bdpatoday

VOLUME XL ISSUE 02

BLACK HISTORY MONTH | BDPA@40

BALTIMORE, MD—*Career Communications Group (CCG)* and General Motors (GM) announced GM's Vice President of Global Design Ed Welburn received the Black Engineer of the Year Award at this year's Becoming Everything You Are (BEYA) STEM conference in Washington, D.C.

Some 6,500 conference attendees – students, educators and industry representatives –watched Saturday evening as GM Board of Directors member Errol Davis and Executive Vice President of Global Product Development, Purchasing and Supply Chain Mark Reuss, presented industry's top award to Welburn. He is the first African American to lead a global automotive design organization and first GM employee to receive this top honor.

◁   GM's Vice President of Global Design Ed Welburn received the Black Engineer of the Year Award (BEYA) at this year's 29th annual BEYA STEM Conference in Washington, D.C.

Photo credit: *GM*

Are Hackathons the *New* HSCC?
BDPA Chapter Cities Prepare Local Teams for the next National High School Computer Competition | HSCC

OAKLAND, CA—Qeyno Labs is the leading provider of high profile, mindfully inclusive high youth hackathons for larger scale organizations and companies like *Yes We Code*, **UNCF,** *Essence*, **Google**, **Facebook**, **Salesforce**, and others.

What is a Hackathon?
Qeyno describes Hackathons as collaborative event venues that 'gather together technologists (coders), artists (designers), and problem solvers (innovators) to brainstorm, design and build a web or mobile apps that can launch a business, change the world, or both.'

Diversity and TECH Inclusion
National BDPA's High School Computer Competition (HSCC) series, launched in 1986, provides scholarship and internship opportunities for BDPA Student Members and chaperons interested in application development. New hackathons powered

CyberWatch Staff and ▷ BDPA Student Members from Prince George' Community College (PGCC) Cyber Challenge teams hosted cyber security and network operations primers with students at Bowie State University. Each year, during the first weekends in May near Seat Pleasant, Maryland just outside of Washington, D.C., Patriots Technology Training Center (PTTC) staff and chaperons co-host workshops with regional HBCUs and Minority Institutions.

PTTC Youth STEM Summits include interactive displays and youth competitions with industry, academia. BDPA Members engage local communities while encouraging students grades 5 through 12 to pursue STEM careers in I.T. and Cyber.
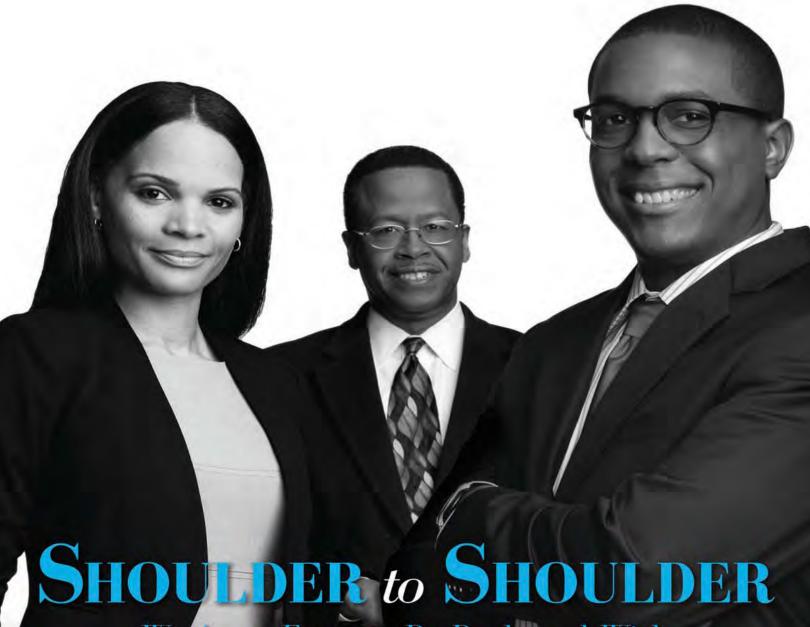
Photo © *bdpatoday*

◁ Top coders from local BDPA Chapters across America showcase their skills inside the "War Room" during the 2013 National BDPA High School Computer Competition hosted by BDPA Indianapolis.

© BDPA
Photo credit -- *Charlie Perkins*

SHOULDER *to* SHOULDER
We Are a Force to Be Reckoned With

For us diversity is a whole lot more about character and life experience than about who your parents are. We're looking for talented professionals, like you, who bring skill and commitment to the workplace, as well as the perspective and creativity that comes from authentic cultural backgrounds. That's the diversity we seek. That's the diversity that makes us strong and feeds our success. And at 180,000 strong we are a force to be reckoned with.

afciviliancareers.com/bdpa

Equal Opportunity Employer. U.S. citizenship required. Must be of legal working age.

