achnology for Emerging Communities

Volume 30 Issue 06.08

BDPA Industry Day – PART II

- Regional HSCC Competition
- Regional IT Showcase
- BDPA Town Hall Meeting

Bowie State University to Host 2008 BDPA Regional Meeting

June 21ST 2008 | 8 AM - 3:30 PM

IT'S Saturday, June 21, 2008 — Bowie State University is hosting this year's Regional BDPA Meeting for members and students interested in furthering their goals and careers in information technology, communications and related technical fields in other industries.

BDPA-DC's next event following this month's regional meeting will be BDPA's National Technology Conference in Atlanta, Georgia, from August 6 to August 9, 2008. New members and prospective interns are welcome. Current BDPA members are invited to take full advantage of this month's agenda and special events. including organizational discounts toward professional and industry networking opportunities. No formal BDPA DC Chapter activities are planned for July 2008 with the exception of HSCC training and HSCC fund-raising. Local businesses are encouraged to support regional IT programs. Corporate and individual lead opportunities for area youth.

For more details on these and other events, visit: www.bdpatoday.org
From your BDPA-DC.org menu bar, click: Events





bdpatoday

Washington, D.C. Edition

June 2008

Washington—June 3, 2008

This evening, BDPA Members

U.S. Senator First African-American to Claim Major Party Presidential Nomination

Information Technology—Digital Media, Social Networks, Blogs and new Internet strategies providing new pathways to the White House



bdpatoday Special Report

Photo credit: Chip Somodevilla I © Getty Images

[1]

witnessed an epic moment in history. A five-month primary season ended today with Senator Barack Obama capturing enough delegates from a major political party for nomination to the office of President of the United States. He is the first African-American candidate presumptively nominated to head a major party into a general election. This presidential cycle also becomes more newsworthy as it introduces unprecedented IT and Internet strategies while unleashing new multimedia doctrines, which may

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- SPECIAL REPORT | Internet+Advocacy; continues in next edition of bdpaloday



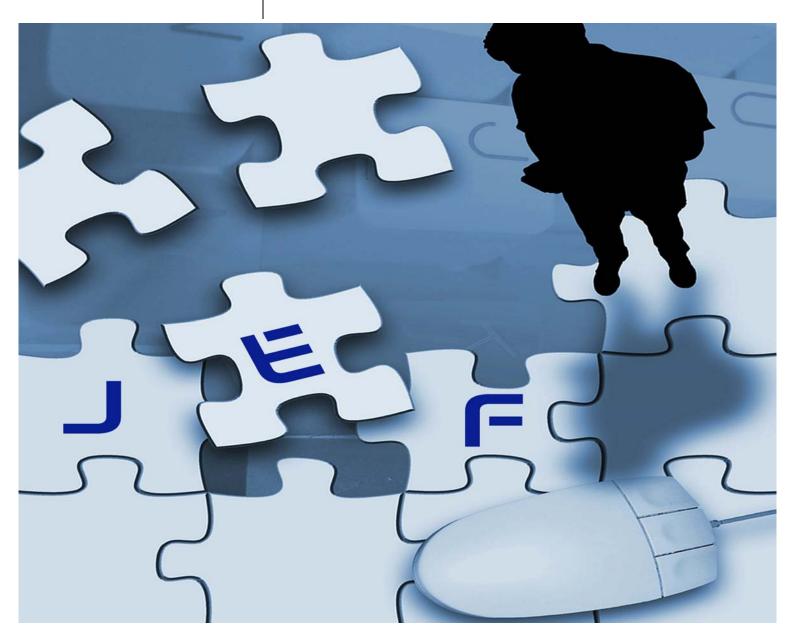
yield well over one billion dollars

a single campaign.

Celebrating 30 Years of Service



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 Spring and Summer 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

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

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

JEF | UNITED WAY Campaign: Write-Ins

Emerging Technology | Conference Call—BDPA '08

Harnessing Emerging Technology to Advance IT Careers

A 2008 National BDPA Technology Conference

Professional workshop forums are presented this year during the conference days of 6th Wednesday. August through Friday, August 8th. IT professionals seeking to build skills, define career directions, and climb the IT corporate ladder attend the **BDPA** National

Conference. The purpose of the adult workshop forum is to support these goals by providing IT specific workshops in leadership,

professional and
business development,
research, project
management, communications,
certification, and a host of
advanced technologies that
will provide a challenging

learning experience for attendees.

The Audience

The primary conference audience consists of multiple levels of IT professionals. from entry-level senior technologists to level and corporate managers executives. Entrepreneurs. and college students educators, also will in attendance. be Workshop content and Focus Areas include... instruction should be LEADERSHIP geared to a level that PROJECT MANAGEMENT is appropriate for your target audience. TECHNICAL SKILLS

Criteria

Proposals were solicited for 90-minute presentations that are interactive, creative, dynamic, and feature best practices in IT. Each presentation will provide a challenging IT learning experience. Presentation submission deadlines apply.





