

16TH ANNUAL NSBE

Golden Torch

AWARDS



INDIANAPOLIS, INDIANA

MARCH 30, 2013

NATIONAL SOCIETY OF BLACK ENGINEERS



ABOUT NSBE

The National Society of Black Engineers (NSBE) is the premier organization serving blacks in engineering and technology. With more than 35,000 members and more than 400 chapters nationwide and abroad, NSBE supports and promotes the aspirations of university and pre-college students and technical professionals. Its mission is "to increase the number of culturally responsible black engineers who excel academically, succeed professionally and positively impact the community."

"HONORING OUR PAST, DRIVING OUR COMMUNITY FORWARD"

The NSBE Golden Torch Awards recognize excellence among technical professionals and organizations; corporate, government and academic leaders, and university and pre-college students. These awards illustrate the possibilities that can be cultivated by support and responsibility.

Visit our website at www.nsbe.org or e-mail us at gta@nsbe.org for more information.

SPECIAL ACKNOWLEDGEMENTS

16th Annual NSBE Golden Torch Awards Event Producer
The Baker Group, Inc. in partnership with First Option Entertainment

United States Navy, Diamond Sponsor

NSBE 2013 Selection Committee

NSBE World Headquarters Staff

THE NATIONAL SOCIETY OF BLACK ENGINEERS EXTENDS ITS

CONGRATULATIONS

TO THE RECIPIENTS OF THE 16TH ANNUAL
NSBE GOLDEN TORCH AWARDS.

The net proceeds from the NSBE Golden Torch Awards sponsorships are used to create college scholarships for gifted high school students planning to study math, science, engineering or technology.

TABLE OF CONTENTS

ABOUT NSBE	1
16TH ANNUAL NSBE GOLDEN TORCH AWARD HONOREES	4
MISTRESS OF CEREMONIES	6
KEYNOTE SPEAKER	7
16TH ANNUAL NSBE GOLDEN TORCH AWARDS PROGRAM	8
ACADEMIC AWARDS	9
Pre-College Initiative Students of the Year	
Pre-College Initiative Program of the Year	
Pre-College Initiative Director of the Year	
Graduate Student of the Year	
Mike Shinn Distinguished Members of the Year	
Dr. Janice A. Lumpkin Educator of the Year	
Lifetime Achievement in Academia	
PROFESSIONAL AWARDS	19
Golden Torch Legacy Award	
Distinguished Engineer of the Year	
Lifetime Achievement in Government	
Pioneer of the Year	
Lifetime Achievement in Industry	
Outstanding Woman in Technology	
Alumni Extension Member of the Year	
ORGANIZATIONAL AWARDS	28
Corporate Community Service	
Corporate/Education Partnership	
Government Diversity Leadership	
NSBE NATIONAL SCHOLARSHIP RECIPIENTS	31
NSBE FELLOWS SCHOLARSHIP RECIPIENTS	35



2013 NSBE GOLDEN TORCH AWARD RECIPIENTS

GOLDEN TORCH LEGACY AWARD

Pat Walker Locke

President, Life Plan Services LLC and Seeds of Humanity Foundation Inc.

Joseph Irwin Miller

(Awarded Posthumously)

Former Chairman and Chief Executive Officer, Cummins Inc.

Earl Shipp

Vice President and Site Director of Texas Operations, The Dow Chemical Company

CORPORATE COMMUNITY SERVICE

Key Link Technologies

GOVERNMENT DIVERSITY LEADERSHIP

Space and Naval Warfare Systems Command

CORPORATE EDUCATION PARTNERSHIP

Pacific Gas and Electric Company

DISTINGUISHED ENGINEER OF THE YEAR

Cameron D. Dryden

Business Area Manager Systems and Service

Northrop Grumman Adaptive Optics Associates Xinetics

GRADUATE STUDENT OF THE YEAR

Chinyere Mbachu

Ph.D. Candidate, Chemical Engineering, Tennessee Technological University

DR. JANICE A. LUMPKIN EDUCATOR OF THE YEAR

United States Military Academy – West Point, Department of Mathematical Sciences

LIFETIME ACHIEVEMENT IN ACADEMIA

James M. Rosser, Ph.D.