AIR FORCE
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navy

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xerox

hscc

bdpatoday

America Welcomes Its
Next First Family

white house

IT showcase

microsoft

August 17-23, 2015 | Washington, D.C.

bdpa.org

ABOUT US

BDPA, formerly known as *Black Data Processing Associates*, was founded in 1975 to promote professional growth and technical development to those in or entering information and communications technology (ICT) career fields and related industries. Now in its 40th year (Volume **XL**) National BDPA (NBDPA) and participating local BDPA Chapters publish quarterly or monthly newsletters. For newsletter or web portal advertising rates, publication schedules, online calendars, and newsletters, contact regional or local BDPA Chapters by visiting **bdpa.org** or by calling 301.584.3135.

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Chapter publications, such as **bdpatoday**, are available for online publishing of ICT industry, chapter news, and community IT, Cyber, and STEM events. Forward advertisements, articles, calendar of events, or images with captions and credits to: **info@bdpatoday.org**. Readers may use NBDPA Groupsite calendars, enhanced by Groupsite.com to review local events or visit **www.bdpatoday.org.** Advertisements, articles, announcements, OP-EDs, tweets, re-tweets, or following National BDPA on social media does not constitute an endorsement. Contributor opinions are not necessarily those of National BDPA, local BDPA Chapters, nor **bdpatoday**.

itsmf | **INFORMATION TECHNOLOGY SENIOR MANAGEMENT FORUM**

Fostering the career growth
of African-American executives

1Q15 IT Senior Management Symposium | **February 5 – 7, 2015**

ITSMF's mission is to increase the level of African-American representation at senior-levels of IT through executive leadership development programs, networking initiatives, formal mentoring and strategic partnerships.

In February of 2015, the Information Technology Senior Management Forum (ITSMF) will convene its first quarter (1Q15) IT Senior Management Symposium in Atlanta, Georgia.

Continue and accelerate your journey to the C-Suite while exploring timely and relevant topics critical to your professional development. Throughout the year members and corporate partners gather at Symposiums, networking events and conferences to build rewarding professional and personal relationships. Learn, share and network with other Technology executives in an atmosphere of trust, camaraderie and openness. **bt**

CELEBRATING 40 YEARS OF IT AND DATA PROCESSING

JOIN OVER 40 CITIES, BDPA CHAPTERS, AND INDUSTRY PARTNERS IN WASHINGTON, D.C.

NATIONAL BDPA | SINCE 1975, ADVANCING TECHNICAL CAREERS FROM THE CLASSROOM TO THE BOARDROOM

BDPA**XL**

BDPA XL

International Technology Conference and Career Expo
August 17-23, 2015   Washington Hilton   bdpa.org

Your site for this year's 40th Anniversary (BDPAXL) and National BDPA's annual Technology Conference is Washington, District of Columbia—with BDPA Washington, D.C. (BDPA-DC) and BDPA Northern Virginia (BDPA NoVA) serving as industry's Host Chapters.

The Washington Hilton is the official headquarters hotel for this special assembly, Career Fair, Technology Expo, National High School Computer Competition (HSCC) scholarship round, National IT Showcase (ITSC) scholarship round, National Mobile App Development scholarship round, and the annual national Youth Technology Camp (YTC).

Due to significant VIP events in the Nation's Capital during BDPAXL, attendees are asked to pre-register early. Complete travel and lodging reservations for chapters, student teams, 40th anniversary events, career expo exhibit spaces, video commercials and publication advertisements on or before June 1, 2015.

corpsales@bdpa.org
fedsales@bdpadc.org

HACKATHONS & National HSCC

Photo credits:
Qeyno Labs and ***#YesWeCode*** ▷

Local BDPA Mobile App, AppDev, and HSCC teams may co-host and sponsor regional hackathons with local BDPA Chapters and industry stakeholders

National HSCC *from* *Cover Page*

Qeyno Labs include Black, Latino, Native-American and under-represented Asian and Pacific Islanders who identify as male and are inclusive of transgender youth, women, and girls.

A majority of youth participants, referred to as "Trailblazers", normally spend three days on teams working alongside adult professionals supporting them as they build websites and mobile apps that will positively impact their respective communities and improve their life outcomes.

bdpatoday

National HSCC ▶ Coders Enter 29th Season

LARGO, MD — Each fiscal year, local BDPA Chapters conduct technical training programs for area youth in their respective communities. These programs are designed to expose young men and women to the concepts of computer science and provide them with shared expertise from industry to develop mobile, web, and enterprise applications. Local BDPA Chapters also participate in regional AppDev and programming competitions throughout the country to further prepare participating students for BDPA's annual National HSCC Scholarship round. Each BDPA chapter is able to send one team of 3 to 5 BDPA Student Members to the National Conference to compete against teams from other chapter cities across America.

