

Volume 30  
Issue 01.08

# Neighborhood *connections*



High Performance Computing  
"HPC 101"

*IT's* Thursday, January 24<sup>th</sup>, 2008. Everything one may want to know about high performance computing, the "TeraGrid," "Internet2," "Web 3.0," and "our next steps" but are afraid to ask will be covered in layperson's terms exclusively for general audiences during the next program meeting of BDPA's Washington, D.C. Chapter. Non-technical professionals in the Washington, D.C. area are cordially invited to attend.

## bdpatoday

Washington, D.C. Edition

January 2008

BDPA is exploring high performance computing (HPC,) or a more current and evolving definition of HPC referring to High Productivity Computing, and reflect the purpose and use models of existing and evolving architectures, the supporting ecosystem of software, middleware, storage, networking and tools behind our next generation of applications currently under development.

While engaging in our interactive presentation, discover how current off-the shelf products, computer clusters and super computers will be leveraged to help Defense and civilian agencies, municipalities, schools, and corporations apply commercial HPC uses to new line-of-business (LOB) applications, modeling and simulation (M&S), and transaction processing in very basic terms. Community and church groups are welcomed. Register today for this exciting event by visiting: [www.bdpatoday.org](http://www.bdpatoday.org)  
From your BDPA menu bar, click: **Events**

Explore technology trends in 2008 and beyond with region's BDPA chapters and special interest groups. Analysts, venture capitalists, and lobbyists speculate on area's new IT business models.

**Industry Prepares for Web 3.0**  
Project10X — a research consultancy specializing in next wave semantic technologies

Project10X's landmark industry study charts the evolution of semantic technologies and the growth of multi-billion dollar markets for Web 3.0 products and services. The technology section of the report examines five strategic technology themes and shows how innovations in these areas are driving development of new categories of products, services, and solution capabilities.

These themes include: executable knowledge, semantic user experience, semantic social computing, semantic applications, and semantic infrastructure. The study also examines the role of semantic technologies in more than 100 application categories. According to Government Computing News (GCN), today's collaborative technologies will seem very primitive in a few years when Web 3.0, connecting knowledge, and Web 4.0, connecting intelligence, evolve. Our technology will continue to  
*See Tech Trends on page 3*



and solutions provides groundbreaking technology and market research in a recently published industry study.

### INSIDE THIS ISSUE:

- Emerging Technologies and IT Trends for 2008 [1]
- SC08 | Broader Engagement (BE) Program [5]
- CompTIA Certifications—Upgrade Your Career [5]
- BDPA-DC 2007 | Our Washington's Year In Review [6]
- ¡LISTA! | Latinos in Information Sciences and Technology [7]
- NBDPA Introduces '08 Balanced Scorecard for Chapters [7]





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 2007 and Spring 2008 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](http://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

*Tech Trends from Cover Page*

evolve because of the Medici Effect—the best and brightest will seek one another and collaborate to innovate, facilitated by the technology itself. Governments will evolve from vertical “stove-pipe” hierarchies into horizontal service delivery systems.

**And Today?**

Venturebeat.com lists domestic technologies we can expect to see emerging in 2008. These are not just technologies we may import from abroad but solutions we can

export to global trading partners. As mentioned earlier, Semantic Web slowly will begin to gel. Other technologies include, but are not limited to:

- Serious games
- Virtual currencies
- Location-based mobile services
- Mobile videoconferencing
- Interactive TV
- Virtualization 2.0

**Experts and CxO Predictions**

Both CIO.com and Gartner list similar trends. It is recommended that organizations factor these technologies into their respective

*...the best and the brightest will seek one another and collaborate to innovate, facilitated by the technology itself. Vital information is knowledge—once shared.*

strategic planning processes by asking key questions and making deliberate decisions. Related factors include strategic risks of being late to adopt, high dollar investments,

and high potential for disruption to IT or the business at hand. “Metadata Management”, “Computing Fabric”, “Mashup and Composite Apps” may open new niche markets for BDPA innovators.


**02.01.08 – Launch an Interest Group**



In February, new BDPA-DC members and community leaders will be invited to launch industry-specific Special Interest Groups (SIGs) and neighborhood Chapter Interest Groups (CIGs) to expand committee services and chapter programs to emerging communities within the National Capital Region (NCR).

New SIGs may include growth areas such as Standards, High Performance Computing, Modeling & Simulation, Intelligent Transportation Systems, Robotics (Unmanned Vehicle) software, Serious Games (beyond Xbox, Wii, and PSP), or Web 2.0.

