▸ **BEYA 2009**
Black Engineer of The Year Awards and STEM Global Competitiveness Conference begins February 18 in Baltimore.
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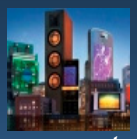

▸ **CES 2009**
The '09 Consumer Electronics Show, the world's largest consumer technology trade show begins January 8 in Las Vegas.
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Volume 31
Issue 01.09

bdpatoday

Washington, D.C. Edition
January 2009

INAUGURATION '09

BDPA is hosting a Black-Tie Inaugural Reception in Washington, D.C. at 5 pm on January 20, 2009 at the Smithsonian Institute's new Anacostia Community Museum. Tickets for BDPA members to the *Community Leaders and Technology Inaugural Reception* are available from BDPA's Host Chapter through January 10, 2009.

www.bdpa-dc.org

GREENBDPA
MARCH 2009 ISSUE

Addressing Urgent STEM Requirements Across Domestic Stimulus Packages

Infrastructure Investments Must Yield An Employable Workforce

In 2004, the U.S. Secretary of Education convened national summits to bring urgently needed attention to the state of mathematics and science education. Today, according to NASSMC, more than half (60%) of American workers lack emerging technical skills and understanding required by U.S. employers.

Embracing STEM

Our harsh reality within each local community is the national need for the highest quality human capital across science, technology, engineering, and math (STEM) disciplines is not being met. According to several U.S. government reports and business intelligence sources, domestic education and training programs are both underfunded and underperforming thus resulting in empty pipelines.

See* STEM *on Page 12

◄ **Photo**: Autonomous assembly robots are mechanical devices using automation, algorithms, and advanced software applications to add interchangeable parts to products in a sequential manner to create finished products. These procedures in a system occur without worker involvement and pre-programmed operations. Industrial robot software applications provide a step beyond mechanization, where human operators are provided with machinery to assist them with the physical requirements of work. Advantages are repeatability, greater quality control, waste reduction, integration with business systems, and increased productivity. When manufacturers do more with less [workers] what new jobs are created? Visit **bdpatoday**'s blog at **bdpatoday.org**. Source: ***robots.com***

INSIDE **bdpatoday**:

• **Promoting a Strong 2009 STEM Agenda** | BDPA & Local Chapters	1 & 12
• **BDPA Government Relations** | The 111th Congress + Inauguration	5
• **COMPTIA Certifications** | Career Tracks for Network+, RFID+, & more	11
• ***IT & C4ISR CAREER OPPORTUNITIES*** | Expanded Career Section	15

BDPA DC
Celebrating 31 Years of Service

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BDPA and extends the warmest welcome to BDPA Hampton Roads

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all aboard?

Technology Awareness Program

A COMMUNITY TECHNOLOGY DEVELOPMENT & AWARENESS PROGRAM

A community technology development & awareness program TAP provides corporate sponsors with a turnkey program that enables them to advance the value of technology to African-American, Hispanic, and Native American communities *through three programs:* La Familia Technology Awareness Week; Native American Family Technology Journey; and Black Family Technology Awareness Week. The programs are comprised of content designed for audiences from kindergarten through 12th grade and includes their parents and extended families. TAP enables companies to augment their public image among minorities by extending their outreach efforts into those communities.

TAP
TECHNOLOGY AWARENESS PROGRAM

For more information call 410-244-7101 or visit our websites!

Black Family Network
www.blackfamilynet.net

Lafamilia Network
www.lafamilianet.net

Native American Family Network
www.firstpeoplesnet.net

let's bring technology to all people. all aboard?

CAREER
COMMUNICATIONS GROUP, INC.

Welcome 'Class of 2020'

Tomorrow's Software Engineers and Interns are preparing to deliver high performance computing solutions to global customers with emerging science, technology, engineering, and mathematics (STEM) requirements. Last year's BDPA HSCC finalists helped raise the bar for them.

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TMI

01.20.09 – Growing *IT* Special Interest Groups

On Tuesday, January 20, 2009 BDPA will host a formal reception in honor of The Honorable Barack Obama's Inauguration and his First Lady, Michelle Obama. This is a very special quadrennial event for area leaders and technology professionals. The Smithsonian Institute is hosting this year's Inaugural venue. Participating BDPA members, guests, and community leaders will begin to network and develop industry-specific Special Interest Groups (SIGs) to expand chapter programs to emerging communities within our region.