The BDPA National High School Computer Competition, (HSCC), was founded in 1986 by **Dr. Jesse Bemley** (inset), of Washington, D.C. What started as a two-team event between Washington, D.C. and Atlanta, GA BDPA Chapters has grown to over 25 teams of various high school students from BDPA Chapters throughout the nation. It's all designed to introduce our Youth to the field of Information

Dr. Jesse L. Bemley

RESOURCE TIME LINES

- *Students join local BDPA Chapters via* **BDPA.ORG**

- *Interested BDPA Student members, instructors, coaches, and chaperons apply for HSCC team participation in the fourth quarter of each calendar year*

- *Sponsors and industry stakeholders plan event calendars with budgets in the fourth quarter with local BDPA Chapters and HSCC Program Managers*

- *Training for most local BDPA Chapters begin early in the first quarter of each calendar year*

- *HSCC Teams are formed with eligible BDPA Chapters from major cities to pre-register for and qualify for Regional and National HSCC events to be conducted in the third quarter of each calendar year.*

Technology, encourage them to seek higher levels of education, and groom many of them to become our next generation of IT professionals.

Once at the National Conference, students to attend Industry Workshops and Professional Development Seminars covering topics related to Academic Achievement, Industry Certifications, Security Clearances, Youth Entrepreneurship and Information Technology. Students participate in activities which include, Corporate Sponsored luncheons and receptions, visits to local attractions in the Host BDPA Chapter's city (i.e. data centers, museums, and college tours), and power-networking events with IT Professionals and other BDPA students from around the world. **bt**

2015 HACKATHONS
POWERED BY
QEYNO.COM

FEBRUARY 20-22 | **OAKLAND, CA**
MBKHack

MARCH 13-14 | **AUSTIN, TX**
HACK @ SXSW

APRIL 24-26 | **ST. LOUIS, MO**
Hack The Walls

JUNE | **ALBUQUERQUE**
MBKHack

AUGUST | **BROOKLYN**
UbuntuHack

SEPTEMBER | **SAN FRANCISCO**
MBKHack

OCTOBER | **DETROIT, MI**
MBKHack

NOVEMBER | **MOBILE, AL**
Hack The Walls

DECEMBER | **ACCRA, GHANA**
Qeyno Global

Heading to a BDPA Chapters near you, Qeyno's network of partners provide support to their hackathons as they launch new (and returning) events around the globe. **bt**

Source:
Qeyno Labs, Inc.

YES WE CODE

OAKLAND, CA—**#YesWeCode** is a movement to help train 100,000 low-opportunity youth to become world-class computer coders.

Many have been searching for ways to uplift today's urban youth and help them achieve a more promising future. We believe that one solution lies in connecting tech and social justice leaders to spearhead revolutionary tech programs whose benefits extend to the most disadvantaged of society.

The **#YesWeCode** initiative targets low-opportunity youth and provides them with the necessary resources and tools to become world-class computer programmers. By learning this highly valuable and relevant 21st century skill, these young people are shifting the trajectory of their futures and transforming their relationships with their communities and their country.

(Above L-R) **Kalimah Priforce** △
co-founder ***Qeyno Labs, Inc.***

Amy Fields Cliett,
first ***Qeyno Fellow*** (2014),

and **Van Jones**,
Creator, **#YesWeCode**

MBKHack Philadelphia ▷
Photo credits: **#YesWeCode** and ***Qeyno Labs***

BEYA STEM
GLOBAL COMPETITIVENESS CONFERENCE

2015 BEYA Award Recipients
BEYA STEM Conference

Edward Welburn
Vice President, Global Design
General Motors Company
Black Engineer of the Year

Jacqueline Toussaint-Barker
Chief, Commander's Action Group
Air Force Research Laboratory
Career Achievement - Government

Ernest Levert
Lockheed Martin Fellow
Lockheed Martin Corporation
Career Achievement - Industry

Debra Coleman
Senior Electrical Systems Engineer
The Boeing Company
Community Service

Tizoc Loza
Corporate Manager, Supplier Diversity
Programs/HBCU/MI/Gov't Relations
Northrop Grumman Corporation
Corporate Promotion of Education

Gayla Turner McMichael
Outreach and Diversity Program Manager
U.S. Army AMRDEC
Corporate Promotion of Education

Ozzie Pierce
Interim Vice President, Global Diversity and Employee Rights
The Boeing Company
Dave Barclay Affirmative Action

Marvin Carr
Systems Engineer & Project Manager
Innovative STEM Solutions, LLC
Deans' Award

Andre Douglas
Naval Architect/Salvage Engineering Response Team Duty Officer
U.S. Coast Guard
Most Promising Engineer - Government

Jane Odero
Senior Systems Engineer II
Raytheon Company
Most Promising Engineer - Industry

Anthony Plummer, Ph.D.
Section Supervisor
The Johns Hopkins University Applied Physics Laboratory
Most Promising Engineer - Industry

Marc Fulson
Acting Deputy Branch Chief
U.S. Air Force
Outstanding Technical Contribution - Government

Doretha Green
Technical Manager, Industrial Engineer, GS-13
U.S. Army
Outstanding Technical Contribution - Government

Daby Sow, Ph.D.
Exploratory Clinical Analytics and Systems
IBM Research
Outstanding Technical Contribution - Industry

Philip Lovell
Fellow Mechanical Engineer
Northrop Grumman Corporation
Outstanding Technical Contribution – Industry

Carol Bennett
Senior Program Manager
General Dynamics
President's Award

Tiffany Rivera
Program Element Monitor
U.S. Air Force
Professional Achievement - Government

