through hard work and determination, I intend to fulfill the dreams of my parents and the goals I have set forth for my own success.

Among these goals is the pursuit of scholarship and the desire to give back to the community. In high school, I took honors classes and played sports while participating in the orchestra. I graduated with honors, finished in the top 6% of my class, and then went on to attend Clemson University. During my sophomore year at Clemson, the National Society of Black Engineers (NSBE) was introduced to me as an organization that would help me successfully obtain my bachelor's degree and also provide an avenue to give back to the community. Since becoming a NSBE member, I have served on a chapter and regional executive board, mentored and tutored middle/high students in the NSBE Jr. Program and T.O.R.C.H., co-presented workshops to Pre-College Initiative (PCI) students at National Conventions, and became a resource to undergraduates interested in graduate school. After obtaining my Bachelor's, I decided to pursue a master's and doctoral degree in Biomedical Engineering at the University of Michigan.

I am a very active member of the graduate student community at the University of Michigan. I mentor first year undergraduate engineering students and serve on the College of Engineering: Graduate Student Advisory Committee as a graduate student representative for my department and several other minority organizations. As well, I am a member of a graduate student minority

support group, the Society of Minority Engineers & Scientists-Graduate Component (SMES-G), and Alpha Phi Alpha Fraternity, Inc.

My work ethics and commitment to social responsibility has allowed me to maintain my focus on my personal, academics, and professional goals. NSBE has provided me with the support and resources to achieve academic success along with the awareness to give back to the community. Not only do I carry out NSBE mission daily, I encourage others to succeed and fulfill, if not surpass all expectations.

Sophoria N. Westmoreland Univ. of Maryland/ College Park Mechanical Engineering

Unable to hold back tears, Sophoria Nicole Westmoreland reluctantly entered her sophomore year as a transfer student into the High School for Engineering Professions, a decision made by her parents without her consent. Early in life Sophoria was afraid of trying to excel academically because of poor grades, low scores on standardized testing, and family financial hardships, so going forward was a challenge. She later realized that she enjoyed engineering and would later want to go to college to become an engineer. Finances being a roadblock for achieving higher education, she applied for undergraduate funding from over 150 organizations, receiving more than \$60,000 in scholarship monies to fund her undergraduate career. Surprising to only Sophoria, 14 years later she is pursuing her 4th and highest possible degree in Mechanical Engineering at the University of Maryland – College Park. Growing up with 5 siblings, Sophoria learned early that people don't care how much you know until they know how much you care.

In 2003 after completing a Bachelor of Science degree in Mechanical Engineering (Georgia Institute of Technology) and General Engineering with Mechanical Concentration (Clark Atlanta University) she decided to pursue a teaching career at Grantham Academy for Engineering in Houston, Texas as an Engineering Lab Instructor. Sophoria is a Ph.D. student in Mechanical Engineering at the University of Maryland-College Park, working in the Design and Reliability of Systems Group since 2007. In April 2009, she was presented with the Black Engineers Society Outstanding Graduate Student Award and a Center for Minorities in Science and Engineering Outstanding Service Award. She was also recognized with an Excellence Award by the Department of Mechanical Engineering in 2008 and 2009.

While in high school she was affiliated with the NSBE Jr. Chapter and received a \$500 book scholarship towards her freshman studies. She has also been affiliated with the Atlanta University Center and Georgia Institute of Technology chapters of NSBE before joining the Maryland Chapter. Sophoria currently serves as the Graduate Student Coordinator for the Black Engineers Society (NSBE) and also as a member of the National Academic Excellence Committee as the Research and Development Coordinator. Sophoria is also a member of the American Society of Mechanical Engineers, American Society for Engineering Education, Society of Women Engineers, and Alpha Kappa Alpha Sorority, Inc. She holds life membership in the Clark Atlanta University Alumni Association and recently became a volunteer at the newest Smithsonian Institution, the National Museum of African American History and Culture. At Maryland she continues to raise the bar through leadership and teamwork by offering her time, talents, testimony, and treasures to her community.

S. D. Bechtel, Jr. Foundation Engineering Scholars - 2009 **Award: \$15,000**
funded through a general grant provided by the S. D. Bechtel, Jr. Foundation.