BDPA-DC SIG overtones include growth areas such as High Performance Computing, Modeling & Simulation, Intelligent Transportation Systems, Robotics, and Web 2.0 technologies. BDPA-DC CIGs form within the National Capital Region to provide emerging technology support and professional development services for the District of Columbia and counties in Southern Maryland. To schedule a BDPA SIG event near you, visit our website at *www.bdpa-dc.org* for meeting and event locations or call our national office in Largo, MD at 800.727.BDPA (2372). bt

TeraGrid
TeraGrid '09
June 22-26, 2009
Hyatt Regency Crystal City
Arlington, Virginia
www.teragrid.org

hp invent
HP: Pioneering Grid Computing's Move Into The Enterprise Market

IBM
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BDPA, formerly known as Black Data Processing Associates, was founded in 1975 to promote professional growth and technical development for those in or entering information, communications, or technology (ICT) oriented fields of interest and related industries. BDPA Chapters publish quarterly or monthly newsletters. For newsletter or web portal advertising rates, publication schedules, online calendars, and e-newsletters, contact regional or local BDPA Chapters by visiting www.bdpa.org or by calling **1.800.727.2372 (BDPA)**. **bdpatoday** (**ISSN** 1946-1429) is published by the Washington, D.C. Chapter and other BDPA Chapter Communications Committees, mailed to BDPA members, BDPA corporate sponsors and electronically delivered to BDPA Chapters and Chapter Interest Groups (CIGs) as a benefit of membership. First Class and Periodicals postage paid at Washington, D.C. and additional mailing offices. Unless otherwise noted by own copyright, art and graphics ©BDPA-DC, ©Corbis, ©Getty Images, & ©JupiterImages™. **bdpatoday** is available for immediate online publishing of ICT industry, chapter news, and community IT events. Send articles, events, or images to: info@bdpatoday.org . Readers also may use BDPA chapter Groupsite calendars, enhanced by CollectiveX to review local news, events, and sponsoring deadlines.

BOWIE STATE UNIVERSITY
Prepare For Life

111th United States Congress Sworn In January 6th

Congressional Black Caucus Unveils New Officers For 1st Session

Washington, DC—The first session of the 111th United States Congress convenes, Tuesday, January 6th, 2009 with its members facing unprecedented global turmoil and domestic economic crises. In a recent Politico.com article, state governors are requesting the incoming Obama administration and Congress to free up $1 trillion in federal spending for state assistance to 'keep afloat.' For the new 111th Congress, projected caucus totals stand at 257 Democrats and 178 Republicans in the U.S. House of Representatives and 58 Democrats, 41 Republicans and 2 Independents (who plan to caucus with Democrats) in the U.S. Senate. One seat in the Senate remains undecided at press time.

Congresswoman Barbara Lee
(D-California)

Last year, Congresswoman Barbara Lee (D-CA) was unanimously elected to serve as the 21st Chair of the Congressional Black Caucus for the 111th Congress. A stalwart for human rights, global peace, and social justice, Representative Lee is an acclaimed legislator. As First Vice-Chair of the CBC, she was one of the architects of the outreach strategy and led the charge to pass legislation removing Nelson Mandela from the U.S. terrorist list. Other CBC Members elected to leadership posts include:

Representative Emanuel Cleaver (MO) – ***First Vice Chair***

Representative Donna Christensen (VI) – ***Second Vice Chair***

Representative G. K. Butterfield (NC) – ***Secretary***

Representative Yvette Clarke (NY) – ***Whip***

Regulatory Input From 'Main Street'

The Administrative Procedure Act (APA) requires Federal agencies to follow certain steps for formal and informal rulemaking. Federal agencies have joined the Federal Docket Management System (FDMS), our government-wide online e-Rulemaking system which extensively is used by Congress, agencies, lobbyists and advocacy groups to track and comment on proposed rules and regulations. The Internet will continue to help BDPA members participate in advocacy and online e-Rulemaking. Become a community advocate with BDPA's Government Relations teams.

RSVP: ***www.bdpa-dc.org***

2009 Presidential Inaugural Balls

Arizona Presidential Inaugural Gala
Commander-In-Chief Ball
Constitution Ball
Democracy Ball
Freedom Ball
Garden State Inaugural Gala Ball
Hawaii State Society Inaugural Ball
Illinois Presidential Inaugural Gala
Independence Ball
Liberty Ball
Patriots Ball
South Carolina Inaugural Ball
Stars and Stripes Ball

Inauguration Tickets are available from Congressional Representatives. BDPA's Washington, D.C. Chapter will post additional information. Join the Chapter's Newsletter Groupsite for the latest industry news and member updates: **bdpatoday.org**

bdpatoday

Presents:

BDPA Day On The 'Hill

Tuesday, January 20, 2009
Inauguration Day
&
Wednesday, February 18, 2009

Participating BDPA Chapters formally will present agenda items to the 111th Congress. To add, modify, or recommend agenda items for consideration, contact local BDPA Chapter Government Relations Subcommittees or BDPA's Washington, D.C. Chapter.

washingtondc@bdpa.org

www.bdpa-dc.org

CBC
CONGRESSIONAL BLACK CAUCUS

www.thecongressionalblackcaucus.com

TeraGrid 2009 Conference

The TeraGrid is an open scientific discovery infrastructure combining leadership class resources at eleven partner sites to create an integrated, persistent computational resource. Using high-performance network connections, the TeraGrid integrates high-performance computers, data resources and tools, and high-end experimental facilities around the country. How soon your community benefits from these resources directly depends on stakeholder levels of involvement.