President, California State University, Los Angeles

LIFETIME ACHIEVEMENT IN GOVERNMENT

Ray I. Fields

Deputy Major Program Manager, PEO IWS, Advanced Technology Directorate,
Naval Sea Systems Command

PIONEER OF THE YEAR

Toni K. Brown

Senior Manager, Assembly and Integration Technology, Boeing Research and Technology Engineering, Operations, and Technology, The Boeing Company

LIFETIME ACHIEVEMENT IN INDUSTRY

Joseph B. Anderson Jr.

Chief Executive Officer and Chairman, TAG Holdings, LLC

PRE-COLLEGE INITIATIVE DIRECTOR OF THE YEAR

Sybil Y. Brown, Ph.D.

Teacher and Advisor. Northland High School, Columbus, Ohio

PRE-COLLEGE INITIATIVE PROGRAM OF THE YEAR

Martinsville and Henry County NSBE Jr. Chapter, Martinsville, Virginia

PRE-COLLEGE INITIATIVE STUDENT OF THE YEAR (MALE)

Darius R. Simington

Martinsville and Henry County NSBE Jr. Chapter, Martinsville, Virginia

PRE-COLLEGE INITIATIVE STUDENT OF THE YEAR (FEMALE)

Joi Stevens

San Antonio City Wide NSBE Jr. Chapter, San Antonio, Texas

OUTSTANDING WOMAN IN TECHNOLOGY

Jamesha J. Parks

Systems Engineer, and System Safety Engineer, Northrop Grumman Aerospace Systems

MIKE SHINN DISTINGUISHED MEMBER OF THE YEAR (FEMALE)

Sarah Brown

Ph.D. Student, Electrical Engineering, Northeastern University

MIKE SHINN DISTINGUISHED MEMBER OF THE YEAR (MALE)

James Lindsey

Master's Degree Student, Structural Engineering, University of Arkansas

ALUMNI EXTENSION MEMBER OF THE YEAR

Sheila Alves

NSBE Richmond, Virginia Alumni Chapter

Internal Audit Director, Virginia Information Technologies Agency



LIFETIME ACHIEVEMENT IN INDUSTRY

JOSEPH B. ANDERSON JR.

Chief Executive Officer and Chairman
TAG Holdings, LLC

Joseph B. Anderson Jr. was born in Topeka, Kan., and graduated from the United States Military Academy in 1965 with a Bachelor of Science degree in math and engineering. He subsequently received two master's degrees from the University of California, Los Angeles in 1972 and 1973 and attended the Army's Command and General Staff College in 1977. He also is a 1984 graduate of the Harvard Advanced Management Program.

During his military career, Anderson commanded troops as an infantry officer in the 82nd Airborne Division and served two tours of duty with the 1st Cavalry Division in Vietnam. In addition to troop command, he served as aide-de-camp to two general officers, and he was an assistant professor in the Department of Social Sciences at West Point.

Anderson and the infantry platoon he commanded in Vietnam were subjects of the highly acclaimed documentary film "The Anderson Platoon," which has been shown in more than 20 countries and has won several prizes, including an Academy Award and an Emmy for the "Best Documentary Film of 1967." Anderson's military awards include two silver stars, five bronze stars, three Army Commendation Medals and 11 Air Medals.

In 1977, Anderson was selected to be a White House Fellow and worked in this capacity as special assistant to Secretary of Commerce Juanita Kreps. He resigned his Army commission the next year, after 13 years of service and early selection for promotion to lieutenant colonel.

Anderson began his business career with General Motors at Pontiac Motor Division, in 1979. Eleven years later, he was appointed general director, Body Hardware Business Unit, Inland Fisher Guide Division, General Motors Corporation, a business unit with 7,000 employees and revenue of \$1 billion. In late 1992, he resigned from General Motors to become president and chief executive officer of Composite Energy Management Systems, Incorporated. In October 1994, he acquired a controlling interest in another privately held entity, Chivas Products Limited, which manufactured interior trim products and lighting assemblies principally for the automotive industry. In 1997, the company was restructured as Chivas Industries, LLC, in which Anderson maintained controlling ownership and held the position of chairman of the board and CEO before divesting his interest in 2002.

He is now the majority owner, chairman and CEO of TAG Holdings, LLC, which owns several manufacturing-, service- and technology-related entities based in North America. These entities serve a variety of industries, including automotive, heavy equipment, aerospace, defense, and recreational vehicles.