



BDPA Washington, D.C. | Host Chapter Overview

Community Technology Advocacy & Executive Summary • 4Q13



**Fiscal Year 2013 • Outreach
Community Relations**



Advancing Careers From The Classroom to The BoardroomSM



Our Mission is Our Future | Next Generation Workforce



Cover Story: [bdpatoday](#) | BDPA Student members arriving at Hilton Baltimore to attend the 34th National BDPA Technology Conference for IT Showcase (ITSC), High School Computer Competition (HSCC), and Youth Technology Conference (YTC) events.

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BDPA



STEM . Diversity . Inclusion

bdpa.org



Executive Summary

Formerly known as *Black Data Processing Associates*, **National BDPA** was founded in 1975 and rebranded as **BDPA** to promote technical development and professional growth in urban and underserved communities for those pursuing or entering information and communications technology (ICT) fields.

- An IRS 501 (c)(6) Not-For Profit Corporation (NPO)
- Over 35 chartered NPO chapters in CONUS
- National and Regional Tech Conferences annually
- Stakeholder and Membership Services across all industry sectors (Public, Private, and Academia)

Business Impact

Corporate participation, financial contributions, and inclusion goals are met each year from a variety of programs made available to your agency or organization from NBDPA and local BDPA Chapters:

- NBDPA volunteers provide comprehensive STEM outreach campaigns to urban and underserved communities
- NBDPA volunteers build camaraderie and foster leadership within each of our STEM-IC pillars
- NBDPA establishes pipelines of qualified technical professionals, students, and volunteers across all ICT domains and industry verticals

Innovation Layers & Inclusion

For over 35 years, National BDPA programs have provided students and volunteer instructors innovative environments to jointly explore new opportunities within emerging Information Communications Technology (ICT) fields of interest.

- Local High School Computer Competitions (HSCC), *FIRST* Robotics [AppDev], and STEM competitions
- Regional and National HSCC Competitions
- IT Showcase for College and High School Students
- BDPA IT Institute for Members (Auburn University)
- Regional and National Technology Conferences
- Community-oriented ICT Industry publications, social media, and multimedia programming

Volunteer Phases & Milestones

National Capital Region

- **BDPA-DC**: An IRS 501(c)(3) NPO; 35th Anniversary
- **BDPA-DC/BDPA NoVA Co-Host NBDPA 2013**
Hosting 35th National BDPA Technology Conference in Washington, D.C. **August 13-17, 2013**
- Establish **BDPA Central Maryland CIG** (DC/Baltimore) Chapter Interest Group created and managed for STEM-IC (Intell/Cyber) think-tanks in direct support of HBCU/MSI and STEM-IC SIGs in **FY13** (*Security Clearances are required for various projects.*)
- Create and manage a global **Tablet-PC for Teens** program for underserved communities, deploy T4T STEM-IC AppStores, and campaigns modeled after the Marine Corps' Toys-for-Tots campaign by **FY15**

Visit bdpatoday.org to peruse any of these channels for collaborative urban technology NPO thrusts with BDPA and STEM-IC (Intell/Cyber) engagements.





About Us

- ***BDPA-DC was founded and chartered by NBDPA in 1978 and incorporated in 1981 as an IRS 501(c)(3) public charity. BDPA-DC celebrated its 35th Anniversary in 2013.*** BDPA-DC encourages expansion of technology and science programs, corporate responsibility (CR), community outreach, and service delivery to underserved and unserved communities within the National Capital Region (NCR). Toward this end, our local chapter encourages support of Chapter Interest Groups (CIGs) which are designed to meet or exceed service delivery requirements where growing technical trends and demographics ultimately can support a sustainable, viable and vibrant BDPA Corporate Advisory Council (CAC), Corporate Technology Council (CTC), and a Corporate Legislative Council (CLC) to effectively work with standing Chapter Committees and assigning subject-matter experts (SMEs) and mentors from industry to integrated STEM-IC (Intel/Cyber) Project Teams (IPTs.)
- ***Formerly known as Black Data Processing Associates, National BDPA (NBDPA), is a global Technology Inclusion (TECH-Inclusion) IRS 501(c)(6) non-profit organization (NPO) promoting professional and technical career advancements with corporate growth for its stakeholders.*** Founded in 1975, NBDPA's founders' concern, which subsequently was shared with industry, was very few minorities in middle and upper management, low recruitment and poor preparation of minorities for emerging technical positions. Moreover, an overall lack of upward career mobility, little or no minority community engagements or outreach from industry continued to perpetuate these concerns well into the 21st century.
- ***For 38 years NBDPA and local BDPA Chapters have helped advance technical careers from the classroom to the boardroom by hosting and participating in community oriented CS-STEM programs,*** workshops, expos, conferences, and STEM outreach events. Washington, D.C. (BDPA-DC) and Northern Virginia (BDPA NoVA) chapters of BDPA remain committed to excellence while providing a wide range of shared resources to members, corporate sponsors, small business owners, educational institutions and local communities within the National Capital Region (NCR).



