Commemorative Edition

# bdpatoday

Spring 2009

GREENBDPA

GREEN CAREER$ IN *I.T.*

President Barack Obama
**First 100 Days** | ***I.T.*** Milestones

Government Computing **2.0**

TeraGrid '09 – Washington, D.C.

Youth Development Programs

# together...

we can travel past

the digital divide

and beyond.

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.

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TECHNOLOGY AWARENESS PROGRAM

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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.

▸ **GREEN IT** *New STEM careers in Energy, IT and Technology are ahead for tomorrow's engineers and technology professionals.* **Page 18**

▸ **HSCC 2009** *2009's High School Computer Competition season kicks off at participating BDPA Chapters across America.* **Page 10**

Volume 34
Issue 03.09

# bdpatoday

Local Chapter Edition

Spring 2009

## First 100 Days
## 44th President

**WASHINGTON—**To say America's 44th President's first 100 days was legendary would be an understatement. President Barack Obama's unprecedented road to the White House was paved with people-oriented technologies which demonstrated how emerging social networks can be deployed to empower workers and volunteers to execute very assertive agendas.

Highlights of the first 100

***See "100-Days" on Page 9***

# BDPA and Community Technology Organizations Collaborate with HBCU/MIs

## Local grassroots efforts providing greater STEM opportunities

BDPA photo: bdpatoday

**"Science Without Frontiers STEM Initiatives K-12" –** by *Digital Divide Network*

It is not the computer or convergence technology resources that teach the child. It is the way in which technology is used as a tool in creating a learning landscape. It is not so important what the platform is (the kind of computer) or the kind of tools, as it is to have the new ways of thinking, transformational ideas about teaching and

***See "STEM " on Page 18***

◄ **Photo**: BEYA-STEM

(l.-r.) Navy Captain Laura Stubbs, National Naval Officers Association (NNOA) Washington, D.C. Chapter; Dr. Eugene M. DeLoatch, Dean of Morgan State University's School of Engineering; and Monique Berry, President, BDPA's Philadelphia Chapter are shown during workshop intermissions while attending the annual Black Engineer of The Year Awards (BEYA) Global STEM Competitiveness Conference. bt

GREENBDPA
SPRING 2009 ISSUE

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BDPA

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China Lake, CA
San Diego, CA
Southern IN

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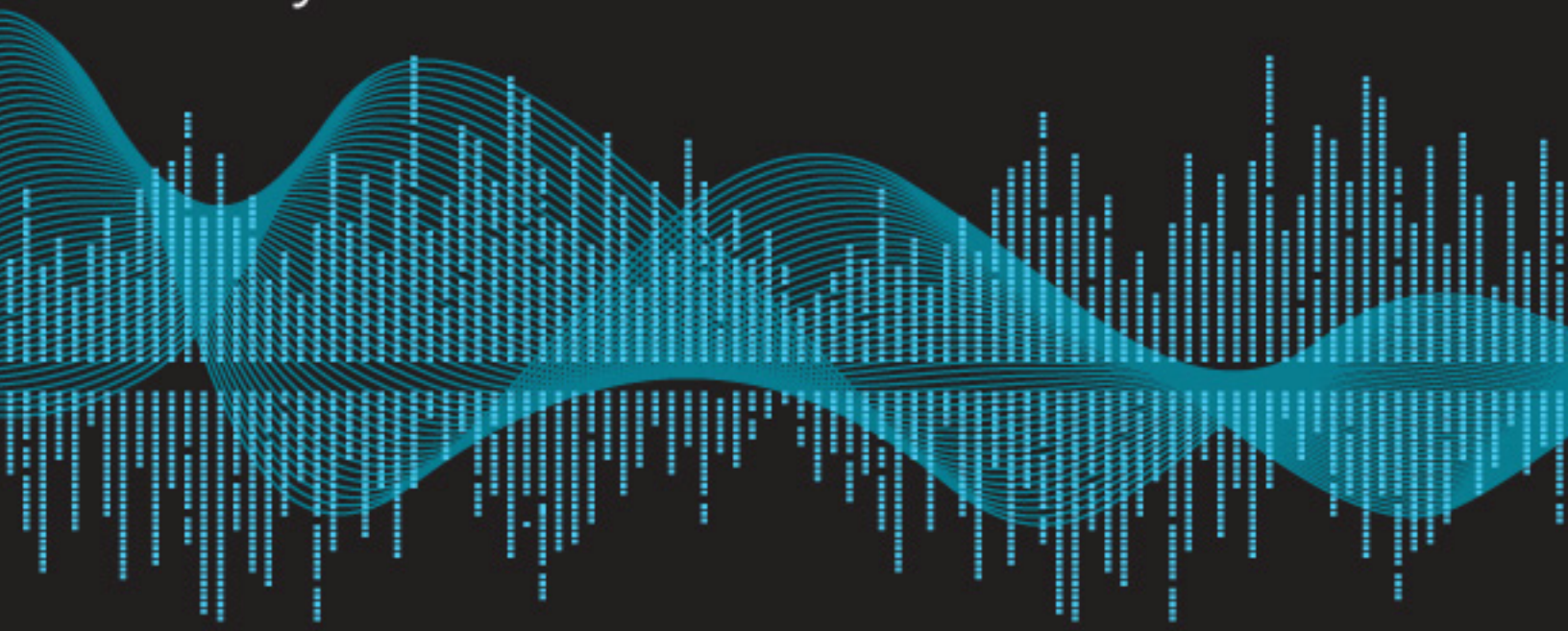
# Many Sounds.