TeraGrid '09
June 22-26, 2009

Hyatt Regency Crystal City
Arlington, Virginia

www.teragrid.org

Launch a ***TeraGrid* SIG** (Special Interest Group) within your BDPA Chapter.

Call BDPA or JEF today. Join or co-sponsor student teams **November, 14-20 2009** in Portland, Oregon during this year's Supercomputing Conference **SCO9**. BDPA also seeks members interested in forming Supercomputing SIGs and a Portland, OR Chapter Interest Group.

1.800.727.BDPA
www.bdpa-dc.org

Currently, TeraGrid resources include nearly a petaflop of computing capability and more than 30 petabytes of online and archival data storage, with rapid access and retrieval over high-performance networks. Researchers can also access more than 100 scientific data collections. With this combination of resources, the TeraGrid is the world's largest, most comprehensive distributed cyberinfrastructure for open scientific research. TeraGrid provides resources at eleven partner institutions: Indiana University (IU), Louisiana Optical National Center for Atmospheric Research, National Center for Supercomputing Applications (NCSA), National Institute for Computational Sciences, Oak Ridge National Laboratory (ORNL), Pittsburgh Supercomputing Center (PSC), Purdue University (PU), San Diego Supercomputer Center (SDSC), Texas Advanced Computing Center (TACC), and University of Chicago/Argonne National Laboratory (ANL/UC).

Photo credit: Joint Educational Facilities (JEF)

Las Vegas, NV—In June 2008, JEF student participants from BDPA's Mid-Atlantic Region participated in advanced computing competitions during the third annual TeraGrid conference, which encourages young people to enter careers in high-performance computing (HPC), scientific visualization, and grid computing. Cadeal Chase [Baltimore], third from left, Bryan Bemley [Washington], fifth from left, stands with Frederick Smith, III [Northern Delaware], fourth from right and Dr. Jesse Bemley [JEF], second from right.

HSCC $cholarship
Awardees Acknowledged at 30th Anniversary Gala

Washington—BDPA-DC's Regional High School Computer Competition (HSCC) Champions and 2009's new student members received awards and certificates on November 12, 2008. The next National HSCC will be held in Raleigh, North Carolina during the **National BDPA Technology Conference, August 5-8, 2009**. Final HSCC teams are comprised of four to six students each. However, remaining students are eligible to participate in BDPA's annual Youth Technology Camp (YTC) during our Conference. Local teams have prepared to travel to the National BDPA Technology Conference. All students are allowed to participate in the Student Youth Technology Camp and all other planned student activities. The competition team will compete with other BDPA chapter teams throughout the United States developing web applications, mastering computer theory, conducting oral presentations and publishing their team's deliverables during written competition. The top five (5) teams will win college scholarships, computer hardware and software. NBDPA likely will extend awards to the top six (6) teams in 2009 due to increased participation in BDPA Regional HSCC events. BDPA student members and HSCC students are afforded an opportunity to participate or attend next year's **TeraGrid '09 Conference** in Washington, D.C. and the **Supercomputing 2009** (SC09) Expo next November in Portland, Oregon. Student memberships are always available to interested students at $15 for high school, community college, vocational school, 4-year college or university attendees. bt

Serving the District of Columbia and surrounding communities for over 25 years, Joint Educational Facilities (JEF) is an all-volunteer non-profit community-based organization providing instruction, research, and development guidance to Washington, D.C. area middle and senior high school students. Topics in Advanced Computing Sciences, Contemporary Mathematics, Geographical Information Systems (GIS), High-Performance Computing (HPC), Intelligent Technologies, and Robotics are offered. Parent-Student teams are encouraged to enroll this Fall or next Winter and participate on-line via the Internet, in the lab, or during any JEF event.

Now accepting enrollments from Junior and High School students for Winter 2008 and Spring 2009 sessions. For more information, call (202) 584-1898 to register as a student. Instructor-mentor, parent-student teams, JEF scholarships and internships with JEF also are available.