Michael Sterling, Ph.D.
Chief, Water Management & Infrastructure Safety Branch H&H
U. S. Army Corps of Engineers - SWD
Professional Achievement - Government

Shelvy Marbury
Area Manager Network Engineering
AT&T
Professional Achievement - Industry

Alejandro Diaz, Ph.D.
Systems Engineer, Advanced Space Exploration
Professional Achievement – Industry

LoGina Davis
Senior Cloud Solutions Architect
AT&T Communications
Technical Sales and Marketing

Emmanuel Collins, Ph.D.
Chair, Mechanical Engineering Department
FAMU-FSU College of Engineering
College-Level Promotion of Education

Pamela McCauley, Ph.D.
Professor & Director of the Ergonomics Laboratory
University of Central Florida College of Engineering and Computer Sciences
College-Level Promotion of Education

Erica Watson
Science/STEM Teacher
New London Public Schools
K-12 Promotion of Education

Akua Kouyate-Tate
Senior Director, Education
Wolf Trap Foundation for the Performing Arts
K-12 Promotion of Education

Charles Kamhoua, Ph.D.
Work Unit Manager
Air Force Research Laboratory
Special Recognition

BEYA STEM
GLOBAL COMPETITIVENESS CONFERENCE

Reginald Hobbs, Ph.D.
Associate Director for Experimentation, CISD
Army Research Laboratory (ARL)
Special Recognition

Marvy Moore
AVP, Market Development, Advanced Solutions - AT&T
Business Solutions
AT&T
Special Recognition

Bruce Davis
Project Chief - Electrical Systems and Components Vehicle
Integration
Chrysler Group LLC
Special Recognition

Michelle Blaise
Senior Vice President of Technical Services
Exelon
Special Recognition

Cindy Brock
JMC Lead Safety Engineer
Joint Munitions Command
Special Recognition

Karmyn Norwood
Systems Engineering Director
Lockheed Martin Corporation
Special Recognition

Zachary Barnett
Engineer Software 3- Agile Lead
Northrop Grumman Corporation
Special Recognition

Bryan Scott
Director of Quality, Boeing Military Aircraft
Boeing Defense, Space & Security
Special Recognition

2015 International Technology Conference and Career Expo

BDPA Washington Hilton

40TH ANNIVERSARY CELEBRATION

Washington, D.C. ● August 17-23, 2015

Up Next | Calendar of Events

▶ **Black Engineer of the Year Awards (BEYA) STEM Conference**
February 5-7, 2015 – Washington Marriott Wardman Park
Washington, D.C. | **Host Chapter:** BDPA-DC/BDPA NoVA

▶ **National BDPA Board of Directors Meeting**
February 7, 2015 – Atlanta
Atlanta, GA | **Host Chapter:** BDPA Atlanta

▶ **Innovation Summit & State of The Chapter**
February 18, 2015 – Philadelphia
Philadelphia, PA | **Host Chapter:** BDPA Philadelphia

▶ **#MBKHACK Oakland**
February 20-22, 2015 – Oakland
Oakland, CA | **Host Chapter:** BDPA Bay Area

▶ **HACK @ SXSW**
March 13-14, 2015 – Austin
Austin, TX | **Host Chapter:** BDPA Austin

▶ **25th Annual National Small Business Procurement Fair**
April 15, 2015 – Washington Convention Center
Discover more ▶ OSDBU.gov
Washington, D.C. | **Host Chapter:** BDPA-DC

▶ **CYBER is Me**
April 30, 2015 – Bowie State University
Discover more ▶ bdpadc.org
Bowie, MD | **Host Chapter:** BDPA-DC

▶ **DevCon5 HTML5 & Mobile App Developers Conference**
July 21-22, 2015 – The Kimmel Center @ NYU
New York, NY | **Host Chapter:** BDPA New York

▶ **XSEDE15 (**formerly **TeraGrid Conference)**
July 26-30, 2015 – Marriott Renaissance St. Louis Grand Hotel
St. Louis, MO | **Host Chapter**: BDPA St. Louis

▶ **Black Hat Hacking Conference** (AUG 1-6) + **DEFCON 23** (AUG 6-9)
August 1-9, 2015 – Mandalay Bay, Las Vegas
Discover more ▶ DEFCON.org
Las Vegas, NV | **Host Chapter:** BDPA Nevada

▶ **National BDPA Technology Conference**
August 17-23, 2015 – Washington Hilton
Discover more ▶ BDPA.org
Washington, D.C. | **Host Chapter**: BDPA-DC/BDPA NoVA

Annual BDPA Technology Conference & Career Expo
A 40th ANNIVERSARY EVENT | **Washington** ● AUG 17-23, 2015

WASHINGTON, D.C.—This year's International BDPA Technology Conference Host Chapters are BDPA Washington, D.C. (BDPA-DC) and BDPA Northern Virginia (BDPA NoVA). Members, Professionals, and Students attending this year's career fair will discover top employers from our Information and Communications Technology (ICT) industry's high growth market segments.

