



National Cyber Security Awareness Month



Chapter Edition

bdpa today

October | 2010
Volume 35
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\$80 Billion Proposed for IT

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Science Fairs are no longer static | Page 5



Official White House photo by Pete Souza

Washington, DC—President Barack Obama gets a closer look at the inner workings of a robot that plays soccer, built by a *FIRST Robotics Competition* (FRC) team from Blue Bell, Pa., as he tours science projects on display in the State Dining Room of the White House. President Obama hosted the White House Science Fair for winners of a broad range of science, technology, engineering and math (STEM) competitions across America, this month.

See STEM, **Page 5**



October: National Cyber Security Awareness Month

Washington, DC – October is National Cyber Security Awareness Month. Microsoft and the National Cyber Security Alliance (NCSA) have teamed up with the Department of Homeland Security (DHS) again this year to help increase awareness about Internet security issues and to educate people about how to help protect themselves and their devices. See **Page 5**



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DOI photo

Los Angeles, CA—Secretary Ken Salazar (above) makes a presentation during this month’s Solar Power International Conference. The Department of the Interior already has approved for construction large-scale solar projects this month. They are the firsts of their kind on public lands and some will be among the largest solar projects in the world.

October is National Energy Awareness Month, a national effort to underscore how central energy is to our national prosperity, security, and environmental well-being. BDPA Chapters are encouraged to promote new CS-STEM projects and community outreach programs in support of local cyber security opportunities and emerging renewable energy initiatives.

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Our Next Cyber & Legislative Events

The Washington, D.C. Chapter of BPDA (BDPA-DC) is NBDPA’s Host Chapter during the 25th Anniversary of Black Engineer of the Year Awards (BEYA) S.T.E.M. Conference, February 17th-19th, 2011 in Washington, D.C. Hosted by Career Communications Group, Inc. (CCG), annual BEYA STEM conferences provide unique opportunities for industry, academia, and the federal government to launch and support new S.T.E.M. initiatives. See page 14 for additional details.

NBDPA members and stakeholders continue to network during these industry outreach events to form special interest groups (SIGs) within their respective regions. BDPA Chapters provide technical and professional support along with professional development services while cultivating strategic industry partnerships. Visit our national Groupsite and other local chapter sites for events and related industry announcements.

For more details or to find other local BDPA events near you, visit local chapter websites at www.bdpa.org for BDPA events, locations, or call our national office at 800.727.BDPA (2372).

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NBDPA, 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 offices by visiting www.bdpa.org or by calling **1.800.727.2372 (BDPA)**. **bdpatoday (ISSN 1946-1429)** is published by participating Local Chapters of NBDPA with their respective 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 regional mailing offices. Unless otherwise noted by own copyright, art and graphics © NBDPA, © BDPA-DC, © Corbis, © Getty Images, & ©JupiterImages™. Cover graphics, photos and logos: The White House, BDPA-DC and **bdpatoday**. **bdpatoday** is available for immediate online publishing of ICT industry, chapter news, and community IT events. Send ads, articles, events, or images to: info@bdpatoday.org. Readers also may use Groupsite calendars, enhanced by Groupsite.com to review local events.



National High School Computer Competition August 2011—Chicago, IL
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Technology Awareness Program

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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.



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

Black Family Network
www.blackfamilynet.net

La Familia Network
www.lafamilianet.net

Native American Family Network
www.firstpeoplesnet.net



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





National Cyber Security Awareness Month

National Cyber Security Awareness Month (NCSAM), conducted every October since 2004, is a national public awareness campaign to encourage everyone to protect their computers and our nation's critical cyber infrastructure.

Cyber security requires vigilance 365 days per year. However, the Department of Homeland Security (DHS), the National Cyber Security Alliance (NCSA), and the Multi-State Information Sharing and Analysis Center (MS-ISAC), the primary drivers of NCSAM, coordinate to shed a brighter light each October on what home users, schools, businesses and governments need to do in order to protect their children, computers, and data.

What is your chapter doing for National Cyber Security Awareness Month?

The success of National Cyber Security Awareness Month rests on all of us doing what we can do to engage those around us to be safe and secure online. There are opportunities for everyone, from home users and small businesses to major corporations and government entities, to get involved. For more information, visit: StaySafeOnline.org. **bt**

—National Cyber Security Alliance

Washington, D.C.—Last month, the White House announced the launch of **Change the Equation**, a CEO-led effort to dramatically improve education in science, technology, engineering, and math (STEM), as part of his “**Educate to Innovate**” campaign. Change the Equation is a non-profit organization dedicated to mobilizing the business community to improve the quality of STEM education in the United States.