Contact: **Dr. Jesse Bemley**
(202) 584-1898
www.jef.org

2528 Naylor Road, SE., T-3
Washington, DC 20020

JEF | COMBINED FEDERAL CAMPAIGN (CFC) Number: #40978

JEF | UNITED WAY Campaign: Write-Ins

BDPA IT Showcase

During recent Mid-Atlantic Region presentations at Bowie State University, undergraduate and high school students excelled at presenting advanced technical concepts to general audiences. White Papers were published for the National BDPA Technology Conference recently held in Atlanta, GA.

Call for Papers

Regional BDPA IT Showcase
Washington, D.C. | June 2009

2008 Sponsor
Johnson & Johnson

WHO SHOULD ATTEND 2009's NATIONAL BDPA TECHNOLOGY CONFERENCE?

RALEIGH CONVENTION CENTER | AUGUST 5-8, 2009 | RALEIGH, NC

Young Americans are treated to the latest in Information Technology (IT.) Our Youth Technology Conference (YTC) has designed intense, IT related workshops and seminars to encourage and inspire youth to pursue Science, Technology, Engineering, or Math (STEM) careers with an information technology focus. High school teams from across the country annually compete for the High School Computer Competition (HSCC) National Title.

High School Students - Teams of high school students converge at the BDPA national conference to showcase their skills, teamwork, and creativity as they compete in an intensive 3-day competition. Others will be amazed at the talent and intellect of these students as they bond, compete, grow, learn and enjoy a healthy competitive environment laced with the most challenging technology available.

Corporate Sponsors have the opportunity to meet, greet, interview and network with some heavy-hitters in the IT field. Corporations also have the opportunity to showcase their products and services to thousands of members and attendees. This is an excellent opportunity to recruit qualified IT talent.

Senior IT Executives - BDPA has affiliated with the ITSMF to help achieve their objective. Senior information technology executives assist African American women and men in preparing for senior level positions.

IT Professionals have the opportunity to become engaged in "career possibilities". Our conferences offer professionals the opportunity to explore new IT horizons, to network with IT professionals, and to explore new employment opportunities with corporate sponsors.

Entry Level IT - Individuals just entering the IT field (or IT has entered *your* field) cannot afford to miss annual conferences. These annual meetings are "game-changing" experiences to help launch your career. Where else can you find professionals in virtually every concentration of IT? Where else can you find seminars and workshops specifically designed to enhance your skills and boost your career? This is the perfect opportunity to improve your IT career position. Whether you network and find a mentor, or attend a seminar that pushes you in a specific IT direction, everything about our conference will promote positive results in your career. Let's not forget about the Career Fair and Technology Expo, which provides an excellent opportunity to develop or continue to nurture relationships, distribute your updated resumes, and interview on the spot with many corporations that are looking for you!

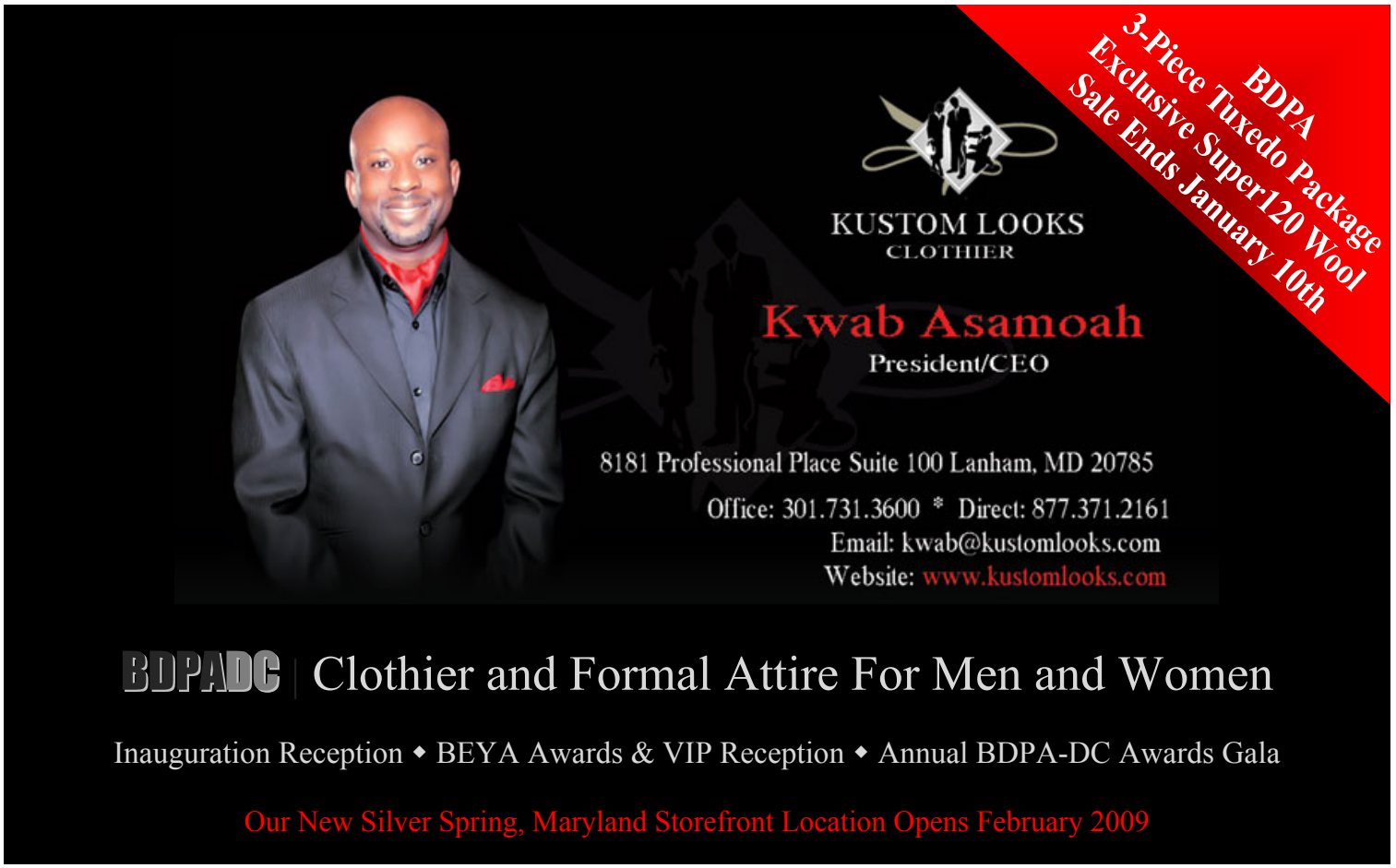
Parents – Come join us! Share the fun and learning experiences with your children in our BDPA Host Chapter cities.