New BDPA CIGs are forming in this region to provide services to Anne Arundel, Charles, Howard, Montgomery, and Prince George’s Counties in Maryland. To schedule a BDPA CIG event near you, visit our website at [www.bdpa-dc.org](http://www.bdpa-dc.org) for the latest details, meeting locations, and contact information.



**TeraGrid '08**  
June 9-13, 2008

**Riviera Hotel**  
Las Vegas, Nevada



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



**REAL GRID SOLUTIONS**  
**REAL BUSINESS VALUE**

**bdpatoday** | Membership: **\$75** per year or **\$15** for students | <https://map.bdpa.org>  
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](http://www.bdpa.org) or by calling **1.800.727.2372 (BDPA)**. **bdpatoday** (Washington, D.C. Chapter Edition) is published by the Washington, D.C. Chapter’s Communications Committee, mailed to BDPA-DC Chapter 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, graphics © JupiterImages™. **bdpatoday** now is available for immediate online publishing of IT industry, BDPA Chapter news, and community events. Send articles, events, or images to: [info@bdpatoday.org](mailto:info@bdpatoday.org)  
Review local BDPA Chapter insertion and advertising deadlines using Chapter online Events Calendars.



*Where Technology Meets Imagination<sup>SM</sup>*

**BDPA-DC Chapter**  
**Multimedia Sponsor**  
**[www.tecmasters.com](http://www.tecmasters.com)**  
**ISO 9001:2000 | SEI CMM Level 2**

What's the **Pulse** of your Diversity Program?

Lockheed Martin  
 Apple Computer  
 Boeing  
 Mercedes-Benz  
 Johnson Controls  
 General Dynamics  
 Raytheon  
 Entergy  
 Texas Instruments  
 MITRE  
 DaimlerChrysler  
 Sun Microsystems  
 Dominion Resources  
 Northrop Grumman  
 IBM  
 General Motors  
 U.S. Army-ROTC  
 UPS  
 Booz Allen Hamilton  
 Gulfstream Aerospace  
 Aerotek  
 Wal-Mart  
 Fluor  
 Guidant  
 Corning  
 Cisco Systems  
 Department of Defense  
 U.S. Air Force  
 Mitretek Systems  
 EDS  
 U.S. Army Corps of Engineers  
 Ford Motor Company  
 U.S. Navy Recruiting Command  
 Lockheed Martin  
 Apple Computer  
 Boeing  
 Mercedes-Benz  
 Johnson Controls  
 General Dynamics  
 Raytheon  
 Entergy  
 Texas Instruments  
 MITRE  
 DaimlerChrysler  
 Sun Microsystems  
 Dominion Resources  
 Northrop Grumman  
 IBM  
 General Motors  
 U.S. Army-ROTC  
 UPS  
 Booz Allen Hamilton  
 Gulfstream Aerospace  
 Aerotek  
 Wal-Mart

Providing Corporate Solutions for Minority Talent Management



ATTEND THE 22<sup>ND</sup> NATIONAL BEYA SCIENCE, TECHNOLOGY, ENGINEERING & MATH GLOBAL COMPETITIVENESS CONFERENCE

FEBRUARY 14 - 16, 2008  
 BALTIMORE CONVENTION CENTER  
 BALTIMORE, MD

Register today at [www.beya.org](http://www.beya.org)  
 or call 410-244-7101 for more information

Hosted by:

LOCKHEED MARTIN 

USBE&IT Magazine

The Council of Engineering Deans

Don't Miss This Extraordinary Event!



CAREER  
 COMMUNICATIONS GROUP, INC.

# Neighborhood Connections

In 2008, BDPA's Washington, D.C. Chapter invites new members to celebrate with us our 30 years of service and youth development.

## 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 2008:

- Black Engineer of The Year Awards
- BDPA-Day-On-The-Hill
- BDPA-Day @ Annapolis
- ITSMF Symposium and Gala
- FOSE 2008
- National Harbor Conventions
- Regional BDPA Golf Classic
- Regional HSCC Competition (Youth)
- Regional IT Showcase (Students)
- TeraGrid '08
- National BDPA Conference
- National IT Showcase (Students)
- National HSCC Competition (Youth)
- Legislative Conference (CBCF/ALC)
- Prince George's Football Classic
- Supercomputing 2008 (SC08)
- BDPA-DC 30<sup>th</sup> Anniversary Gala

[www.bdpa-dc.org](http://www.bdpa-dc.org)