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# PATRIOTS
## Technology Training Center

"Empowering Students Through Technology"

WWW.PATRIOTS-TTC.ORG

# 12th ANNUAL YOUTH SUMMIT ON TECHNOLOGY

**Where:** Henry J. Wise, Jr. High School
12650 Brooke Lane, Upper Marlboro, MD 20772

**When: Saturday, April 18, 2009** **Time: 7:30am – 4:30pm**

### Student Workshops:
- College Preparation
- Career Development
- Computer Hardware/Software
- Video Game Design
- TV/Radio Production
- Telecommunications
- Engineering

### Parent Workshops:
- Partnering with Federal Agencies to Pay for College
- Countdown to College

**Mix & Mingle Breakfast Reception Sponsored By Pepco**

**Luncheon Sponsored By Department of Defense**

**Door Prizes – Lap Top Computers – IPods and More!**

**PatroTech Renewable Energy Jeopardy Game Show!**

Computer Competition Additional $40 per Student – 5th thru 12th Grade
Bring Your Own 4 Student Team or You Will Be Placed On A Team
Each Student on The Winning Team Will Win A Laptop Computer
You Must Register By March 26th

**Patriots Member Registration: $25**

**Nonmembers: $35*** **Adult Registration: $10**

**(*Bonus: Membership for 2009 PatroTech Science Club - $40 Value)**

**Registration Fees Include: Breakfast – Lunch – Workshops – Conference Bag & T-Shirt**

Registration / Info: 301-925-9350

# *Welcome 'Class of 2020'*

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## 04.22.09 – Growing *IT* Special Interest Groups

### *Visit us in Booth 146 @ Spring's Main Event*

On Wednesday, April 22, 2009 the OSDBU Procurement Conference opens as a national conference fostering business partnerships between the Federal Government, its Prime Contractors, HBCU/MIs, and small, minority, service-disabled veteran-owned, veteran-owned, HUBZone, and women-owned businesses. Participating BDPA sponsors, members, and community leaders will use this annual opportunity to network and develop industry-specific Special Interest Groups (SIGs) to expand chapter programs to communities within BDPA regions.

BDPA SIG overtones include growth areas such as High Performance Computing, Modeling & Simulation, Information Assurance, Robotics, and Web 2.0 technologies. Groups form within local BDPA Chapters to provide emerging technology support with professional development services for an entire region. To schedule a BDPA SIG event near you, visit our website at ***www.bdpa.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**

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

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REAL BUSINESS VALUE

**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™. Cover photo credit: Getty Images. White House photo: Susan Sterner. **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 Groupsite calendars, enhanced by **CollectiveX** to review local news, events, or deadlines and submit technology news from respective markets.