Contact Us

- **BDPA-DC Executive Committee CY-2012/2013**
 - Perry Carter, Chapter President | perry@bdpa.org
 - Chapter President-Elect | *Vacant*
 - Ravenna Chase, Vice President Finance
 - Dr. Jesse Bemley, Vice President Strategy & Planning
 - Edward Yeldell, Vice President Membership Management
 - Joshua Farrish, Vice President Membership Services
 - Sharrarne Morton, Communications Committee Chair
 - Louis Shack, High School Computer Competition (HSCC) Program Manager
 - Rodrick Edwards, Training & Education Programs
 - Marcella Black-Caro, Immediate Past President
- **BDPA-DC Chapter Websites, I.T. Events, and eMail**
 - www.bdpadc.org **web**
 - www.bdpatoday.org **-and-** <http://bdpa-dc.groupsie.com>
 - www.twitter.com/bdpatoday **Twitter**
 - info@ncr-bdpa.org **email**
- **BDPA-DC IRS & Federal Procurement Data**
 - IRS 501 (c)(3) TIN/EIN: **52-1346530**
 - CAGE/NCAGE Code: **5FBU8**
 - DUNS Number: **828023452**
 - **Local Executive Team:** **BDPA-DC Senior Executives are cleared and eligible for special STEM-IC (Intel/Cyber) engagements with DoD/IC agencies**
- **BDPA-DC Phone Numbers**
 - Chapter President: **703.627.8257**
 - Events & Communications: **240.463.6915**



BDPA Washington, D.C. | Annual Event Reviews

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Regional Conferences & Annual Awards

Senior government officials keynote local BDPA events



Above (L-R), Lt. Gen. Ronnie Hawkins, US Air Force (then Vice Director, Defense Information Systems Agency [DISA]), Dr. Caesar Jackson (National Science Foundation), and ADM Cecil D. Haney, US Navy (then Director, Naval Warfare Integration Group), were distinguished guests and presenters during regional BDPA conferences prior to FY13. **Admiral Haney** has his fourth star as Commander, Pacific Fleet and **Lt. Gen. Hawkins** has his third star as DISA's new Director.

Multimedia and STEM Support

BDPA-DC's News Bureau provides print and online newsletter publications, [bdpatoday](#), to communities via NBDPA's network of local chapters. TV, mobile video productions, and vignettes for **YouTube** and **Vimeo** which began in FY11 as *Popular Technology TV* (PTTV).



Top 25 media markets in CONUS are targeted for the latest BDPA chapter and technology news via print and online publications. Software development kits (SDK's) for youth programs are used for mobile device application upgrades to popular product lines such as Microsoft **Surface** and Apple's **iPad**.

Corporate Engagements with Local Tech-Inclusion Programs

Advocacy and Entrepreneurship

Membership Outreach Programs



BDPA Members in the National Capital Region (NCR) work for or with small business prime and subcontractors supporting private and public sector customers. Congressman **Steny Hoyer** (center) shown with local BDPA Chapter executives from his District.

Corporate Sponsorships

HP, a National BDPA Platinum Sponsor, donates Notebook and Tablet PCs to qualifying high school computer competition (HSCC) students during local, regional, or national HSCC venues.



Community Outreach and Government Relations

Community Outreach

BDPA-DC and Internships



Several BDPA Members in the National Capital Region (NCR) work for or with Federal agencies and prime contractors supporting leading-edge programs such as DoD's High-Performance Computing Modernization Program (**HPCMP**) Office (above.)

Government Relations

BDPA-DC and LISTA

BDPA-DC supports other IT NPOs such as LISTA (*Latinos in Information Sciences and Technology Association*) when visiting Capitol Hill. Shown below (L-R) are Perry Carter, President, BDPA-DC; Secretary of Labor, The Honorable Hilda L. Solis, and Jose A. Marquez, President and CEO of LISTA.