Corporate sponsorships and member discounts are available by contacting the Washington, D.C. BDPA Chapter:  
[washingtondc@bdpa.org](mailto:washingtondc@bdpa.org)  
202.659.5367 — or — 703.627.8257

## SUPERCOMPUTING 2008 CONFERENCE PREVIEW

### SC08 Broader Engagement (BE) Program

SC08 is committed to broadening participation in the conference and to the engagement of individuals from around the globe, in groups and disciplines that traditionally have been underrepresented in high performance computing or at the SC Conference series. The breadth and depth of SC08 will provide unparalleled opportunities for learning about innovations in high performance computing, networking, storage and analysis. The Broader Engagement (BE) Program strives to identify and involve those individuals from underrepresented communities who have an interest in high performance computing.

### Mentorship Programs

The mentorship program that started last year at SC07 will continue at SC08. In close collaboration with the Education Program, student volunteers and SC exhibitors, BE is endeavoring to grow its mentorship program. The program plans to continue the formation of mentor/protégé pairs, and develop informal opportunities through coffee or lunch meetings with scientists and industry leaders to encourage networking bridges that benefit the participants involved in the program and hopefully beyond. JEF and BDPA-DC have additional information for local teams. Visit: [www.bdpa-dc.org](http://www.bdpa-dc.org)



**November 15-21, 2008**  
**Austin Convention Center**  
**Austin, Texas**

[sc08.supercomp.org](http://sc08.supercomp.org)

[bdpa@sc08](mailto:bdpa@sc08)

Support Teams are now forming for this year's high school and college student participation during featured technology expos, IT conferences, IT Showcase and BDPA HSCC events. Parents and sponsors are invited to participate and assist area students with research concepts and development projects. Contact the JEF Center at: **202.584.1898**

## An *A+* With Helping Hands for BDPA Careers\$

**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 2008 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 while promoting economic development.



© BDPA-DC

BDPA-DC is privileged to work with dedicated volunteers and corporate sponsors assisting area youth to identify and qualify for internships, scholarships, and a coveted slot on our nationally ranked High School Computer Competition (HSCC) teams. Pictured above (standing l-r) are Ed Yeldell [QinetiQ], BDPA-DC's HSCC Coordinator; Christopher Lindsay; Lou Shack [D.C. Court System], Application Development Coach; Airrick Woolen; and Rod Edwards [CONCUR], Web Development Coach. Seated (from l-r) are Turkenya Herring, Francisco Nuñez, and Tarik Massac. In 2007, our regional sponsors included *BE-100* firms RS Information Systems (RSIS), Tec-Masters (TMI), and the Howard University School of Business.

- A+ AFCEA AI AJAX ATIA BETF BPM BSC
- C4I CEGOM CES CISSP CMM COE COOP COTS
- CRM CSS CxO DARPA DISA DISN DoD DSCS
- EBIDTA ERP FCW FDCC FISMA FLOPS FOSE
- FPRA FSIO GAAP GEIA GIG GPS HBCU HDTV
- HIPAA HOPI HPCC HSCC HSPD-12 INTERNET2
- IP IPv6 ISO ISSA ITAA ITEC4 ITIL ITSA ITSMF
- JEF KM KPI LOB M&A M&S MathML MAX
- MDDCSDC NCSA NDIA NIEM NIST NMCI
- NOC NSF OOD ORNL OSX PHP PMI PMP
- RFID ROI RSS SADBUN SAN SAP SBA SCAP
- SCO8 SEI SOA SOAP SOLD SarbOx TCM
- TIA TS/SCI W3C WIKI WSDL XML

- Acronyms are BDPA's and ITSMF's *lingua franca* in DC
- Presented during BDPA-DC's January Program Meeting



# INFOTEK INTERNATIONAL INC. HONORS DR. MARTIN LUTHER KING, JR.

January 15, 1929 - April 4, 1968

Tiger Woods Serena Williams Barack Obama Sheila Dixon Denyce Graves Russell Simmons Clarence Thomas



"We are not makers of history.

We are made by history."

*Martin Luther King, Jr.*



Charlie Sifford Althea Gipson Shirley Chisholm Sharon Pratt Marian Anderson Reginal Lewis Thurgood Marshall

Infotek International  
21 Industrial Park Dr.  
Suite 204-H  
Waldorf, MD 20602  
301.843.6000  
www.infotek-intl.com



**Dr. Jesse Bemley**  
Founder

## Joint Educational Facilities

Advancing computational sciences with contemporary math for area youth is one of the region's best inside tracks for scholarships, intern opportunities, and professional development prior to entering the workforce. Over 200 students have graduated from college after successfully completing various programs offered by JEF.