Attendees are afforded numerous opportunities to network with IT professionals from all vertical markets and take full advantage of National BDPA's resources designed to enhance relationship building with hiring managers or corporate buyers. Moreover, senior IT and cybersecurity career opportunities with national job searches are provided to enhance professional and academic IT careers.

BDPA Sponsors and Exhibitors leverage opportunities to enhance their visibility across STEM, ICT, Cloud, Big Data, and Cybersecurity special interest groups (SIGs) to identify and recruit new hires directly from top talent pools available from BDPA Chapters and chapter cities across America.

Our National High School Computer Competition (HSCC) and collegiate IT Showcase (ITSC) programs also provide opportunities for industry and academia to directly connect with students from local BDPA chapters, including qualified HSCC and ITSC student pipelines, to close digital divides and develop tomorrow's IT workforce. Whether you are in the job market or not, don't miss National BDPA's 37th Annual Technology Conference, Career Expo, Chapter Reunions, and 40th Anniversary events in Washington this August.

Since 1975, National BDPA continues to expand professional development and student programs while advancing technical and ICT careers *from the Classroom to the Boardroom*. **bt**

BDPA@40

Our History

Founded in Philadelphia, Pennsylvania as Black Data Processing Associates in 1975 by Earl A. Pace, Jr. and the late David Wimberly (photo not available), BDPA was created to bring underrepresented minorities together who were working in the information technology and computer science field for the purpose of professional development and academic enrichment.

Our Accomplishments

- BDPA co-founder Earl Pace is inducted into the CompTIA IT Hall of Fame
- BDPA is celebrates its 40th year anniversary in 2015 from August 17-23 at the Washington Hilton
- BDPA is the largest professional technology organization for Blacks/African Americans and other minorities in the United States
- BDPA has grown to 45 chapters across the United States, providing nurturing environments for minorities in IT to network with other IT professionals, gain exclusive boardroom leadership experience at the local chapter or national levels, and strengthening industry leadership skills necessary to advance IT careers
- BDPA has become a critical pipeline of diverse talent for employers across all vertical markets requiring qualified Information Technology professionals in the United States (CONUS) and abroad
- BDPA annually trains 800 to 1200 high school students across the nation in computer programming, web design, and app development; BDPA has trained more students to write code than any other non-profit organization in the United States since 1986
- BDPA has a scholarship and internship program generously supported through industry sponsorships, offering over $100,000 in cash awards to high school and college Student Members of BDPA
- BDPA amasses the most significant accumulation of minority IT and Cyber professionals in the United States during annual technology conference

BDPA Conference Registration Page

▶   http://www.bdpa.org

Photo Gallery & Success Story Board

▶   https://www.pinterest.com/bdpatoday/

1975-2015 │ BDPA 40th Anniversary

BDPA's success stories continue with industry during this year's 40th anniversary celebration (**#BDPAXL**), reunion, and international technology conference in Washington, D.C.

National BDPA Awards Gala, Atlanta Georgia—circa 1986

△   The 8th Annual National BDPA Technology Conference was held in 1986 at the Atlanta Peachtree Plaza hotel. Photo (L-R) Earl A. Pace, Jr, (Co-Founder, Black Data Processing Associates), Larry Calloway (1986 BDPA Atlanta chapter president), Juanita Goss (1986 BDPA conference director), Joshua Smith, CEO, Maxima Corporation (Keynote Speaker), Sheryl Gipson Franklin (1991-1992 BDPA Atlanta chapter president) and Norman Mays (past National BDPA President).

Photo: © 1986 BDPA

△ **BDPA Atlanta (GA)** - Open House and HSCC kick-off! BDPA Atlanta is 2014's **National BDPA Chapter of the Year.** Chapters in BDPA's Southeast Region own unique relationships with direct access to Engineering and Computer Science Departments at HBCUs and Minority Institutions.

△ **BDPA Northern Virginia (VA)** - Titus Thomas (right), BDPADC HSCC alumnus and Computer Science major at Bowie State University, wins a new XBox One from BDPA during a launch event at the Microsoft Store in Pentagon City.

△ **BDPA Triangle (NC)** - Lisa (Raven) Stephenson, a BDPA Greater Columbia (SC) Chapter Student Member and HSCC participant, receives a full NROTC scholarship in 2009 from the Honorable B.J. Penn (2nd from left), Acting Secretary of the Navy during Awards Gala in Raleigh, NC.

△ **BDPA New York (NY)** - HSCC, IT Showcase, and Youth Technology Camp students from New York visit Dell's team during the 2007 annual BDPA Technology Conference and Career Expo.

◁ **Great Moments with BDPA**
High School Computer Competition (HSCC) and *IT Showcase* (ITSC) creator, **Dr. Jesse L. Bemley** featured in local ad campaigns in the National Capital Region.

Watch new videos from BDPA, BETF, with other industry vignettes from events currently available to BDPA Members and viewers by visiting *bdpatoday* and *Popular Technology TV* (PTTV) channels on *Vimeo* and *Facebook*.

▶ https://www.facebook.com/groups/bdpatoday/
▶ https://www.vimeo.com/bdpatoday/

Read more at **www.bdpatoday.org**.