Chapter TECH-Inclusion & STEM Activities

Advance Program Briefings to Industry (APBI)



Executives from agencies and regional corporations accept invitations to attend national and regional BDPA events to support our community's CNCI, OPSEC, Cyber, STEM and SITES programs hosted by HBCUs. Above (l-r), 2011 APBI panelists: Captain Daniel Lakhani, **U.S. Marine Corps**; Rear Admiral Michelle Howard, **U.S. Navy** and BDPA Regional Technology Conference Keynote Speaker (2011); Lisa Harbour-Carter (seated), **Comcast**; and Keith Scott, Federal DoD Account Executive of **FireEye**. Nominated for her fourth star in 2013, Vice Admiral Howard was a recent recipient of an NAACP Image Award, a staunch advocate for STEM careers, and recently was confirmed by the U.S. Senate to become the Navy's Vice CNO, the service's second in command.

Classrooms to Boardrooms



BDPA-DC Student Member and Oracle Scholar FY10-FY 13

Mr. Nunez is a BDPA-DC HSCC Alumni Class of 2010, Computer Science major at Morehouse College currently maintaining a stellar GPA while completing an internship with HP in 2011. In 2012, Nunez completed fellowships with Microsoft and Stanford. He studied in Paris in the summer of 2013 and will intern with Boeing in 2014.

Local Chapter STEM-IC (Intel/Cyber) Activities

Advance Planning Briefings for Interns (APBi)

Industry Keynotes



STEM-IC and ICT Industry Panelists

In 2013, the STEM-IC (Intelligence & Cyber) Panel featured (L-R): Rear Admiral **Will Metts**, US Navy; **Keith Scott**, FireEye; and **Enoch Long**, of Splunk. Lead topics for the young men and women attending during Father's Day weekend were Cybersecurity, OPSEC, good study habits, strong GPAs, and obtaining security clearances in support of viable career opportunities across all industry sectors.



Giving Back. Ensign **Raven Stevenson**, U.S. Navy, is a BDPA HSCC Alumna who received her commission via NROTC at Duke University in May 2013. She provided keynote remarks to the local BDPA Chapter in North Carolina for her first public appearance shortly after her commission.



Annual Regional Chapter Youth R&D Development

TECH-Inclusion and HBCU/MI
Program Support

BDPA-DC and Patriots Technology
Training Center (PTTC) Youth Camps



Admiral Gary Roughead, US Navy (right), former **Chief of Naval Operations** and keynote presenter, speaks with HSCC and IT Showcase finalists during the 32nd National BDPA Technology Conference held July 2010 in Philadelphia. A few finalists were invited to and attended the **TeraGrid** Conference with JEF in Pittsburgh, the following week. ADM Roughead serves on Northrop Grumman's Board of Directors which maintains very robust STEM outreach programs in CONUS.



Co-Hosted annually by local HBCUs or MSIs, our PTTC, HSCC and IT Showcase (ITSC) students participate in a wide variety of application development, research, and autonomous systems programming activities in direct support of local and regional CS-STEM oriented student competitions. Next fiscal year, In 2014, our student members will gather May 3-4 at Bowie State University for the annual Youth Technology Summit.

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Local Chapter Annual Awards

Spring & Fall Sponsorships and Internship programs yield
over \$15,000 for BDPA-DC Student Members

Fall 2013 Banquet | November 3, 2013 Washington Navy Yard

HSCC Awards • IT Showcase Awards • Internship Awards



U.S. Navy

2013 Chapter Federal Sponsor of the Year
Department of Navy CIO (DONCIO) Keynotes Gala



Oracle Corporation

2013, 2012, and 2011 BDPA-DC
Chapter Education Sponsor of the Year

Local Chapter Annual Grants & Awards (4Q12)

Keynote • Community Grants • Awards



2012 Stakeholders

Adrian Gardner, SES
NASA Goddard CIO

At the banquet, Mr. Gardner stated NASA is the President's lead Agency for STEM



Leadership As a 'Contact Sport'

Vice Admiral Brown talks to BDPA-DC's 2013 High School Computer Competition (HSCC) Team Captain
Community Outreach, HSCC, ITSC, and STEM

Local Chapter Annual Grants & Awards (4Q12)

Keynote • Community Grants • Awards



2012 Keynote Speaker
Vice Admiral Manson Brown, USCG
Theme: **Advancing Technical Careers**
from the Classroom to the Boardroom



Best Buy Children's Foundation
2013 & 2012 Grants to BDPA-DC as new Sponsor in 3Q11
Community Outreach , HSCC, ITSC, and STEM

Local Chapter Annual Grants & Awards (4Q13)