Joint Educational Facilities, Inc. (JEF) is an all-volunteer non-profit community-based K-12 organization that works primarily with junior and senior high school students and teaches them advanced computing sciences and contemporary mathematics topics with an emphasis on Intelligent Technologies. Led by Dr. Jesse Bemley and a team of volunteers, JEF continued its work in 2007 by supporting BDPA, its chapters, and promoting BDPA's annual IT Showcase. The long-term goals for JEF are developing strategies

(high school and undergraduate) published in professional technical publications and doing presentations at national and international conferences or symposia and 2) to provide more students who can and will successfully move through the science and engineering pipeline from secondary school to doctorate degrees. Dr. Bemley is the Washington, D.C. BDPA Chapter's Vice President for Strategic Planning and will be the chapter's featured speaker during January's Program meeting. Register today by visiting: [www.bdpa-dc.org](http://www.bdpa-dc.org)

## NBDPA Balanced Scorecard for FY-08

### Local BDPA Chapter goals, objectives, and metrics established

Denise Holland [BDPA-Baltimore] began her two-year term as BDPA's new National President this month. During last quarter's National Board of Director's (NBOD) meeting (4Q-07), her task force and BDPA's National Executive Committee (NEC) team published a Balanced Scorecard (BSC) for BDPA Chapters. Our BSC provides a framework for designing metrics, a set of measures, for specific activities chosen by each chapter as being the primary drivers of programs, service delivery, and compliance controls.



**Denise Holland**  
NBDPA President  
2008-2009

through dynamic balancing of competing values. In order for chapters to optimize economic value within their respective communities, each must balance member satisfaction and local market forces with internal costs and chapter growth considerations.

### Goals and KPIs

Although our BSC is not a multiple framework (inclusion of legislators or suppliers,) BDPA's BSC advocates a top-down approach to business performance management. By having four (4) distinct perspectives (financial, customer, internal process and innovation, and learning) we promote a more holistic balanced view of BDPA and key performance indicators (KPIs.) Visit our Chapter's Welcome Centre to view FY-08 BSC goals and updates: [www.bdpa-dc.org](http://www.bdpa-dc.org)

### Stakeholder Value

The single most important goal in our organization is to increase stakeholder value. Nationwide, BDPA chapters strive to achieve this goal

### LISTA | Latinos in Information Science and Technology Association



### BDPA + LISTA

On October 25, 2007, LISTA and BDPA representatives attended LISTA's National Technology Achievers Awards Gala in Washington, D.C. Pictured above (l-r) are Perry Carter [Tec-Masters], President, BDPA-DC Chapter; Andres Jordan [Deutsche Telekom/T-Systems], President, LISTA-DC Chapter; Dwight Handon [Freddie-Mac], President BDPA-NoVA Chapter; and José Marquez-Leon, President and CEO.

BDPA and LISTA continue to support each other's goals, technical programs, and initiatives by providing scholarships, intern opportunities, training, education, and outreach programs to underserved communities. In 2007, New York, Northern Virginia, and Washington, D.C. Chapters of BDPA attended various corporate award ceremonies in direct support of contributions made by LISTA members and corporate IT executives. In 2008, LISTA and BDPA will coordinate visits to Capitol Hill, jointly encourage trading partners to increase minority business outreach and contracting opportunities within the Tech Sector, and continue working with local communities to develop high school and collegiate team participation in this year's national technology conferences and trade shows. ¡Próspero Año Nuevo!





## Building a Legacy of Excellence

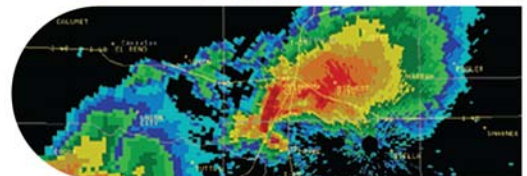
For nearly 15 years, with the guidance and vision of our President and CEO, Rodney P. Hunt, RS Information Systems, Inc. has effectively leveraged business process re-engineering, information technology, engineering management, and scientific applications to become a leading African-American-owned federal service provider.

Through an early understanding of the value of diversity in the workplace, comprehensive business planning, performance-based support, strategic partnerships, and small business mentoring, we have solidified and expanded RSIS from a two-person company to a leader in our industry, which enables and empowers its customers to advance their missions.