Imani N. Adams
Clyde Grey

North Carolina A&T State University
Florida International University

Mechanical Engineering
Civil Engineering

Matthew McFarland North Carolina State University Mechanical Engineering

Verizon Scholars Award: \$6,500 (1) / \$5,000 (2) Possible Internship

Verizon High Scholar - \$6,500

Joshua Situka University of Houston Electrical Engineering

Verizon Scholar - \$5,000

Vanetia Cannon Washington Univ. in St. Louis Computer Science

Ninrat B. Ditiri NC State University Computer Engineering

Bechtel Group Foundation Scholars

Award: \$5,500

Christianne A. Gosling Clarkson University Civil & Aeronautical Engineering

Melanie Patrick NCA&T State Univ. Mechanical Engineering

Battelle Collegiate Scholars

Award: \$5,000 Possible Internship

Battelle Scholars

Brookhaven National Laboratory Scholars

Idaho National Laboratory Scholars

Oakridge National Laboratory Scholars

Pacific Northwest National Laboratory Scholars

Ryan C. Boles	Morehouse College	Mechanical Engineering
Schadrick Collins	Univ. of Central Florida	Mechanical Engineering
Lydia Everhart	Univ. of Dayton	Chemical Engineering
Brian Finley	California State Univ.	Mathematics
Melvin H. Freeman	Morehouse College	Applied Physics/Mechanical Engineering
Theodore Glave	Clarkson University	Chemical Engineering
Rebecca Hicks	California State Univ.	Computer Science
Jessandra Hough	Univ. of Maryland	Mechanical Engineering
Sanga T. Mutah	NJ Institute of Technology	Chemical Engineering
Femi Olutade	Stanford University	Electrical Engineering
David E. Wardlow, Jr.	NC A&T State University	Civil Engineering
Leon G. White	NC A&T State University	Mechanical Engineering
Corrin D. Williams	Prairie View A&M University	Mechanical Engineering

Battelle High School Scholars – PCI

Award: \$5,000

Nana Yaa S. Afrifah	Independence High School	Columbus, OH
Nathaniel E. Carr	Northland High School	Columbus, OH
Abigail A. Danso	Northland High School	Columbus, OH
Kelvin D. Freeman	Fort Hayes High School	Columbus, OH
Ibironke O. Ogunye	Fort Hayes High School	Columbus, OH
Adnane Rhazzal	Metro High School	Columbus, OH

Cummins Inc. Corporate Scholars

Award: \$5,000

Nelson James Stanford University Mechanical Engineering

Carion Pelton Oklahoma State University Electrical Engineering

Sean-Keith Welsh University of Miami Mechanical Engineering

Northrop Grumman Corporation Scholars

Sheldon L. Anderson	University of Florida
Colin Blakeney	NC A&T State University
Pamela C. Gipson	Mercer University
Kim N. Okafor	University of Houston

Award: \$5,000

Systems Engineering
Computer Engineering
Computer Science
Electrical Engineering

United States Steel NSBE Academic Scholars

Funds provided by the United States Steel Foundation

Award: \$5,000

Christopher K. Clayton	Auburn University	Electrical Engineering
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Freeport-McMoRan Foundation Scholars - 2009

Terence Johnson	GA Tech
Yolanda S. Youngblood	Univ. of Central Florida

Award: \$4,500 Scholarship

Civil Engineering
Mechanical Engineering

Golden Torch Award Student Scholars – PCI

Award: \$4,000 Scholarship (Four Year)
(\$1,000 per year - Renewable)

Devon M. Broaden	North Augusta High School	North Augusta, SC
Rebecca M. Conaway	Hoboken High School	Hoboken, NJ
Harold J. Rickenbacker	Orangeburg Wilkinson High School	Orangeburg, SC
Sydney S. Steward	South Mecklenburg High School	Charlotte, NC
Allyse A. Terrell	Benicia High School	Benicia, CA
Jonathan A. Thompson	Judson High School	Converse, TX
Jehuti S. Willis	Westlake High School	Atlanta, GA

Wal-Mart Stores, Inc. Corporate Scholars

DaNae Marie Grubbs	NC A&T State Univ.
Zeth McNeal	Univ. of Oklahoma
Leah Preston	Univ. of Nevada

Award: \$3,000

Computer Science
Electrical & Computer Engineering
Civil Engineering

BP Corporate Scholars

Wasiu O. Abioye	Prairie View A&M Univ.
Taylor Blake	NC A&T State Univ.
Akeem A. Obe, Sr.	Louisiana Tech Univ.
Kadian Tinto	Howard University

Award: \$2,500

Chemical Engineering
Mechanical Engineering
Chemical Engineering
Chemical Engineering

Delphi Corporate Scholar

Nirajan Sharma	University of New Orleans
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Award: \$2,500

Naval Architecture

GE Lloyd Trotter African-American Forum Scholars**Award: \$2,500**

The GE Lloyd Trotter African-American Forum scholarship is awarded to undergraduates majoring in one of the programs offered by a school of business or engineering. GE employees fund this scholarship, and matching contributions are generously provided by the GE Foundation.