Community-Based Organizations - There is more to learn at our conferences. Technology is HERE! Don't let your organization fall behind because you were reluctant, or did not have the skills necessary to integrate your organization with technology. Many of our seminar tracks will help you better organize your CBO. Learn how to build your organization using technology, strategy, and team building.

Entrepreneurs – A "platinum" opportunity to network with other established firms and business partners in your market. Attending and presenting at some of our workshops are some of the most aggressive, successful entrepreneurs who are willing to share experiences or opportunities with you. bt

Conference excerpts provided by ***Electronic Village***

Johnson & Johnson
Family of Companies
small-company environment
big-company impact



BDPA IT Institute

BDPA U

In 2006, BDPA entered into a partnership with Auburn University to provide an Academic Chair to the BDPA IT Institute and to utilize its Office of Distance Learning to globally deliver our IT Institute courseware and certification content.

Dr. Juan Gilbert is the Distinguished Associate Professor Fellow, Auburn University Center for Governmental Services where he directs the Human Centered Computing Lab and The BDPA IT Institute.

Industry icons such as Deloitte, EMC Corporation, Ernst & Young, and IBM have supported this program since its inception.

Juan Gilbert, Ph.D. T-SYS
Human Centered Computing Lab
The BDPA I.T. Institute

Contact Information:
1.800.727.BDPA (2372)
institute@bdpa.org

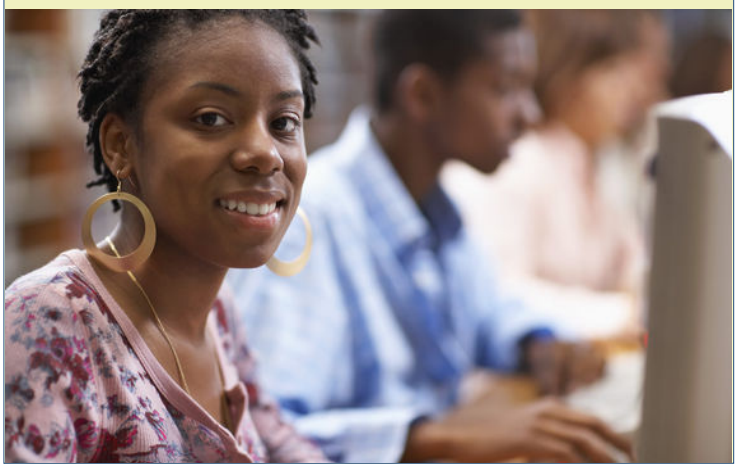
Certification Classes and
PMP Prep Courses Available
Sign-Up Now for Spring 2009

Sign-Up for Washington's Regional *High School Computer Competition*

February 2009 Edition
Don't miss your next exciting issue of

bdpatoday

For BDPA-DC's 2008 Year In Review, join the chapter's interactive Welcome Centre with chapter newsletters featuring Groupsites powered by **CollectiveX**.
Visit **www.bdpa-dc.org**



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Career Upgrade Connections

In 2009, BDPA's Washington, D.C. Chapter invites new communities to grow with us for our next 30 years with your professional development, and community outreach programs.