Keynote • Community Grants • Awards



2013 Coalition of the Year
National Black MBA Association,
Washington, D.C. Chapter
Win Theme: **Advancing Technical Careers
from the Classroom to the Boardroom**



Internships at SiriusXM
BDPA Student Members (above) selected by local
sponsors in FY13 for **#TechandMedia** internships
Win Theme: **Community Outreach ,Tech, and Multimedia**



Local Chapter 35th Anniversary Awards Gala (4Q13)

Keynote • Community Outreach • Corporate Awards



35th Anniversary Awards Gala & Fundraiser

Sunday, November 3, 2013 from 4:00 PM to 7:00 PM (EST)



When & Where

4:00 PM to 7:00 PM (EST)
Washington Navy Yard Conference Center
1454 Parsons Avenue, S.E.
Washington Navy Yard, 20374-5092

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Local BDPA Chapters PTTV Fall Episodes (4Q13)

Industry Updates • Executive Interviews • Corporate Announcements

BDPA-DC enters its second year producing **PTTV** with industry

▶ [Popular Technology TV](#)



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BDPA Washington, D.C. | Accomplishments

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Local Community Advanced Program Development

Advanced CS-STEM Programs

High Performance Computing (HPC) with JEF



Dr. Paul Gray, above left, visiting Associate Professor, Computer Science Department, University of Northern Iowa, introduces “*Little Fe*”, the portable cluster for computational science education to JEF students. JEF, a District of Columbia-based NPO, received the first production unit of *Little Fe*. JEF participants maintain annual BDPA-DC student memberships with their respective local BDPA Chapters.

Advanced Program Development in DC

BDPA-DC college student members work on approved projects, prepare White Papers and presentations with one of our District-based partners *Joint Educational Facilities* (JEF) for regional and national *IT Showcase* (ITSC) competitions. The JEF Lab, in photo shown below, features HP BladeSystem servers and large-format (plotter) HP Designjet printer used for BDPA IT Showcase projects and poster presentations respectively. In 2011, JEF upgraded to a 1Gbps (*1GigE*) connection to the District of Columbia Community Access Network (**DC-CAN**) – managed by the *DC-Net Program* from the District’s Office of the Chief Technology Officer (OCTO).



Local Chapter Professional Development

Regional Youth Programs & Scholarships

BDPA-DC Annual Student Awards



BDPA-DC **Oracle Foundation Scholarship** winners and High School Computer Competition (HSCC) Co-Captains Francisco Nunez and TurKenya Herring with Louis Shack (left), BDPA-DC HSCC Program Director and Perry Carter (right), Chapter President.

Professional Development

BDPA-DC, BDPA NoVA, and [bdpatoday](http://bdpatoday.com) support local technology expos, career fairs, and regional ICT industry trade shows.



Attending Federal OSDBU Procurement Conferences
Office of Small and Disadvantaged Business Utilization



Local NPO Engagements with CS-STEM Programs

Small & Midsized Business (SMB) Mentors



Ms. **Marjorie E. Forbes** (center) received the Host Chapter's **Lifetime Achievement Award** for 2011. Ms. Forbes is Vice President of Intelligence Solutions for **Ross Technologies, Inc. (RTGX)**. She retired from the National Security Agency (NSA) in 2007 as a member of the Defense Intelligence Senior Executive Service (DISES). Ms. Forbes and other SMB Executives support and sponsor young men and women interested in Cyber or IT careers and related CS-STEM fields of study .

CS-STEM/STEM Technology Programs

BDPA-DC supports Computer Science (CS) and Science Technology Engineering and Math (STEM) programs that bridge technology gaps in K-12, young adult education and professional development. The Chapter partners with organizations such as **JEF**, **FIRST Robotics**, **Patriots Technical Training Center**, (PTTC) and the **YMCA** on CS-STEM community oriented projects.



Local Chapter Cyber & Entrepreneurial Activities

Advance Planning Briefings for Interns (APBi)

Classrooms to Boardrooms



2013 *B-School* and *Small Business* Initiatives

BDPA-DC was invited by Dr. Rajni Goel (left) to attend Howard University's IS Advisory Council meeting and luncheon with new student members and faculty in November of 2013. Dr. Baron H. Harvey, Dean of Howard University's School of Business, provided opening and welcoming remarks. Dr. Goel is Associate Professor and Chair at Howard University's School of Business.

Dr. Rajni S. Goel
BDPA-DC 2013
Corporate Champion

Dr. Rajni Goel, Howard University, is the local chapter's champion for MBA, entrepreneurship, and supply chain management (SCM) programs for BDPA in the Washington, D.C. area.