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541512 - Computer Systems Design Services
541519 - Other Computer Related Services

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### President signs largest spending bill into law

**Washington, DC**—*Federal Computer week* (FCW) reports people around the world already use Web 2.0 applications to share information, build virtual communities, and connect across geopolitical, sociological, and demographic boundaries. Our nation's next generation of government—Gov 2.0—has a unique opportunity to embrace these engaging technologies to respond to citizens with increased efficiency, transparency, and openness. However, to make Web 2.0 practical for government, one needs an enterprise IT strategy that provides appropriate security, scalability, and interoperability. On February 17, 2009, President Obama signed the largest spending bill (ARRA) into law. The ARRA allots $7.2 billion for expanding broadband connections to rural and underserved areas where several HBCU/MIs make their home. FCC's National Telecommunications and Information Administration will dole out $84 million in grants by October and $756 million in fiscal 2010.

*Government Computing News* (GCN) recently reported while the Obama administration and Congress have started dealing with economic issues, agency Web teams have been setting up sites that help carry out the Administration's goals of the economic stimulus work.

Treasury and HUD also have launched Web sites which help home owners understand the Obama Administration's Making Home Affordable loan modification and refinancing programs. More features will be unveiled in the upcoming months bt

**"100-Days" –** *from Cover Page*

days include the following technical events and milestones that may be of interest to BDPA members.

**JAN 20 —** Historic Inauguration Day & Galas

**JAN 20** — New White House Website launched at 12:01 pm EST: **www.whitehouse.gov**

**JAN 20 —** President keeps his PDA, with caveats

**FEB 05** — DTV transition postponed until June 12th

**FEB 17 —** President signs $787 billion stimulus bill into law at the solar-powered Denver Museum of Nature & Science

**FEB 17 — GRANTS.gov**; Website updated

**FEB 27** — **USA.gov** Website announces migration to cloud computing environment

**MAR 05** — President appoints Vivek Kundra as CIO; **RECOVERY.gov** and **BUSINESS.gov** update Websites

**MAR 15 —** Space Shuttle *Discovery* leaves Earth; President talks with astronauts aboard Space Station

**MAR 20** — President authorizes $24 Billion competitive grant program for batteries to run electric cars

**MAR 27** — GSA signs deals with Web 2.0 providers ***Flickr***, ***YouTube***, ***Vimeo***, and ***blip.tv***

**APR 18** — President appoints Aneesh Chopra as CTO

**APR 22** — Earthday; **EPA.gov**; announces related events and GREEN [IT] initiatives

**APR 30 —** Day 100

Visit **bdpatoday.org** for daily newsletters, related articles and industry newsfeeds.

# BDPA-DC Regional Technology Conference

BOWIE STATE UNIVERSITY
*Prepare For Life*

## June 19-20, 2009

- ✓ BSU Alumni Weekend
- ✓ National Capital Region Career Fair
- ✓ Technology & Career Workshops
- ✓ Regional High School Computer Competition (HSCC)
- ✓ Regional IT Showcase
- ✓ Advanced Planning Briefing to Industry (APBI) for Fiscal Year 2010
  - **Small Businesses and Entrepreneurs**
- ✓ Advanced Planning Briefing to Interns (APBi) for Fall 2009
  - **College and High School Students**

**Register Online by June 15**
**www.ncr-bdpa.org**

For more information on BDPA, BDPA's academic, public, and private sector engagements, visit the organization's Groupsite enhanced by CollectiveX. **http://bdpa.collectivex.com**

BDPA

# 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.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.**

## High Performance Computing (HPC) and High School Computer Competition (HSCC) Opportunities for Youth

**Washington**—BDPA, participating BDPA chapters, and Joint Educational Facilities (JEF) have announced emerging technology opportunities for students. 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 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 this 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 Summer and Fall 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**