Committees to Chair or Join:

- **Audit/Finance/Sales/Grants**
  Invest in our *trillion-dollar* industry
- **IT Programs/Chapter Events**
  Host *Interest Groups* and meetings
- **Membership/Services**
  Source *non-IT* members for growth
- **Government Relations/Advocacy**
  Track laws in our *high-tech* society
- **Communications + PR**
  Join local BDPA *multimedia* teams
- **Education/Training/Standards**
  Develop *courseware*, be a *Mentor*

What To Look For in 2009:

- America's new 111th Congress
- Inauguration of a new President
- Black Engineer of The Year Awards
- BDPA-Day-On-The-Hill
- ITSMF Symposium and Gala
- FOSE 2009
- Regional BDPA Golf Classic
- Regional HSCC Competition (Youth)
- Regional IT Showcase (Students)
- TeraGrid '09
- National BDPA Tech Conference
- National IT Showcase (Students)
- National HSCC Competition (Youth)
- Legislative Conference (CBCF/ALC)
- Prince George's Football Classic
- Supercomputing 2009 (SC09)
- 2009 BDPA-DC Awards Gala

Corporate sponsorships and member discounts are available by joining the Washington, D.C. BDPA Chapter:

www.bdpa-dc.org

202.659.5367 — or — 703.627.8257

© SC09

SUPERCOMPUTING 2009 CONFERENCE PREVIEW

SC09 Broader Engagement (BE) Program

The SC09 Broader Engagement (BE) program is aimed at increasing the involvement of individuals who have been traditionally underrepresented in the HPC field. The program will offer a number of special activities at SC09 to stimulate interest within the SC conferences and the HPC community in general. Competitive grants will be available to support travel to and participation in the SC09 Technical Program by underrepresented groups. We encourage applications from all computing-related disciplines, including research, education, or industry. Consideration will be given to applicants from groups that traditionally have been underrepresented in HPC, such as African-Americans, Hispanics, Native Americans, Alaska Natives, Native Hawaiians, Pacific Islanders, the physically challenged, and women.

Questions? ➲ **be@info.supercomputing.org**
JEF and BDPA provide additional information for local teams. Visit: **www.bdpatoday.org**

Educational institutions, training companies, not-for-profits such as BDPA and government-funded training organizations can improve services to constituencies by joining CompTIA.

IT Career Upgrades

CompTIA is the leading association representing the international technology community. Its goal is to provide a unified voice, global advocacy and leadership, and to advance industry growth through standards, professional competence, education and business solutions.

BDPA-DC will work with CompTIA in 2009 to make certification testing more accessible with sponsored and discounted student vouchers. This upgraded member service allows BDPA members to keep their own skill sets current with industry requirements. Advanced training and free vouchers for additional CompTIA certifications will be made available for BDPA student and full members.

CompTIA Exam Vouchers for BDPA Instructors

Qualified BDPA members of E2C member schools who are training students in any of CompTIA's current certifications are eligible to receive a voucher for one of the following CompTIA certifications: **A+**, **Network+**, **i-Net+**, **Server+**, **Linux+**, **HTI+**, **RFID+**, **Security+ and Project+**.

Obtaining a CompTIA certification adds to personal credentials and paves the way to more lucrative and challenging leadership positions. Top technology companies like Cisco, HP, IBM, Intel, Microsoft and Novell leverage CompTIA certifications as electives or equivalents for their own certification tracks. BDPA members who achieve higher industry certifications with DoD security clearances attract growth industries to emerging communities, transfer knowledge to local schools and promote economic development. bt

International CES 2009

January 8-11
Las Vegas, NV

With more than four decades of success, the International Consumer Electronics Show (CES) reaches across global markets, connects the industry and enables CE innovations to grow and thrive.

The International CES is produced by the Consumer Electronics Association (CEA), the preeminent trade association promoting growth in the consumer technology industry. CEA represents more than 2,200 corporate members involved in the design, development, manufacturing, distribution and integration of consumer electronics products. All profits from CES are reinvested into industry services, including technical training and education, industry promotion, engineering standards development, market research and legislative advocacy. bt

Today the United States has the challenge and the opportunity to provide all students with the mathematical knowledge, skills, and confidence she or he will need in a highly technical world. Greater understanding of mathematics is essential for today's schoolchildren. Success in today's and tomorrow's job markets requires more than computational competencies.

STEM—*Continued from Cover Page*

Without a talented STEM workforce, America faces STEM challenges of crisis proportions in mathematics and science education which adversely impacts business and related industries for decades to come.