Shauna N. Adams	NC A&T State Univ.	Mechanical Engineering
Sekou Batchelor	University of Florida	Computer Software Engineering

PBS&J Foundation Scholars**Award: One (1) \$2,500 Award
One (1) \$1,500 Award**

One (1) \$1,000 Award

Dorian Hemming	NC A&T State Univ.	Civil Engineering
Albrion L. Symonette, Jr.	Morehouse College	Civil Engineering
Davita Colclough	NC A&T State Univ.	Civil Engineering & Geomatics

Rockwell Collins, Inc. Scholars

Award: \$2,500

Kanessa R. Belyeu	Auburn University	Wireless Software Engineering
James L. Lankford	Virginia Polytechnic Institute & State Univ.	Aerospace Engineering
Ben N. Onukwube	Univ. of Arkansas	Computer Engineering

Toyota Corporate Scholars

Award: \$2,500

Martin German	Florida A&M/Florida State Univ.	Industrial Engineering
Nelson German	Florida A&M/Florida State Univ.	Industrial Engineering
Kendal Hudson	NC State University	Mechanical Engineering
Ashley J. Britten	University of Mississippi	Chemical Engineering

Alumni Extension Technical Scholars

Award: \$2,000

Augustine N. Ajuzie	Prairie View A&M Univ.	Electrical Engineering (Ph.D.)
Nahom M. Beyene	Univ. of Pittsburgh	Rehabilitation Engineering (Ph.D.)
Jessica Calhoun	Univ. of Houston	Systems Engineering (M.S.)

Caterpillar, Inc. Scholars

Award: \$2,000

Sheereen J. Brown	GA Tech	Industrial & Systems Engineering
Lauren Brownridge	NC A&T State Univ.	Electrical Engineering
Brandon Howard	Alabama A&M Univ.	Mechanical Engineering
Tiffany S. Legge	Purdue University	Mechanical Engineering
Adonis Williams	Missouri Univ. of Science & Technology	Mechanical Engineering

ExxonMobil Scholars

**Awards: \$2,000 - National
\$1,500 – Regional**

National

Roddrick O. Jefferson	Prairie View A&M Univ.	Electrical Engineering
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Regional

Lindeon S. Davis	Pennsylvania State Univ.	Civil Engineering
Cortez Frazier, Jr.	NC A&T State Univ.	Mechanical Engineering
Adria Galloway	Univ. of Texas at Austin	Chemical Engineering
Ryan Hall	Iowa State Univ.	Electrical Engineering
Jordan Knight	Oklahoma State Univ.	Electrical Engineering
Chelle Leonard	Southern Univ./A&M College	Electrical Engineering
Kiara C. Moorer	Tuskegee Univ.	Chemical Engineering
Nwamaka Nzeocha	Univ. of Houston	Electrical Engineering
Bibi O. Olomola	Texas Tech Univ.	Chemical Engineering
Teghese P. Omoregie	Prairie View A&M Univ.	Chemical Engineering
Evyn Pierre	Texas & M Univ.	Civil Engineering
Matthew J. Rich	City College of New York	Mechanical Engineering

Lockheed Martin Corporation Scholars

Award: \$2,000

Roshan Das	Clarkson Univ.	Aeronautical & Mechanical
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Joshua J. Dixon	Univ. of Central Florida	Engineering
Jessica R. Jones	Clafin Univ.	Computer Engineering
Torrence S. Marunda, II	Morehouse College	Computer Engineering
Tahiem A. Williams, Jr.	Univ. of South Florida	Electrical Engineering
		Mechanical Engineering & Mathematics