The United States has falling behind our foreign competitors in STEM subjects. According to one, study American 15-year-olds ranked 21st in science and 25th in math compared to other countries.



© JupiterImages

These STEM campaigns will include efforts not only from the Federal Government but also from leading companies, foundations, non-profits such as NBDPA, and science and engineering societies to continue our work with young people across America to excel in science and math by expanding science fairs and our STEM (HSCC) competitions.

As part of the campaign, the White House hopes to do a series of events, announcements and other activities that build upon the President's “call to action” and address the key components of national priority. Through “Educate to Innovate” and our other ongoing efforts, we must:

- Increase STEM literacy so that all students can learn deeply and think critically in science, math, engineering, and technology.
- Move American students from the middle of the pack to top in this decade.
- Expand STEM education and career opportunities for underrepresented groups, including women and girls.

National BDPA already has stepped forward to meet some of these challenges—visit: www.bdpa.org **bt**

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As a Veteran-owned small business (VOSB), V-Tech provides Technical, Administrative, and Management Services (TAMS), Cyber Security, and Contact Center Management support to DoD, Federal, State, and Local clients. Our approach begins with creating a “True Partnership in Excellence” with each engagement that focuses on Performance, Management, and Measure. We call this our PMM approach.



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VentureBeat

David Adewumi, contributing writer, Venturebeat

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HP IS THE PROUD SPONSOR OF THE
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BDPA Chapters Join Other Not-For-Profits to Promote CS-STEM and Supplier Diversity

NMSDC Hosts National Procurement Fair in Miami

New President to Welcome Members and MBEs

MIAMI, FL—The National Minority Supplier Development Council (NMSDC) returns to Miami Beach October 24-27 for its annual Conference and Business Opportunity Fair—the nation’s benchmark forum on minority supplier development. More than 6,000 people will attend the four-day event at the Miami Beach Convention Center, including Asian, Black, Hispanic and Native American business owners, as well as corporate minority supplier development professionals, purchasing executives and corporate decision-makers, and representatives from international NMSDC counterpart organizations.

Last May, Joset B. Wright, a former procurement executive, was named president of the National Minority Supplier Development Council. Ms. Wright succeeded Harriet R. Michel, who retired last June 30 after 22 years at the helm of the corporate membership organization. Ms. Wright spent 13 years at Ameritech. Ms. Wright spent 13 years at Ameritech. Most recently, she was president of Ameritech Illinois, where she was responsible for all regulatory, legislative and external relations activities following the merger of Ameritech Corporation and SBC Corporation. At the time, Ameritech Illinois was the largest communications company in Illinois, with \$4.5 billion in annual operating revenues. Prior to that, she was vice president of procurement and property services at Ameritech Corporation, where she oversaw the operation of all corporate support services, including procurement, real estate operation and security services. Ms. Wright is an attorney. She served as vice president and general counsel for Ameritech Enhanced Business Services and Indiana Bell. Ms. Wright received a bachelor's degree from Denison University and a juris doctor from Georgetown University Law Center.



Courtesy NMSDC © Powell Photography

Providing a direct link between corporate America and Asian, Black, Hispanic and Native American-owned businesses is the primary objective of the National Minority Supplier Development Council, one of the country's leading business membership organizations. It was chartered in 1972 to provide increased procurement and business opportunities for minority businesses of all sizes.

The NMSDC Network includes a national office in New York and 37 Regional Councils across the country. There are 3,500 corporate members, or buyers, throughout the network, including America's top publicly-owned, privately-owned and foreign-owned companies as well as universities, hospitals and other buying institutions. The Regional Councils certify and match more than 16,000 minority-owned businesses enterprises (MBEs) with member corporations that want to purchase their goods and services. Visit: www.nmsdc.org **bt**

Supercomputing 2010



NEW ORLEANS, LA - A ‘Special Topic’ addressing critical workforce issues in High Performance Computing (HPC) will be featured at SC10, the premier international conference on high-performance computing, networking, storage and analysis, to be held in New Orleans, LA from November 13-19. The rapid growth of high performance computing (HPC) in industry and research is increasing the demand for expertise in HPC. This trend, coupled with declining enrollments in computing education, is creating a HPC workforce shortage affecting government, industry, and academia. To meet critical workforce needs, more skilled practitioners and researchers need to be trained.

“These workforce challenges affect all of us in the HPC community and we need to address them now to sustain the growth of HPC,” said Jennifer Teig von Hoffman, SC10 Communities Chair. “With representatives from industry, government and academia in attendance, SC10 is the best forum to harness the innovative thinking that has made the HPC community so dynamic and focus it on developing solutions to these workforce issues.”