Salisbury Street View of Raleigh Convention Center - photo by J. Moore

EXHIBITS & SPONSORSHIP:
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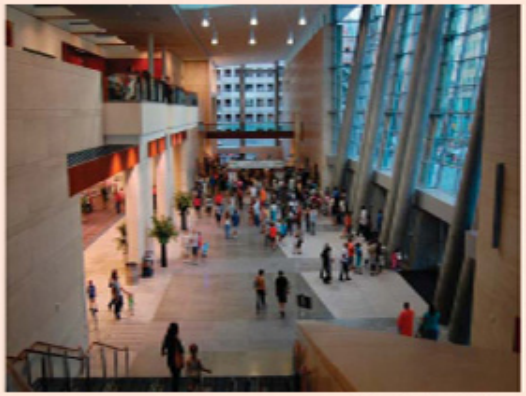
CONFERENCE INFORMATION:
CONFERENCE@BDPA.ORG

WEBSITE: WWW.BDPA.ORG



Main Lobby
Raleigh Convention Center

## VISION:

"To be a powerful advocate for our stakeholders"

## MISSION:

"To be a global member focused technology organization that delivers programs and services that serve the professional well-being of its stakeholders."

## FOUNDED:

Black Data Processing Associates (BDPA) is a national non-profit professional association founded in 1975 in Philadelphia, PA.

## STAKEHOLDERS:

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Educational Institutions

and our Community.

*Challenges for Today; Strategies for Tomorrow*


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BDPA IT THOUGHT LEADERSHIP

# 2009 BDPA National Technology Conference

## August 5 - 9

Shimmer Wall view at night - photo by Holly Jacques

Challenges for Today; Strategies for Tomorrow

# Meet the 2009 Honorary Chairs

BDPA

**Charles Brandquist**
**VP, HR & Recruitment**
**Credit Suisse**

Since 2004 Charles Brandquist has been instrumental in leading the growth and development of Credit Suisse's presence in the Research Triangle Park in Raleigh-Durham, North Carolina. Prior to joining Credit Suisse in 2002, Brandquist was a partner in a boutique executive search firm in New York specializing in the Investment Banking, Technology,Publishing, Advertising, and Insurance industries.

**Marc Di Francisco**
**Founder & President**
**Premier Events Management**

Marc Di Francisco is founder and President of Premier Events Management, producers of The CIO Forum & Executive IT Summit. The CIO Forum & Executive IT Summit works with Regional Chapters of the Society for Information Managers (SIM) to administer programs approved by CIO's in each region.

**Russ Mayer**
**Executive VP & CIO**
**GE Healthcare**

Russ Mayer is the Executive Vice President and Chief Information Officer of GE Healthcare, a $17B division of General Electric. GE Healthcare is the global leader in medical Diagnostic technology, information systems and Biosciences. Russ is a former Senior Vice President of Information Technology and Chief Quality Officer of NBC.

**LaVerne H. Council**
**VP & CIO**
**Johnson & Johnson**

LaVerne Council accepted her current position at Johnson & Johnson in 2006 as a proven thought leader with a demonstrated track record of achievement that includes a wealth of global experience in information technology, supply chain management, and business operations.

**Leroy Hill**
**President**
**Yorel**

Leroy Hill is President and Chief Executive Officer of Yorel Integrated Solutions, Inc., a company he founded in June 1993. Headquartered in Charlotte, NC, Yorel is a privately held company that works with customers to solve business problems through forward-looking IT optimization solutions.

**Gail M. Roper**
**CIO - City of Austin, TX**
**Formerly CIO - City of Raleigh, NC**

Gail M. Roper has over 25 years experience in the technology industry in the public and private sectors. Roper joined the City of Austin, TX as Chief Information Officer in February of 2009. She is affiliated with various technology organizations that focus on providing technology solutions for community based initiatives.

**Martin Davis**
**VP & CIO**
**Wachovia Corporation**

Martin Davis joined Wachovia in 1985, and has previously held several positions in the technology industry to include but not limited to CIO, Commercial Technology; Senior Technology Officer, Wealth Management; Senior Vice President and Group Executive, Information Services.

**Cynthia Marshall**
**President**
**AT&T NC**

Cynthia Marshall has 27 years of experience in the telecommunications industry, joining Pacific Bell in July 1981 as a Group Manager in Operator Services. After serving as Senior Vice President – Regulatory and Constituency Relations for AT&T California, she was named to her current position in January 2007.