Chevron International Studies Scholars 2009

Award: \$1,000

Ogaga A. Abire	University of Benin (UNIBEN)	Mechanical Engineering
Chika Akaeze	University of Benin (UNIBEN)	Mechanical Engineering
Enoguese Igbinosun	University of Benin (UNIBEN)	Mechanical Engineering
Felix O. Onaghise	University of Benin (UNIBEN)	Electrical Engineering
Ebenezer T. Afekemor	University of Benin (UNIBEN)	Computer Engineering
Joachins I. Nwachukwu	University of Benin (UNIBEN)	Civil Engineering
Philip N. Utabor	Howard University	Civil Engineering
Medese M. Assogba	University of Benin (UNIBEN)	Chemical Engineering
Pendieu D. Enkoue	Univ. of Science & Tech – Ghana	Petroleum Engineering
D’Andre Wilson	McGill University – Canada	Chemical Engineering

Fulfilling the Legacy Scholars

Award: \$1,000

This scholarship is awarded to undergraduate members who epitomize NSBE's mission statement to produce culturally responsible black engineers who excel academically, succeed professionally and positively impact the community. The number of available scholarships is determined by the amount of money donated to the fund by the membership, as well as private donations. NSBE thanks all of the members, private donors and donating companies for their contribution to this scholarship fund.

This award is funded in part by grants from the Delphi Corporation.

Collegiate Scholars

Rose-Gaelle Belinga	Auburn Univ.	Software Engineering
Joshua I. Chukwuka	Morgan State Univ.	Mathematics
Gleneesha Johnson	Univ. of Maryland	Computer Science
Jelece E. Morris	Univ. of Florida	Computer Engineering
Sammy Mudede	Huston-Tillotson College	Computer Science
Luscalors Lucien Nana Yobo	California State Univ	Geology
Marlene W. Ouayoro	George Mason Univ.	Mathematics
Ryan I. Ross	Chicago State Univ.	Electrical Engineering
Hassan Sidibeh	Huston-Tillotson College	Civil Engineering
Lazarus O. Uzoечи	Tennessee Tech Univ.	Electrical Engineering

High School Scholars

Carlos B. Barksdale, II	White Station High School	Memphis, TN / Undecided
Gabrielle B. Cazeau	Atholton High School	Laurel, MD / ChE
Wynton J. El	Cibola High School	Albuquerque, NM / EE or CompE
Chika S. Nna	Framingham High School	Framingham, MA / EE
Benjamin O. Osoba	Eastside High School	Gainesville, FL / ME

International Studies Scholars

Award: \$500

Aaron Haile	Ryerson Univ.	Electrical Engineering / Canada
Jasmine Jones	Univ. of Maryland	Computer Science / Australia

Leroy Callendar Award – PCI

Aryeh L. Alexander

Ithaca High School

Award:**\$500**

Ithaca, NY

NSBE FELLOWS SCHOLARSHIP PROGRAM

The NSBE Fellows Scholarship Program is a three tiered-scholarship program that provides scholastic motivation to achieve and serves as a tool to encourage members to continue to strive for academic excellence, while developing professional and leadership skills through organization and community involvement. The awards are given to student members who have demonstrated high scholastic performance, dedicated service to the Society and other organizations, and who possess high professional promise. The three award tiers are:

Board of Corporate Affiliates (BCA) Scholar	\$3,000
Major Sponsors Scholars	\$1,500
NSBE Fellows	\$1,000

BCA Scholar Sponsoring Companies – The Board of Corporate Affiliates

3M

Accenture

BAE Systems

Battelle

Bechtel Corporation

The Boeing Company

Boston Scientific Corporation

BP

Caterpillar, Inc.

Chevron Corporation

Cisco Systems, Inc.

The Clorox Company

Cummins Incorporated

The Dow Chemical Company

DuPont

Eli Lilly and Company

EMC Corporation

ExxonMobil Corporation

Genentech, Inc.

General Electric Company

General Mills, Inc.

Harley-Davidson Motor Company

Hewlett-Packard Company

IBM Corporation

Intel Corporation

Lockheed Martin Corporation

Merck & Co., Inc.

Northrop Grumman Corporation

Pacific Gas and Electric Company

Raytheon Company

Rockwell Collins, Inc.