One of RSIS' most important resources has always been our diversified talent base. Our workforce is comprised of 65% minorities, women, veterans, or disabled individuals, currently supporting 100 prime contracts with a wide range of defense, civilian, intelligence and law enforcement agencies.

A hallmark of Mr. Hunt's visionary leadership is his continual commitment to the company's mission, business niche, and our corporate values and ethics, which include supporting, honoring, and when possible, improving our employees, customers, partners, and communities.

As we continue to build a broad-based legacy of excellence in the world of technology services, we are proud to honor and celebrate the success of like-minded organizations such as the Black Data Processing Associates. Keep up the good work.



RS Information Systems, Inc.  
1651 Old Meadow Road  
McLean, VA 22102 [www.rsis.com](http://www.rsis.com)





BDPA's career center has an updated resume databank to post resumes and career vitae for exposure to the best companies in the world for Information Technology positions at all levels. We have an excellent search facility in the form of a Job Bank that allows one to search for the perfect position for matching a specific skill set.

The career center has support services from career coaches that will assist users in getting careers back on track or reaching the next levels of advancement. These support services also extend to salary surveys thus allowing users to see how competitive a salary is in relation to other parts of the country and to other IT positions. These services allow users to view the fastest growing positions in the [IT] industry and connect with resources for a full job outlook.

The career center also supports IT college students with a Student Internship Program to include resources to assist first-time workforce entrants in securing desired college internships over the summer or any time during the course of a school year. BDPA should be one of the first stops in fulfilling all of your career goals and meeting IT professionals in every industry sector.

Your next opportunity to network and interface with business leaders and hiring managers with BDPA is during our Martin Luther King, Jr. celebration in Prince George's County on **January 17, 2008** and **January 24, 2008** in Washington, D.C. before and after Chapter Program Meetings. Registration information is available by visiting "Events" online:

[www.bdpa-dc.org](http://www.bdpa-dc.org)



Send IT job announcements and web banner links to: [info@bdpatoday.org](mailto:info@bdpatoday.org)

**Database Management Specialists  
Salary to \$90K**



Provides highly technical expertise in the development and use of the SEVIS DBMS. Evaluates and recommends available DBMS products and techniques to support the SEVIS program requirements. Defines and develops file organization, indexing methods, and security procedures for SEVIS applications. Able to prepare and deliver quality presentations on data base management systems (DBMS) concepts.

- **Work Location:** Washington, D.C. area
- **Travel:** Local or attending conferences
- **Position Prerequisites:**  
Must be a U.S. Citizen with a minimum of 5 years IT experience  
Bachelor's Degree or equivalent years of working experience  
Candidates with DHS ICE or DoD Secret Clearance preferred (otherwise, candidate must be able to successfully obtain a DHS Clearance)  
Strong communications skills  
Experience in working directly with customers  
Some working knowledge of Java/J2EE and CMM/CMMI practices are a plus

Ability to develop software development life cycle documentation (e.g., Data Management Plans; System Design Documents, etc.)

Must be proactive in identifying Oracle improvements for current or future projects. Show initiative and creativity in developing innovative work-around solutions or new processes. Demonstrated experience with the entire software life-cycle of designing, building, deploying, and turning browser-based Internet applications with Oracle database as the backend.

*Deep knowledge of Data Modeling, PL/SQL programming including writing, debugging, and tuning is required. Experience with Oracle applications is expected. Must demonstrate excellent communication skills, verbal/non-verbal. Utilize the following tools (SQLNavigator, Toad, PL/SQL, Oracle Reports, and Designer 2000, Erwin) Knowledge of Oracle10g is preferred.)*

Resume with Cover Letter: [resumes@pinnacle-careers.com](mailto:resumes@pinnacle-careers.com)



Executive Search | Leadership Development | Strategic Diversity

**Please feel free to contact us at:**

**Response Group**  
1625 K Street NW Suite #904  
Washington, DC 20006  
(202) 628-2441  
[www.responsegroup.net](http://www.responsegroup.net)

BDPA-DC Engagement Partner: **Herman Scott**



- **Real Time Software Developers**  
Ada, C, or C++ using UNIX/IRIX/LINUX  
Huntsville, Alabama (U.S. Citizenship required)
- **Technical Writers**  
**Program Control Technology Specialists**  
**Database Developers** - Oracle, DB2, SQL  
**Software Developers** - C++, Java  
Washington, D.C. and Maryland

Visit [www.infotek-intl.com](http://www.infotek-intl.com) for specific information. Email a cover letter and resume to [resume@infotek-intl.com](mailto:resume@infotek-intl.com) with the **Job Title**.