**Dr. Lenny Superville**
**Chairman & CEO**
**Infosysarchitecture**

Dr. Lenny Superville is CEO of Infosysarchitecture and has over 30 years of experience in information technology arena with a variety of clients including government, commercial and academic sectors. He formerly served as Certified Government CIO for North Carolina's Office of the State Auditor, and Senior Technology Advisor to the NC State Auditor.

## 2009 BDPA National Technology Conference Events

**Wednesday, 8/5**
Opening Ceremony
Adult & Student Workshops

**Thursday, 8/6**
IT Showcase
Youth Technology Camps
Adult & Student Workshops

**Friday, 8/7**
Technology Expo &
Career Fair
Adult & Student Workshops
Dignitaries' Reception

**Saturday, 8/8**
Golf Classic
Technology Expo &
Career Fair
Awards Gala

**Sunday, 8/9**
Prayer Breakfast

Note: BDPA Conference Events and Workshops will be held at the Raleigh Convention Center, Raleigh Marriott and Sheraton Hotels.

# 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 held last year in Atlanta, GA.

## Call for Papers

**Regional BDPA IT Showcase**
**Bowie State University | MD**
**June 19-20, 2009**

2008 Sponsor
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## 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***

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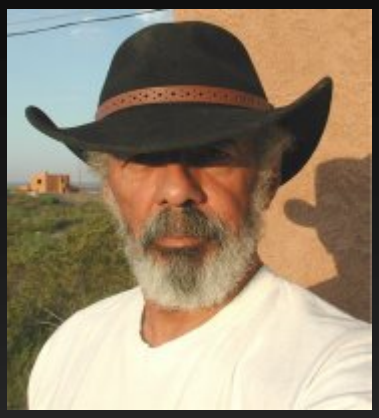
small-company environment
big-company impact



# In Memoriam

## OLLIE MORGAN
## (1944 - 2009)

BDPA's Education and Technology Foundation (BETF) Blog was saddened to report the passing of Ollie Morgan on Monday, March 2, 2009 in Las Cruces, New Mexico. The late Ollie Morgan is a legend within the BDPA family. Ollie was a staunch advocate for community development, entrepreneurship, and free speech. Ollie served on the National BDPA Board of Directors (NBOD) for several years as BDPA's Chicago chapter president, national president and immediate past president.

Over the past decade he was an author and photographer living out his dreams in New Mexico. Ollie was a key player in the growth of BDPA's corporate sponsorships and corporate involvement. He created the concept known as ***Corporate Advisory Councils*** (CACs). BDPA now has several active CACs in many of our larger and more successful chapters around the nation. Ollie was among the first of our NBOD members to fully understand the importance of developing 'return on investment' value propositions--a vision turned into record-setting corporate sales revenues coming into his local BDPA Chicago Chapter and subsequently streaming into National BDPA.

Ollie was both a role model and mentor for those who served on National BDPA's Communications Committees in the early to mid 1990's. He was a very prolific writer. His articles for or about BDPA appeared in the ***National JOURNAL***, ***BDPA Chicago PROFESSIONAL*** newsletters, and BDPA's ***I+PLUS Magazine***. In 1996, BDPA teamed with then US Black Online (USBOL) to provide some of Ollie's content, BDPA news, and related articles for the launch of ***bdpa.org***. During the 1993-1995 era, BDPA adopted Ollie's version of today's "***Publish or Perish***" mantra which has been a defacto motto of university researchers for decades. As BDPA and its communications teams continue to stand upon his shoulders, we hope Ollie Morgan becomes a charter member of the ***BDPA Hall of Fame***.