National BDPA is reaching out to industry experts, professionals and dynamic presenters to share their knowledge and expertise in information technology or communications through interactive workshops to be held during our 30th Annual BDPA Technology Conference in Atlanta, Georgia from August 6 to August 9, 2008. Presentations shall be made to either students (high school through college) or adults (professionals and technicians) during the conference. Sponsors, Presenters and Volunteers all contribute toward very successful annual technology conferences. For more information, contact BDPA at: 1.800.727.2372 (BDPA)



TeraGrid '08 June 9-13, 2008

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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 (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 © Corbis, © Getty images, and © JupiterImagesTM. 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

Use chapter events calendars to review local insertion and advertising deadlines.



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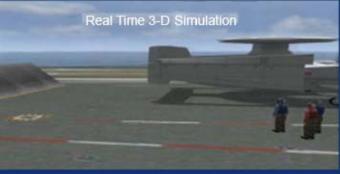
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EXPANDED CAREERS Section





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bdpa career center now available online



BDPA's career center has an updated resume databank to post resumes and career vitaes for exposure to the best companies in the world for Information Communication Technology (ICT) 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.

Your 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 ICT positions. These services allow users to view the emerging positions within related industries and connect with resources for a full job outlook.

This career center also supports ICT 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 ICT professionals in every industry sector.

Our next opportunity to network and interface with business leaders and hiring managers supporting BDPA in Washington, D.C., is **May 22, 2008** in the Rennie Forum auditorium, Prince George's Community College before and after the Chapter's Program Meeting. More information is available by

visiting "Events" online: www.bdpa-dc.org.

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Washington, D.C. Position Prerequisites:

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Experience in working directly with customers

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.) Send resumes with a Cover Letter to: resumes@pinnacle-careers.com



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Ms. Heather Gagnier | BDPA Engagement Partner Harris Corporation 1680 University Avenue Rochester, NY 14610 hgagnier@harris.com

www.employment.harris.com

Send IT job announcements to: info@bdpatoday.org



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BDPA-DC Engagement Partner: Herman Scott



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 Software Developers C++, Java
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Visit **www.infotek-intl.com** for specific information. Email a cover letter with resume in MS Word to: **resume@infotek-intl.com** with the **Job Title.**

Career Upgrade Connections

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

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 mutlimedia 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 30th Anniversary Gala
 www.bdpa-dc.org

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

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



bdpa@sc08

Support Teams are 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^+ For Helping Hands with Technical Career\$

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.

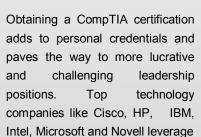
BDPA-DC will work with CompTIA in 2008 to make certification testing more accessible with sponsored and discounted student

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

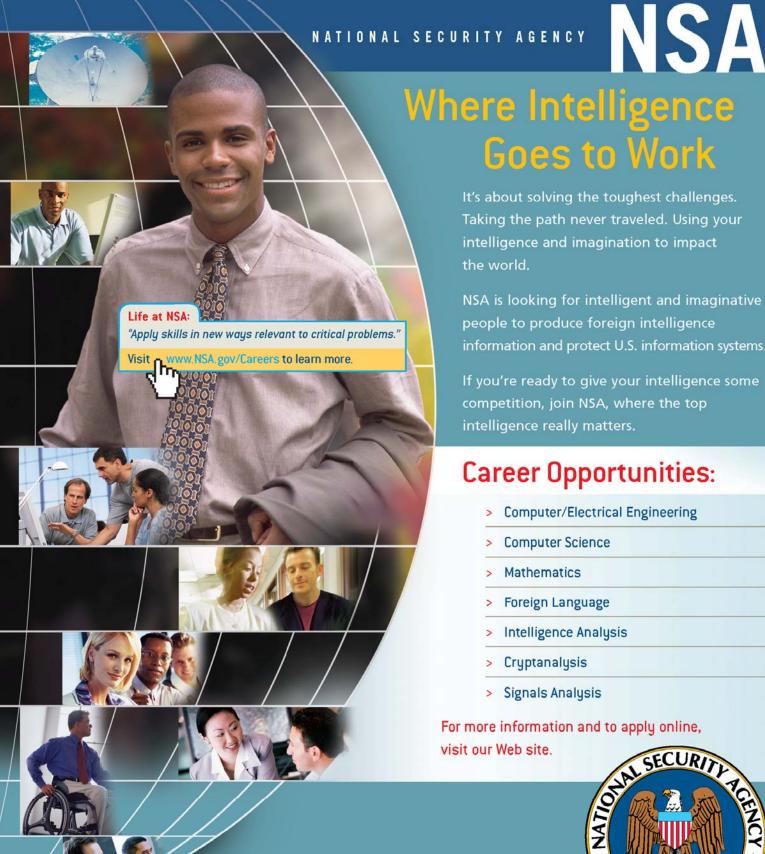
Qualified BDPA members of E2C member schools who are training students in any of

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+.



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.





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TeraGrid '08June 9-13, 2008

Riviera Hotel Las Vegas, Nevada

www.teragrid.org

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

Call us today or join us on **June 21, 2008** at Bowie State University during the regional **IT Showcase** and **Industry Day — Part II**.