*Sources:* **BDPA, BETF, and PTTV**
Photos: Copyright © **BDPA** and **bdpatoday**

△ **BDPA Baltimore (MD)** - Students check in shortly after arriving from BWI Marshall airport to attend 2011 *National BDPA Technology Conference and Career Expo.* BDPA Baltimore served as industry's Host Chapter.

△ **BDPA Detroit (MI)** - Student Members from BDPA's Detroit, Michigan Chapter receive top awards and scholarhips during the 2011 National HSCC hosted by BDPA Baltimore.

△ **BDPA Hampton Roads (VA)** - Chief of Naval Operations (CNO), Admiral Gary Roughead, U.S. Navy (right), receives National BDPA's Lifetime Achievement Award from BDPA Hampton Roads President, Joe McMahon during 2010 Awards Gala, Philadelphia, PA.

△ **BDPA Los Angeles (CA)** - One component of National BDPA's technology inclusion program are computer camps for high school students that take place on Saturdays with volunteer instructors from industry. BDPA Los Angeles provides one of the fastest-growing programs. Regional Vice President John Malonson shares 'best practices' on BDPA's Blog.

◁ **Great Moments with BDPA**
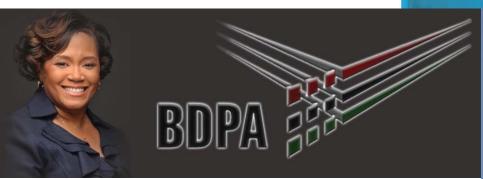
BDPA Chicago Chapter circa 1990 under the leadership of the late Ollie Morgan (2nd row, standing to the right.)

Watch new videos from BDPA or BETF, with other industry vignettes from events currently available to BDPA Members and viewers by visiting **bdpatoday** and **Popular Technology TV** (PTTV) channels on *Vimeo* and *Facebook*.

▶ https://www.facebook.com/groups/bdpatoday/
▶ https://www.vimeo.com/bdpatoday/

Read more at **www.bdpatoday.org**.

Sources: BDPA, BETF, and PTTV
Photos: Copyright © BDPA and bdpatoday
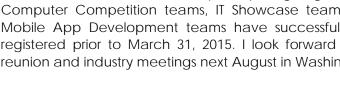
By virtue of the authority vested in me as National President of NBDPA and in accordance with the mandates of **Article VIII**, Sections **§8.1** and **§8.2,** of the National By-Laws for National BDPA; it is my distinct pleasure to announce the call for assembly of the *2015 Annual Delegates Meeting* and your *37th Annual National BDPA Technology Conference*.

Our site for this year's National BDPA Technology Conference shall be Washington, District of Columbia—with BDPA Washington, D.C. (BDPA-DC) and BDPA Northern Virginia (BDPA NoVA) serving as our Host Chapters. The Washington Hilton is your official headquarters hotel for our assembly, Career Fair, Technology Expo, National High School Computer Competition (HSCC) scholarship round, National IT Showcase (ITSC) scholarship round, National Mobile App Development scholarship round, and our annual national Youth Technology Camp (YTC.)

Said National BDPA Technology Conference shall take place during the time period August 17th through August 23rd, 2015—with our formal *40th Anniversary Banquet and Awards Gala* on the evening of Saturday, August 22nd, 2015. BDPA Chapters, BDPA members, Corporate Sponsors, and stakeholders are hereby notified of the time and place for 2015's National BDPA Technology Conference and Career Fair. Take full advantage of your annual memberships, discounts, and color sponsorships available to your organizations in our corporate portfolio and rate cards.

BDPA Chapters are directed to make appropriate plans to ensure their Executive Committees, Delegates, new members, student members, participating High School Computer Competition teams, IT Showcase teams, and Mobile App Development teams have successfully pre-registered prior to March 31, 2015. I look forward to our reunion and industry meetings next August in Washington!

Pamela Matthews
National President

BDPA@40

Corporate Sponsorship Programs

LARGO, MD—BDPA Corporate Sponsorship Program is designed to offer corporations, government agencies, and foundations opportunities to partner with local BDPA Chapters under a formal alliance to meet corporate goals and objectives for recruiting, employee development, technology inclusion, and philanthropic endeavors. The program allows corporate sponsors to not only offer financial support but also participate in programs developed to enhance the technical and professional skills of traditionally underserved communities.