- *Ed.*

## 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

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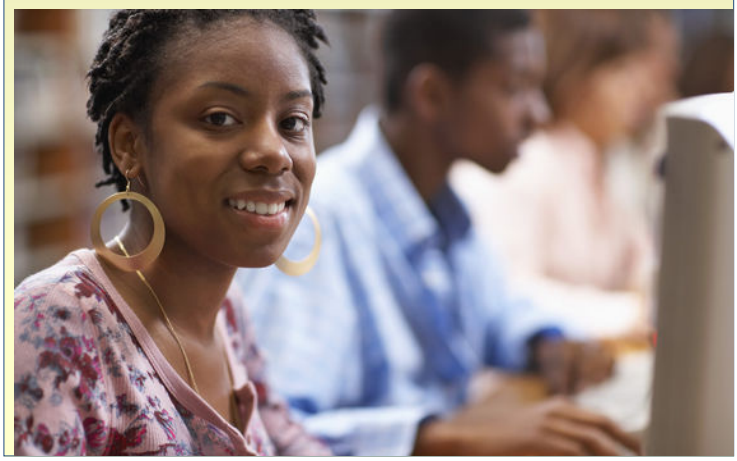

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# Career Upgrade Connections

**In 2009, BDPA Chapters invite new communities to grow with us for our next 30 years linking professional development, and community technology 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:

- CES 2009 (Las Vegas)
- America's new 111th Congress
- Inauguration of a new President
- Lotusphere 2009 (IBM | Orlando)
- Black Engineer of The Year Awards
- BDPA Day-On-The-Hill
- ITSMF Symposium and Gala (Dallas)
- SAPPHIRE 2009 (SAP | Orlando)
- FOSE 2009 (Washington)
- TeraGrid '09 (Washington)
- Regional HSCC Competitions
- National BDPA Technology Conference (Raleigh, NC)
- National IT Showcase (Students)
- National HSCC Competition (Youth)
- Legislative Conference (CBCF/ALC)
- BDPA @ HBCU Football Classics
- Supercomputing 2009 (Portland, OR)
- I/ITSEC 2009 (M&S | Orlando)
- 2009 BDPA Chapter Awards Galas

**Corporate sponsorships and member discounts are available by joining a local BDPA Chapter:**

**www.bdpa.org**
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## 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 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

**STEM** – *from Cover Page*

learning. No matter how many technology people are available in a given school, and even if there are updated computer or technology labs, parents and teachers must familiarize themselves with all media, courseware, and available software so they are fearless with its uses to empower today's youth.

To that end, local BDPA chapters feature wide varieties of professional and youth development programs spanning most STEM disciplines to assist local communities and 501 (c)(3) not-for-profit groups. Moreover, BDPA chapters are nimble enough to adjust their respective member services portfolios to support existing charitable programs by incorporating professional or youth oriented STEM projects with existing training or economic development programs.

BDPA Chapters with high school computer competition (HSCC) or IT Showcase programs already have aligned themselves with local high schools, community colleges, or universities to provide greater STEM opportunities to student members and small businesses within their respective communities.

Participating BDPA Chapters that have Historically Black Colleges and Universities or Minority Institutions (HBCU/MIs) within their service areas of responsibility have started to work much more closely together to meet or exceed emerging STEM requirements expected from most growth industries. bt

**bdpatoday** | "**Educate To Elevate**" – Every February, Career Communications Group (CCG) and the City of Baltimore host the annual Black Engineer of the Year Awards (BEYA). This year, BDPA Richmond Chapter students (*photo below and inset*) showcased their presentation skills and robot kit assembly talents during BEYA Science Technology Engineering and Math (STEM) workshops. National BDPA President Denise Holland (*first row, third from the right*), and chapter executives from Baltimore, Northern Delaware, Philadelphia, Richmond, and Washington, D.C. participated in this year's events.

**bdpatoday**

## GREEN IT - Industry Trends and STEM Career Opportunities

OAKLAND, CA—Greener World Media, Inc. is the first media company focused exclusively on the greening of mainstream business and technology. Greener World Media's Web sites and newsletters, led by GreenBiz.com®, are designed to serve professionals and opinion leaders across a broad range of industries and job functions. GWM aims to provide clear, concise, accurate, and balanced information, resources, and learning opportunities to help companies and organizations of all sizes and sectors integrate environmental responsibility into their operations in a manner that supports profitable business practices.