The goal of the Special Topic is to bring together HPC representatives from industry, research institutions, national labs and academia to assess workforce needs and explore innovative education and training approaches and identify trends affecting the HPC workforce over the coming decade with a focus on:

- Identifying and exploring specific skills and capabilities needed in the HPC workforce;
- Descriptions of existing and new approaches to increase the skilled workforce;
- Discussion of the trends and forces shaping HPC workforce needs;
- New education and training approaches over the next 5 and 10 years.

SC10, sponsored by IEEE Computer Society and ACM (Association for Computing Machinery) offers a complete technical education program and exhibition to showcase the many ways high performance computing, networking, storage and analysis lead to advances in scientific discovery, research, education and commerce. This premier international conference includes a globally attended technical program, workshops, tutorials, a world class exhibit area, demonstrations and opportunities for hands-on learning. **bt**

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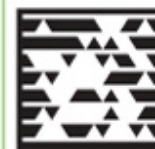
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Diversity inspires.

IBM commends the National Black Data Processing Associates for their commitment to diversity, and for recognizing companies that excel in this area.

As we move towards a globally integrated economy and society, we find ourselves at a moment of enormous challenge – and of great opportunity. The world is getting smarter. And diversity is vital to a Smarter Planet. The skills arising from individual differences are invaluable to business growth. IBM celebrates and leverages diverse perspectives and, through its progressive workforce and procurement policies, creates a culture of inclusion and equal opportunity for both employees and suppliers. Let's build a Smarter Planet.

ibm.com/diversity



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Federal fiscal year 2011 (GFY-11) begins October 1, 2011, with the White House requesting close to \$80 billion in spending on information technology (IT) projects for GFY-11. This represents a 1.2 percent increase from what was proposed for IT in GFY-10. According to *GCN* and *Tech America*, new drivers for growth in federal IT budgets include health care, energy efficiency and business intelligence which are expected to dovetail into improvements for citizen services, cybersecurity and other established sources of demand. ***Defense/Intelligence, Health & Human Services, and Treasury Departments are projected to have the fastest growing federal IT budgets.***

Budget.gov is a portal for the White House's Office of Management and Budget (OMB). The core mission of OMB is to serve the President of the United States in implementing his vision across the Executive Branch. OMB is the largest component of the Executive Office of the President. It reports directly to the President and helps a wide range of executive departments and agencies across the Federal Government to implement the commitments and priorities of the President.

As the implementation and enforcement arm of Presidential policy government-wide, OMB carries out its mission through five critical processes that are essential to the President's ability to plan and implement his priorities across the Executive Branch:

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2. Management — oversight of agency performance, Federal procurement, financial management, and information/IT (including paperwork reduction, privacy, and security);
3. Coordination and review of all significant Federal regulations by executive agencies, to reflect Presidential priorities and to ensure that economic and other impacts are assessed as part of regulatory decision-making, along with review and assessment of information collection requests;
4. Legislative clearance and coordination (review and clearance of all agency communications with Congress, including testimony and draft bills) to ensure consistency of agency legislative views and proposals with Presidential policy; and
5. Executive Orders and Presidential Memoranda to agency heads and officials, the mechanisms by which the President directs specific government-wide actions by Executive Branch officials.

Organizationally, OMB has offices devoted to the development and execution of the Federal Budget, various government-wide management portfolios, and OMB-wide functional responsibilities. **bt**

IT Showcase | ITSC 10



For more information on NBDPA, NBDPA's academic, public, and private sector engagements for FY11 and 2011 National and Regional IT Showcase (**ITSC 11**) schedules, contact **Dr. Jesse Bemley** or **NBDPA** at 1.800.727. BDPA (2372).



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- ★ 2010 Top Supporter of HBCUs

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this issue's success story

White House hosted winners of a broad range of science, technology, engineering and math (STEM) competitions from across America as part of its National Science Fair festivities to broaden STEM awareness and outreach for October.



Inside our
next issue:
SC10

Supercomputing 2010 Begins

Scholarship Awards Banquets

Local Chapter Fundraising Events

student programs: **GET THEM INVOLVED!**

NBDPA's SITES (Student Information Technology Education and Scholarship) initiative is designed to introduce minority students grades K-12 and those students in underserved communities to the fields of Cybersecurity, Information Technology (IT) and CS-STEM (Computer Science | Science. Technology. Engineering. Mathematics) disciplines through computer training by encouraging them to seek higher levels of education and grooming many of them to become our next generation of IT Professionals. Our programs are offered to students across the country at no cost to interested students. Contact NBDPA at **1.800.727.BDPA** (2372) for participating BDPA Chapters near you or visit our web site at www.bdpa.org.

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