Scope of Corporate Sponsorship Program
- Link BDPA strategic initiatives to global objectives of corporate stake holders
- Provide forums to directly interact with ICT industry leaders and professionals
- Increase exposure to new opportunities for technically competent and diverse IT professionals and students
- Enhance corporate branding and loyalty for employee and customer communities
- Provide corporations with National BDPA recognition across all communities and domains
- Provide a means for corporations to rapidly support BDPA professional development programs with local BDPA Chapter community objectives
- Prvide each corporation an entry point in support of National BDPA (NBDPA), local BDPA Chapter programs, and the BDPA Education and Technology Foundation (BETF

Primary Portfolio Areas
- Basic National Corporate Sponsor Package
- National Programs
- Student Membership and Scholarship Programs
- Tech+Career Advertising Opportunities
- Local BDPA Chapter Corporate Engagements
- BDPA In-Kind Community Relations + Donations

Partnership Levels
- Platinum Corporate Sponsor - $100,000
- Diamond Corporate Sponsor - $75,000
- Gold Corporate Sponsor - $ 50,000
- Silver Corporate Sponsor - $ 25,000
- Bronze Corporate Sponsor - $10,000
- Corporate Sponsor - $5,000

Social Media + Multimedia
- **PTTV** (STEM and ICT industry vignettes) - $3,500
bdpatoday Advertising (1-year | 12x) - $2,500

For more details on the corporate sponsorship program, contact corporate sales support teams by e-mail:

corpsales@bdpa.org, **fedsales@bdpadc.org**, or by calling customer service teams at (301) 584-3135.

— Sources: *National BDPA* and *bdpatoday*

△ Great Moments with BDPA

BDPA Washington DC High School Computer Competition (HSCC) team captains **Francisco Nunez** and **TurKenya Herring** were one of ten national finalists awarded scholarship funding in 2009 from Oracle Corporation to pursue degrees in the fields of science and technology. Scholarships were presented to each of the students during the local chapter's 2009 annual awards banquet. Mr. Nunez selected Morehouse College and Ms. Herring selected Bowie State University.

Photo: Copyright © **BDPA**

2015 ACM Richard Tapia Celebration of Diversity in Computing
Boston, MA
February 18-21, 2015

BOSTON, MA — Richard Tapia is a mathematician and professor in the Department of Computational and Applied Mathematics at Rice University in Houston, Texas. He is internationally known for his research in the computational and mathematical sciences and is a national leader in education and outreach.

At Rice, the NSF-supported Alliances for Graduate Education in the Professoriate has developed a supportive community of students and faculty members that gives advice on admissions to departments and provides students with formal and informal resources, support, and professional development. Professor Tapia is recognized as a national leader in diversity and has delivered numerous invited addresses at national and international mathematics conferences, served on university diversity committees, and provided leadership at a national level. Two professional conferences have been named in his honor, recognizing his contributions to diversity: Richard Tapia Celebration of Diversity in Computing conference and the Blackwell-Tapia Conference, whose founders described Tapia as a seminal figure who inspired a generation of African-American, Native American and Latino/Latina students to pursue careers in mathematics.

2015's Goal

The goal of the Tapia Conferences is to bring together undergraduate and graduate students, faculty, researchers, and professionals in computing from all backgrounds and ethnicities to:

- Celebrate the diversity that exists in computing;
- Connect with others with common backgrounds, ethnicities, disabilities, and gender so as to create communities that extend beyond the conference;
- Obtain advice from and make contacts with computing leaders in academia and industry;
- Be inspired by great presentations and conversations with leaders with common backgrounds.

This year's conference theme is *Diversity at Scale* as the Tapia Conference celebrates efforts to move diversity in all aspects of computing beyond conversation and study into full practice and implementation. As a community, we recognize that we must scale our diversity efforts to fully utilize computing to address the larger problems faced by today's society. **bt**

NATIONAL DATA SCIENCE BOWL

Booz Allen Hamilton and Kaggle Present…

The National Data Science Bowl

The Challenge

The first-ever National Data Science Bowl offers data scientists a platform through which individuals can harness their passion, unleash their curiosity and amplify their impact to affect change on a global scale.

Throughout the competition, participants will be asked to examine nearly 100,000 underwater images, provided by the Hatfield Marine Science Center. They'll use these images to develop an algorithm that will enable researchers to monitor species of plankton at a speed and scale never before possible. The resulting algorithm will serve as an estimated four million dollar in-kind donation and will be available to the marine research community for long-term reference and use.

The data scientists able to create the most accurate algorithm at the end of the 90 day period will be awarded cash prizes. All algorithms submitted through the Kaggle site will be judged via an automated scoring system for accuracy.

Competition Facts

- 90 day competition, from December 15, 2014 – March 16, 2015
- Open to participants 18 years or older
- $175,000 given in prize money to the top three individual contests and top academic team
- Website: www.DataScienceBowl.com
- For access to images and visual collateral, visit DataScienceBowl.com

Why Plankton

Extremely susceptible to changes in temperature and chemistry, a large and thriving plankton population is crucial for driving some of the planet's most life-sustaining processes. These organisms manage nearly half the total carbon in Earth's oceans and atmosphere and form the foundation for marine and terrestrial food chains. Rapid assessment of their populations will allow the scientific community to monitor ocean health at an unprecedented scale, an important step forward in understanding and protecting the environment.

NATIONAL
DATA
SCIENCE
BOWL

Passion. Curiosity. Purpose.