Recently, Greener World Media launched the GreenBiz Leadership Network, a member-based, peer-to-peer learning forum for sustainability professionals. Members of the new network, including senior environmental executives from global 1000 companies, meet twice yearly and participate quarterly on interactive teleconferences targeted to specific business functions such as supply chain or product design, or other pressing issues identified by the group. In addition to documenting those interactions and insights, various teams produce two major themed reports per year which integrate leading practices from members along with other stakeholder inputs. bt

**For current and *greener* IT career opportunities, visit: http://jobs.greenbiz.com**

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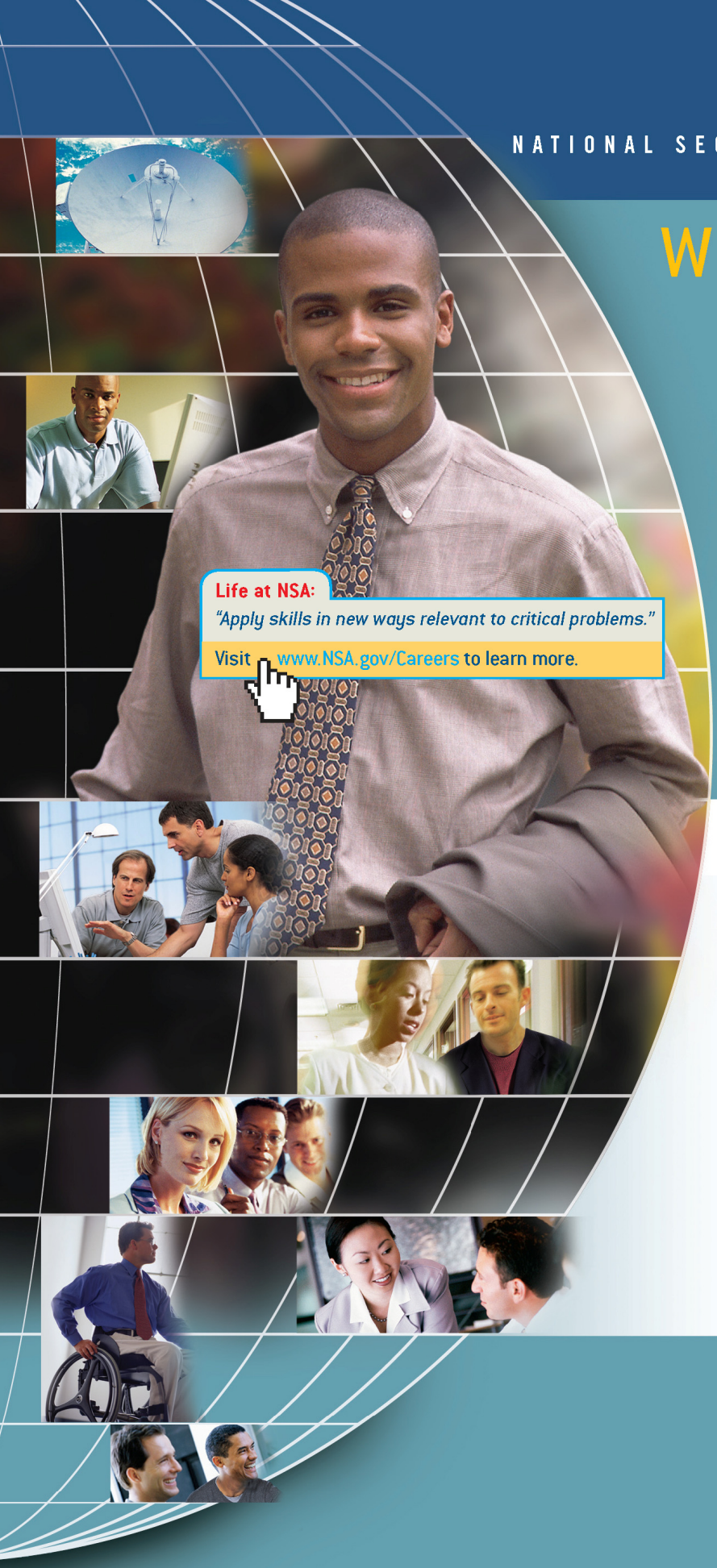