Advocacy and Strategic Planning

The National Alliance of State Science and Mathematics Coalitions (NASSMC) State Summits Implementation Program (NSSIP) provides assistance to state based organizations with planning, developing, administering, implementing, following-up and sustaining state mathematics through science education summits. STEM Stakeholders continue to leverage these collaborative platforms with industry, academia, and legislators for appropriate funding. While our PK-12 education system strengthens its focus on academic equity–ensuring that all children perform at set minimal levels – other stakeholders have entered the field to focus on promoting excellence, preparing students to meet or exceed challenges of working within STEM-related industries. These stakeholders include businesses, universities, and nonprofit organizations such as BDPA, BETF, and JEF, working alone or together to give children a head start on a brighter future. Funding, community support, political will, and professional collaboration are required to ensure success.

SAI | Local Chapter Execution

The STEM Accelerator Initiative (SAI) is a program of NASSMC, an umbrella organization for state coalitions of business, education and public policy leaders united for systemic change in science, technology, engineering and mathematics (STEM) education for all students. Visit **bdpatoday.org** for STEM and related blog posts supporting SAI in 2009. bt

2009 International CES Hours

10 a.m. - 6 p.m. Thursday, Jan. 8, 2009
9 a.m. - 6 p.m. Friday, Jan. 9, 2009
9 a.m.-6 p.m. Saturday, Jan. 10, 2009
9 a.m.-4 p.m. Sunday, Jan. 11, 2009

The Venetian Tour Suites open same hours as LVCC and Hilton. Sands Expo and Convention Center is open 8 a.m.-5 p.m. Thursday-Saturday and 8 a.m.-3 p.m. Sunday.

Future International CES Show Dates

Jan. 7-10, 2010 (Thursday-Sunday)
Jan. 6-9, 2011 (Thursday-Sunday)
Jan. 9-12, 2012 (Monday-Thursday)
Jan. 6-9, 2013 (Sunday-Wednesday))

CAREER
COMMUNICATIONS GROUP, INC.

SAVE THE DATES

BEYA STEM

Global Competitiveness Conference

Baltimore Convention Center, Baltimore, Maryland

February 18–22, 2009

CCG Events

National Women of Color STEM Conference
October 29 – November 1, 2009
The Hilton Anatole Hotel
Dallas, Texas
www.womenofcolor.net

Black Family Technology Awareness Week
February 15–21, 2009
www.blackfamilynet.net

Career Communications Group Inc. founded Technology Awareness Programs

EMC² where information lives
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For more information please contact:
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729 E. Pratt Street, Fifth Floor
Baltimore, MD 21202
410-244-7101

Conference Sales:
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Technology Awareness Programs:
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Scholarship America salutes BDPA's Washington, DC Chapter for 30 years of helping students succeed in the IT field.

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Scholarship America® was founded in 1958 as a small community organization, awarding 24 scholarships to local students. Since then, we've distributed nearly $2 billion in scholarships to more than 1.5 million students, on behalf of more than 3,800 communities and 1,200 corporations.

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To find out more about Scholarship America, and how you can help students in your community, visit scholarshipamerica.org.