The Partners

Co-Sponsors

Booz | Allen | Hamilton

Booz Allen Hamilton has been at the forefront of strategy and technology consulting for 100 years. Today, Booz Allen is a leading provider of management consulting, technology, and engineering services to the US government in defense, intelligence, and civil markets, and to major corporations and not-for-profit organizations. Booz Allen brings its pioneering work in advanced analytics—and the industry-leading expertise of its more than 500-member data science team—to transform our clients' data into actions that keep them competitive in today's data-driven economy.

kaggle

Kaggle is the world's largest online data science competition community. With more than 232,000 active members across 194 countries, the Kaggle community uses its diverse set of academic backgrounds to solve complex data science problems. Working as individuals or in teams, the winning competitors are awarded prizes and industry recognition for their accomplishments. The top competitors are invited to work on the most interesting and sensitive business problems from some of the world's biggest companies through Masters Competitions.

Challenge Partner

Oregon State UNIVERSITY | Hatfield Marine Science Center

Now nearing its 50th year, the **Hatfield Marine Science Center** (HMSC) in Newport, Oregon has evolved into a leading marine laboratory distinguished by its collaborative research partnerships. Originally established as a marine laboratory for Oregon State University, HMSC currently hosts collaborative research and education programs from seven OSU colleges and six state and federal agencies on HMSC's 49-acre campus. With a combined budget of over $45M, HMSC is an important economic driver on the Oregon Coast.

Industry Partners

The National Data Science Bowl has been endorsed by the following organizations and institutions. We thank you for your support.

- Association for Computing Machinery (ACM)
- Bayes Impact
- Black Data Processing Association (BDPA)

- Code the Change
- Columbia University
- DataKind
- Great Minds in STEM
- INFORMS
- Institute of Electrical and Electronic Engineers (IEEE) Computer Society
- National Society of Black Engineers (NSBE)

- Society of Asian Scientists & Engineers (SASE)
- Society of Women Engineers
- University of Texas Austin, Business Analytics Program, McCombs School of Business
- University of Maryland
- Women in Technology (WIT)

DIVERSITY
CAREER FAIR

Where Professionals NetWORK For Success

Professional Diversity Network

FEBRUARY 24, 2015

EMBASSY SUITES CRYSTAL CITY
10:00AM – 3:00PM

Register Now!

Explore new career opportunities, meet with top local and national organizations and experience the career success you want!

CAREER FAIR HIGHLIGHTS INCLUDE:

- **Top Employers** – Connect one-on-one with recruiters from major corporations.
- **PDN World** – Career resource center providing educational sessions for career advancement.
- **Résumé Genius Bar** – Résumé critique (Powered by University of Phoenix)
- **Networking with Industry Leaders** – Make new connections for career success.
- **Free Registration!**

REGISTER AT:
http://www.prodivnet.com/events/washington-dc-career-fair-2

Career Fair Schedule

10:00AM - 3:00PM
Open Networking & Recruiting

PDN WORLD

10:00AM - 3:00PM
Visit PDN World to receive your résumé critique and attend the following educational sessions:

11:00AM
Workplace Skill Set Workshop

12:00PM
Résunate

1:00PM
Dress To Impress

2:00PM
Build Your Brand with Social Media

40TH
ANNIVERSARY
CELEBRATION

BDPA

2015 International Technology Conference and Career Expo

Washington, D.C. ● August 17-23, 2015

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SiriusXM is committed to integrity, excellence, and diversity among its employees.

"To be as strong as possible, our employees need to reflect both the diversity of the work force at large as well as our own current and future subscriber base. Diversity is essential to ensure that a company represents and reaps the benefit of different voices, different experiences and different points of view. With diversity of thought, you lay the groundwork for the most vibrant collaboration and the greatest innovation.

Diversity is of particular importance to our Company. As the premier provider of audio content in this country, we have both the privilege and the obligation to provide content that is compelling to those subscribers that we have today and to those we want to have tomorrow. We need diverse voices in this Company to ensure that we know what is important to all of our potential listeners.

This is a Company where we want to value people's differences and celebrate diversity. Diversity is not something that we can be passive about. Diversity must be actively pursued".

🌐 **http://www.siriusxm.com/Careers**

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SATELLITE RADIO

Diane Cruz-Burke
Assistant General Counsel, Eli Lilly and Company

Started as an attorney at Lilly in 1994

Holds law degree from Harvard University, first in her family to graduate from college

Active in the Organization of Latinos at Lilly

Part of my fabric.

Both of my parents come from large families that migrated to the mainland U.S. from Puerto Rico when they were very young. They watched their parents struggle and never get ahead. But, they were determined that one day their own children could realize a better future.

Growing up in a close, extended family exposed me to a variety of challenges. We depended on one another, and for me that meant taking on huge responsibilities, even at a young age. At times, this could be emotionally draining, but it taught me how strong I really was. With the support of my family, I learned that problems are really opportunities to reshape the things we're not happy with. Anything is possible with persistence and focus.

This is an important part of my fabric. It's what makes me passionate about life and our mission to affect improved patient outcomes. Just as I have personally overcome challenges, I hope to use these experiences to positively impact the lives of others.

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Answers That Matter.

INSIDE NEXT EDITION: **BDPA@40 - COMMEMORATING BLACK HISTORY MONTH**

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611 Pennsylvania Avenue, SE
Suite 213
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