Local Chapter Cyber & STEM Activities

Advance Planning Briefings for Interns (APBi)

Classrooms to Boardrooms



2013 Cyber Challenge Teams

Executives from agencies, corporations, and regional BDPA Chapters honor local collegiate Cyber Challenge team members during the annual fall banquet. Above, Prince George's Community College (PGCC) 2012's Cyber Challenge Team attends annual event to discuss career, scholarship, certification, and internship opportunities with potential employers and sponsors.



Dr. Daryl Stone BDPA-DC 2013 and 2012 Corporate Champion

Dr. Daryl Stone is a newly tenured Professor, Computer Science, at Bowie State University and one of the Chapter's Principal Investigators (PI) for STEM-IC and CS-STEM Projects in the Washington, D.C. area.

Local Chapter Industry, Trade, & STEM Collaboration

Inclusion and Outreach



2013 Tech-Inclusion Professional Mixers

Partnering non-profit organizations network at *SiriusXM Satellite Radio* in their local studio facilities with BDPA-DC and BDPA NoVA. Presentation topics and activities include industry trends, career opportunities with SiriusXM, and an overview of new multimedia products and technical services.



Local Chapter Industry, Trade, & STEM Collaboration

Inclusion and Outreach



2013 National Small Business Week Mixer

Local entrepreneurs and BDPA Members celebrate National Small Business Week 2013 at *The Microsoft Store* in Fashion Centre at Pentagon City with BDPA-DC and BDPA NoVA. Presentation topics and activities included: Windows 8 for Entrepreneurs, Start-Ups, and SMBs. Students at the store shared interests in Smart Phones and Gaming.

Local Chapter Industry, Trade, & Workforce Collaboration

Industry Trade Publications & Social Media

FY13 | 7th Anniversary Series



2012 Communications & Public Relations Teams

BDPA's Journalism students partner with media, entertainment, and ICT industry mentors to enhance coverage of industry news through the lens of their respective cultures and communities. Shown above, Prince George's Community College (PGCC) Journalism students attending the chapter's annual fall awards events with their mentors.



In 2013, BDPA-DC celebrated its chapter newsletter's seventh year with a new design and interactive features provided by various industry sponsors. HSCC, ITSC, Journalism student members, and interns support various projects.



Previous Regional Chapter STEM Campaigns

Regional High School
Computer
Competitions



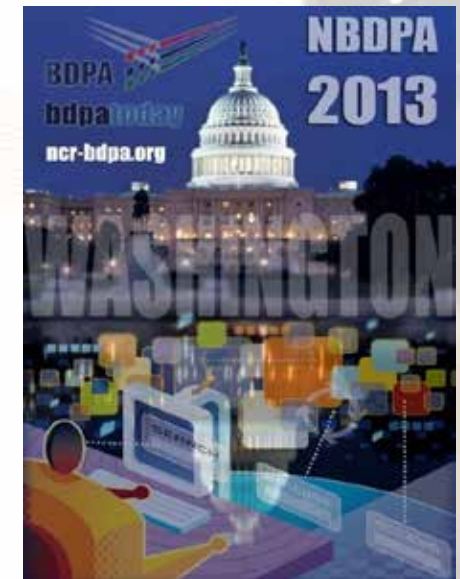
2011
Regional Brackets
Corporate Sponsorships
and Partner Donations for
ITSC Teams & HSCC Top Seeds

National BDPA Technology
Conference
Baltimore 2012



NBDPA 2012
Baltimore Hilton
34th National Technology Conference
August 1-4, 2012
HSCC and ITSC Sponsorships

National BDPA Technology
Conference
Washington 2013



NBDPA 2013
Washington Hilton
35th National Technology Conference
August 13-17, 2013
HSCC and ITSC Sponsorships

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National BDPA Technology Conference & Career Fair

BDPA-DC 2013 Host Chapter

National High School Computer
Competition (HSCC)



ICT Industry Partners Seek Qualified
Students for Entry Level Opportunities



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National BDPA Technology Conference & Career Fair

BDPA Indianapolis 2014 Host Chapter



Advancing Careers From The Classroom to The BoardroomSM



National BDPA Technology Conference & Career Fair

Marketing FY15 Begins for NBDPA's 40th Anniversary



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Visit National BDPA: www.bdpa.org

36th Annual National BDPA Technology Conference

Indianapolis, IN | August 5-9, 2014

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