NATIONAL SECURITY AGENCY

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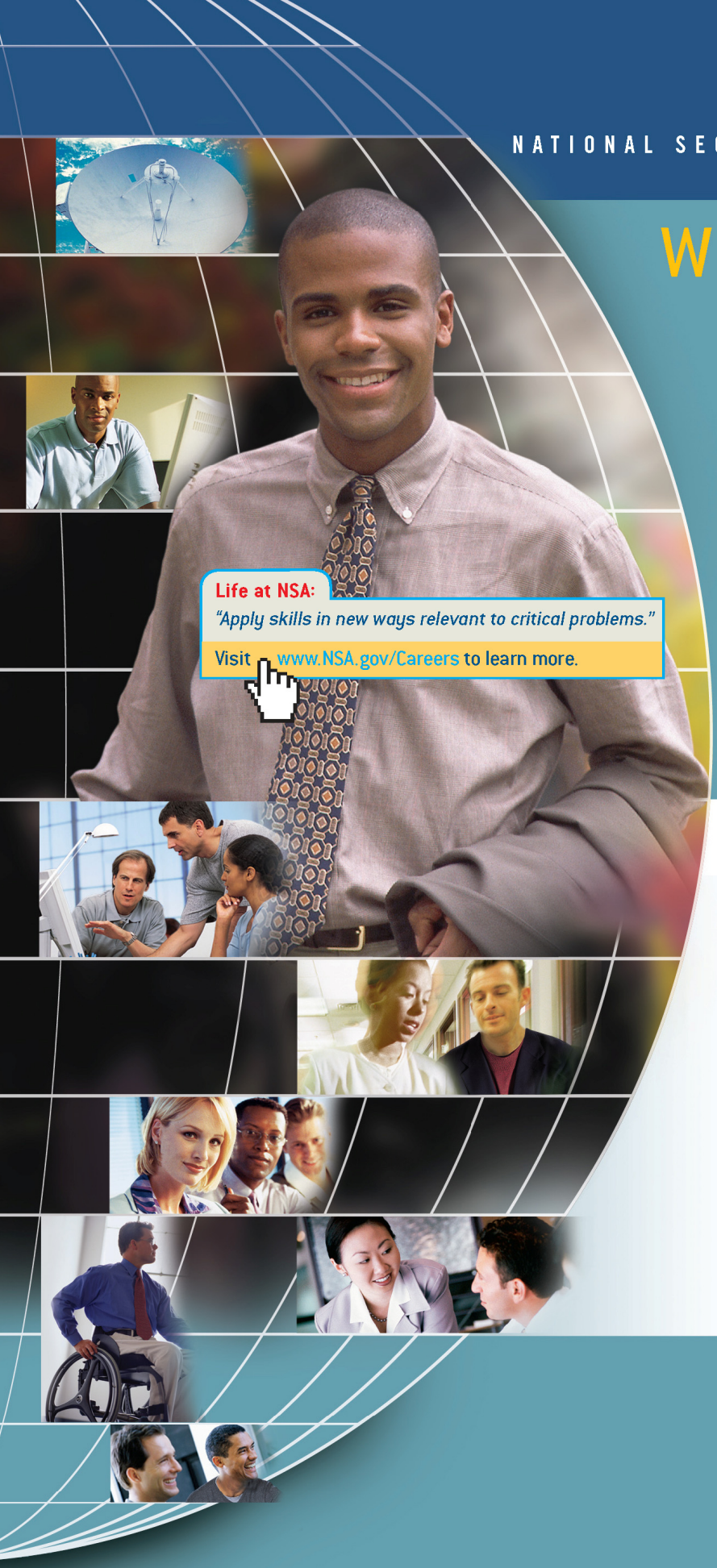

Career Opportunities:

- Computer/Electrical Engineering
- Computer Science
- Mathematics
- Foreign Language
- Intelligence Analysis
- Cryptanalysis
- Signals Analysis

For more information and to apply online, visit our Web site.

U.S. citizenship is required. NSA is an equal opportunity employer. All applicants for employment are considered without regard to race, color, religion, sex, national origin, age, marital status, disability, sexual orientation, or status as a parent.

www.NSA.gov/Careers

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THE DIGITAL TV TRANSITION

What You Need To Know About DTV

What Is The Digital TV (DTV) Transition?

Currently, many over-the-air stations are broadcasting in both analog and digital TV formats. After February 17, 2009, full – power TV stations will broadcast only in digital. The DTV transition will affect those who watch free over-the-air television (through a rooftop antenna or "rabbit ears"). If you watch over-the-air programs on an analog TV, you must take action before February 17, 2009.

Why Are Broadcast Stations Switching to Digital?

Federal law requires the switch, which will free up the airwaves for police, fire, and emergency rescue communications, allow broadcasters to offer programming with better picture and sound quality and offer more programming choices, and allow for advanced wireless services for consumers.

What Should I Do to Be Ready?

You have three choices:

1. **Connect your analog TV to a digital-to-analog converter box.** Digital-to-analog converter boxes are in stores and have a one-time cost of $40-$70. To help you pay for the boxes, the U.S. Government is offering two $40 coupons per household. (Please note that these coupons will expire 90 days after mailing). For more information on the coupons, visit **www.DTV2009.gov**, or call 1-888-388-2009 (voice) or 1-877-530-2634 (TTY). Plus, you should not need a new antenna if you get good quality reception on analog channels 2-51 with your existing antenna.

Or

2. **Buy a digital television (a TV with a built-in digital tuner).** You do not need a High Definition TV (HDTV) to watch digital broadcast television. You only need a digital TV (or an analog TV connected to a digital-to-analog converter box). Plus, you should not need a new antenna if you get good quality reception on analog channels 2-51 with your existing antenna.

Or

3. **Subscribe to a paid TV service.** If your TV set receives local broadcast stations through a paid provider such as cable or satellite TV, it is already prepared for the DTV transition. Cable companies are not required to transition or switch any of their channels to digital. However, if you have an analog TV that does not receive local broadcast stations through your paid provider, you will need a digital-to-analog converter box to watch digital broadcasts on that TV.

For More Information:

1-888-CALL-FCC (Voice) DTV.gov 1-888-TELL-FCC (TTY)

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