Texas Instruments Incorporated

Toyota Motor Engineering & Manufacturing of North America

United States Coast Guard
 United States Navy
 United States Steel Corporation
 United Technologies Corporation

BCA Scholars (37)

Brandi J. Andrews	Oklahoma State Univ.	Industrial Engineering
Anthony O. Awojoodu	Univ. of Virginia	Biomedical Engineering
Blair Baldrige	Oklahoma State Univ.	Computer Engineering
Nimota R. Bello	Morgan State Univ.	Biomedical Engineering
Sheela W. Blaise	Stevens Inst. of Tech.	Engineering
Ayanna N. Campbell	Rutgers State Univ.	Chemical Engineering
Ugwem Eneyo U	niv. of Illinois	Civil & Environmental Engineering
Sylvester O. Ezeani, Jr.	Univ. of Pittsburgh	Computer Science
Patrice Gregory	Univ. of Maryland	Mechanical Engineering
Talore D. Harrison	NC A&T State Univ.	Industrial Engineering
Segun L. Isaac	Benedict College	Chemistry / Chemical Engineering
Alexandria Langford	Univ. of So. California	Astronautical Engineering
David. W. Lanier	Wayne State Univ.	Industrial Engineering
Ryan F. Leon	Morehouse College	Applied Physics
Alfonza R. Lewis, Jr.	Darton College	Computer Science
James D. Lindsey	NC A&T State Univ.	Civil & Architectural Engineering
Michael J. Locastro	Univ. of Maryland	Computer Engineering
Jarell T. Mason	Pennsylvania State Univ.	Electrical Engineering
Jean G. Maurice	Tuskegee Univ.	Electrical Engineering
Shadeequa Miller	Univ. of Wisconsin	Industrial & Systems Engineering
Ashleigh D. Newman	Virginia Polytechnic Inst. & State Univ	Civil Engineering
Babatunde O. Ogunfemi	Northeastern Univ.	Electrical & Computer Engineering
Temi Oluwo	Johns Hopkins Univ.	Information Systems Engineering
Oli Ononye	Washington Univ	Chemical Engineering
Eguono Onoyovwi	McGill Univ.	Electrical Engineering
Stanley I. Onyewuchi	Clarkson Univ.	Electrical Engineering
Kevin L. Prival	Univ. of Florida	Industrial & Systems Engineering
Marcus Pyles	Wichita State Univ.	Aerospace Univ.
Janelle A. Robinson	Univ. of Michigan	Chemical Engineering
Kevin Rodriguez	Univ. of Houston	Chemical Engineering
Jessica C. Rogers	NC State Univ.	Chemical Engineering
Daniel A. Rossman	Arizona State Univ.	Civil Engineering
Ronald E. Stubblefield	Morehouse College	Applied Physics
Auresa Thomas	Univ. of Michigan	Biomedical Engineering
Angelique T. Turner	Univ. of Michigan	Engineering Management
David L. Willis	Benedict College	Civil Engineering
Velencia J. Witherspoon	Florida A&M/Florida State Univ.	Chemical Engineering

Major Sponsors Scholar Sponsoring Companies

Abbott
 Apple Incorporated
 Delta Airlines
 Eaton Corporation
 Goldman Sachs
 John Deere

NAVSEA
Praxair, Incorporated
Procter & Gamble
Wal-Mart Stores, Incorporated

Major Sponsors Scholars (10)

Keith R. Boykin	Univ. of Florida	Mechanical Engineering
Bianca R. Brandveen	Virginia Polytechnic Inst/State Univ	Mechanical Engineering
Simpson E. Gregoire	Univ. of Virginia	Chemical Engineering
Brian D. Hayes	GA Tech	Computer Engineering
Kennda Lynch	Colorado School of Mines	Environmental Engineering
Miresha D. McClendon	Oklahoma State Univ.	Chemical Engineering
Lindsay N. Roberts	The Ohio State Univ.	Chemical & Biomolecular Engineering
Nirajan Sharma	University of New Orleans	Naval Architecture
Tiffany Smith	Stevens Institute of Tech.	Civil Engineering
Daron R. Spence	Grambling State Univ.	Technology

NSBE Fellows (10)

Sean M. Allen	NC A&T State Univ.	Civil Engineering
Dewey Amos	Pennsylvania State Univ.	Civil Engineering
Aishah Ayaz	Univ. of Maryland	Mechanical Engineering
Gabrielle Brown	Oklahoma State Univ.	Industrial Engineering
Carlyle Davis	Harvard Univ.	Materials Engineering
Lauren Mayer	Stevens Institute of Tech.	Biomedical & Electrical Engineering
Brian F. Miller	Univ. of Toledo	Engineering
Adedamola O. Omotosho	Virginia Polytechnic Inst. & State Univ.	Computer Science
Eryn N. Richmond	Western Michigan Univ.	Engineering Management
Kassandra Stephens	GA Tech	Aerospace Engineering