**SYNC**  
Microsoft

© Ford Motor Company

## FORD SYNC, POWERED BY MICROSOFT

Ford Sync is a Ford-exclusive technology based on Microsoft's Auto software enabling consumers the convenience of bringing into their vehicles nearly any mobile phone or digital media player and operating it using natural voice commands, steering-wheel-mounted controls or traditional "old school" radio controls. Using Ford Sync's voice recognition software, users can now find songs on their personal digital music players or thumb drives by pressing the voice button on the steering wheel and speaking commands such as, "Play Jazz." Once synchronized with a *Bluetooth*<sup>®</sup> mobile phone, Ford Sync utilizes the phone's features, including caller ID, call waiting, conference calling, a caller log, a list of contacts, a signal strength icon, and a phone battery charge icon. All the features are displayed on the radio's display screen. When text messages are received, Ford Sync can notify the driver and *read* the text message out loud via text-to-speech capability. Sync will be available on 12 Ford Lincoln and Mercury products by the end of the year and on all U.S. Ford, Lincoln and Mercury products within two years. The first vehicles to receive Ford Sync will be the 2008 Ford Focus, Ford Edge and the Lincoln MKX shown above. For more information on automotive technologies and intelligent transportation systems, review previous issues of [bdpa\*\*today\*\*](#) and stop by this year's Auto Show at the Washington, D.C. Convention Center.

EXPERIENCE *Bluetooth*<sup>®</sup> technology  
at the 2008 Washington Auto Show, January 23-27, 2008  
powered by



The Washington Area New Automobile Dealers Association (WANADA) count nearly all franchised new car dealers around the Capital Beltway in DC, Suburban Maryland and Northern Virginia as members. A regional trade association in the Washington area, WANADA has over 220 new car dealers as members and another 75 "kindred line" members which interface these dealerships as contractors, service providers and consultants. WANADA has been a metro area business organization since 1917.

NATIONAL SECURITY AGENCY

# NSA

## Where Intelligence Goes to Work

It's about solving the toughest challenges. Taking the path never traveled. Using your intelligence and imagination to impact the world.

NSA is looking for intelligent and imaginative people to produce foreign intelligence information and protect U.S. information systems.

If you're ready to give your intelligence some competition, join NSA, where the top intelligence really matters.

### Life at NSA:

*"Apply skills in new ways relevant to critical problems."*

Visit [www.NSA.gov/Careers](http://www.NSA.gov/Careers) to learn more.

## 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.



[www.NSA.gov/Careers](http://www.NSA.gov/Careers)  
SECURING TOMORROW TODAY

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.

**BLACK HISTORY MONTH****Look for these features**

- **Black Engineer of the Year**
- **CES Review**
- **FOSE Preview**
- **Saying 'Goodbye' to Analog**

Your next issue features articles from industry trade shows, Capitol Hill, and a few special "IT" moments in Black History. Grants, small business trends, special scholarship announcements and summer intern information will be made available to BDPA members. Join or form a Chapter today!

- Annual Member Dues: **\$75**

- Student Member Dues: **\$15**

## Is BDPA empowering your Community?

BDPA, formerly known as Black Data Processing Associates, Inc., is a global member focused organization serving the professional well being of its stakeholders.

Throughout the Baltimore-Richmond corridor, BDPA chapters remain committed to their members and stakeholders by providing a wide spectrum of resources to students; corporate sponsors; small, women, veteran, and minority business owners; educational institutions and local communities. Regional BDPA chapters continue to work with and support technology councils, chambers of commerce, industry trade associations, and regional minority business development councils by supporting



information technology (IT) initiatives in public sector, private sector, and academia. Local BDPA chapter members are available to participate in Science Fairs, Career Fairs,

Career Day, or other technical venues requiring industry speakers and senior technical presenters. BDPA's extensive network of chapters nationwide provides members and students access to professional support for those attending area colleges or universities. BDPA also provides outreach programs for professionals seeking career growth opportunities, [BRAC] relocation, or placement assistance. Start a new BDPA Chapter Interest Group (CIG) or Special Interest Group (SIG) today. Establish relationship grids with BDPA.

**Visit us at [www.bdpa-dc.org](http://www.bdpa-dc.org)**



611 Pennsylvania Avenue, S.E.  
Suite #213  
Washington, D.C. 20003-4303

FIRST-CLASS MAIL  
AUTO  
U.S. POSTAGE PAID  
WASHINGTON, DC  
PERMIT NO. 783