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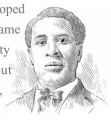

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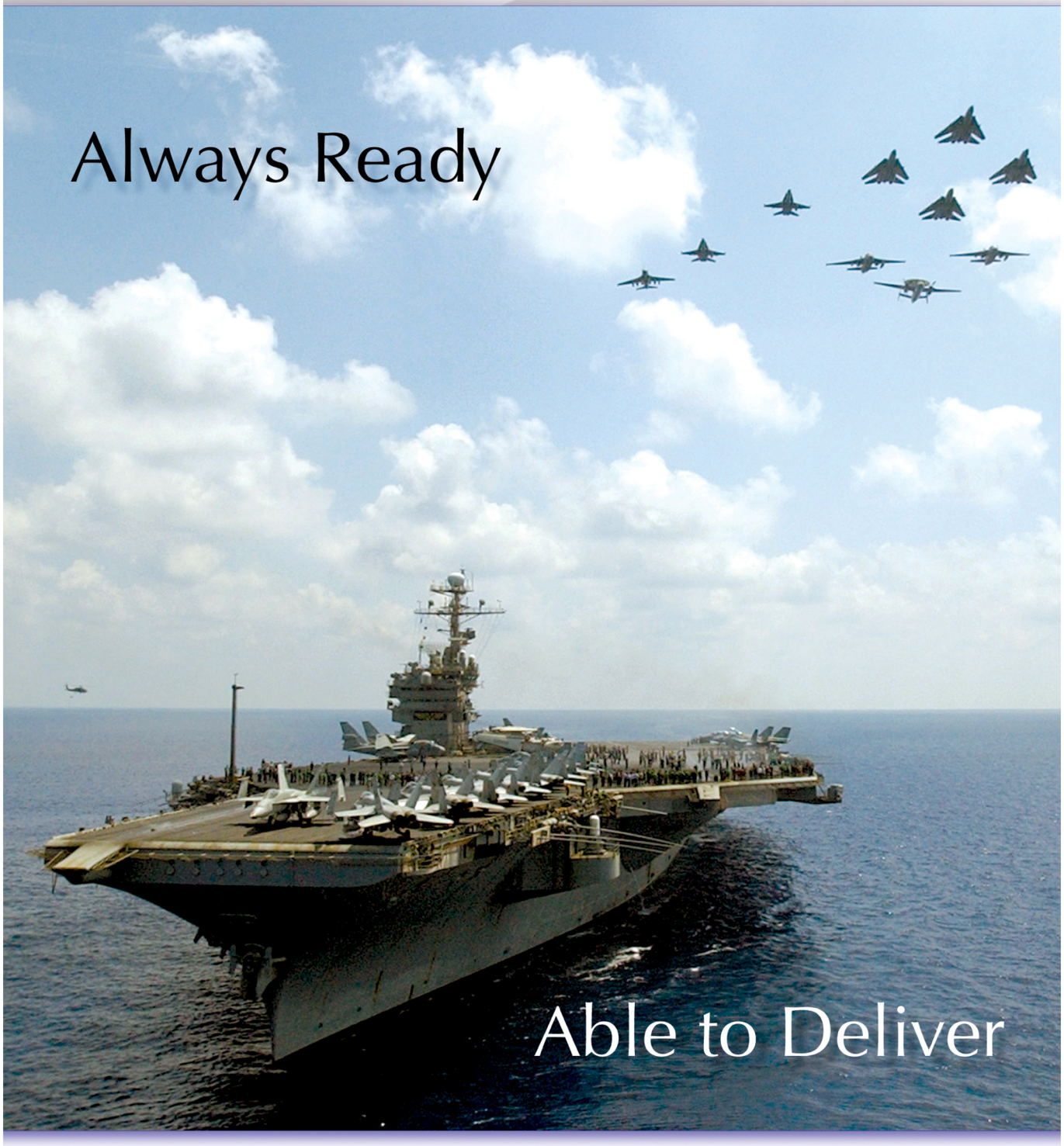


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