1.800.727.BDPA www.bdpa-dc.org

TeraGrid 2008 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.

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 provides scientific research. TeraGrid resources at eleven partner institutions: Indiana University (IU), Louisiana Optical

National Center for Atmospheric Research, National Center 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: National Science Foundation



HSCC \$cholarship\$

Washington—This year, BDPA's national High School Computer Competition (HSCC) will be held in Atlanta, Georgia during the National BDPA Technology Conference, August 6-9, 2008. Final competition teams selected to represent Washington, DC and Northern Virginia will be made up of three to five students each. However, the other students will be eligible to participate in BDPA's annual Youth Technology Camp (YTC). The competition team also will enjoy an all expenses paid

trip to the National Conference. All students will be 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, conductina oral presentations publishing their team's deliverables during written competition. The top five teams will win college scholarships, computer hardware and software. NBDPA may extend scholarship awards to the top six teams in 2008. BDPA student members and HSCC students will be afforded an opportunity to participate or attend this year's TeraGrid Conference and Supercomputing 2008 (SC08) Expo later this year. Student memberships also are available to area students at a very nominal annual fee of only \$15 for full time high school, community college, vocational school, 4-year college or university attendees. Join a local BDPA Chapter or start a small Chapter Interest Group (CIG) within your school today. Bowie State University will host this year's BDPA Regional HSCC and IT Showcase, on Saturday, June 21st.

FCC Seeks Your Organization's Input On A New Auction For Public Safety Spectrum

The Federal Communications Commission (FCC) has placed more options back on the table for a new auction of broadband licenses of 700 megahertz spectrum set aside for a public safety network and is seeking public comment on this process. FCC recently held an auction for radio frequency spectrum in the 700 MHz band that will be abandoned by

television broadcasters next year when thev make the federally

...Comments also are sought on the technical requirements of this shared wireless broadband network...

mandated

switch from analog to digital signals. The auction included creation of a 10 MHz license in the D Block to be part of a public/private partnership with the adjacent 10 MHz of spectrum dedicated to a Public Safety Broadband License. FCC stated in announcing its new notice of this proposed rulemaking, "The 700 MHz public/private partnership was designed to achieve the important public policy goal of promoting public safety interoperability, allowing police. fire and other first responders to communicate with one another in times of emergency." Earlier this fiscal year, bids for the spectrum fell far short of the \$1.3 billion minimum, and no license was awarded. FCC now must decide on new rules for an auction. The original auction and license

requirements have heen criticized by Congress and industry as being too expensive and stringent for economically risky partnership. commission reconsidering all auction rules and potential uses for the spectrum enabling the in desired network. Suggestions from industry and Congress for the new auction

> include multiple regional licenses rather than a single license. national reducing or eliminating the reserve price, and

selling off the spectrum for commercial use and using the proceeds to fund creation of an interoperable network. thing that everyone has agreed on thus far is that in any public/private partnership for this network, details of the partnership should be spelled out in advance of an auction. This FCC notice asks whether a public/private partnership is in the public interest and seeks comment on possible changes to the current rules governing such partnerships, such as whether to limit use of the shared network to public safety services as defined in the Communications Act. The full text of this notice and additional FCC information can be found on the Commission's website at: http://www.fcc.gov

- GCN.com



This month during the BDPA's Regional Meeting at Bowie State University, new BDPA members and community leaders will continue to develop industry-specific Special Interest Groups (SIGs) and neighborhood Chapter Interest Groups (CIGs) to expand committee services and chapter programs to emerging communities within our region.

New SIGs should 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 technologies.

New BDPA CIGs also are forming within the 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 meetings and contact information.



Regional High School Teams Prepare For Nationals Bowie State University is hosting this year's BDPA Regional High School Computer Competition, IT Showcase, and Industry Day this month on Saturday, June 21st. Teams from Baltimore, Detroit, Hartford, Philadelphia, Northern New Jersey, New York, Northern Delaware, Northern Virginia, and Richmond BDPA Chapters are slated to challenge four (4) area HSCC teams for the opportunity to compete nationally in Atlanta. For sponsorship and registration information, visit: www.bdpa-dc.org or www.bdpatoday.org.

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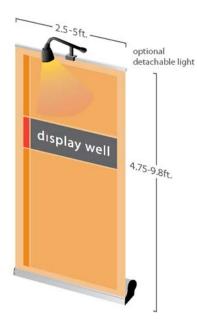
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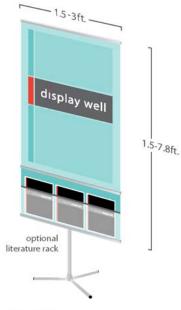
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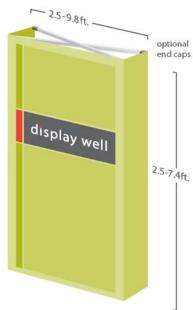
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Technology Awareness Program

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.



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

Black Family Network www.blackfamilynet.net

Lafamilia Network

Native American Family Network www.firstpeoplesnet.net

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



bdpatoday

in July 2008

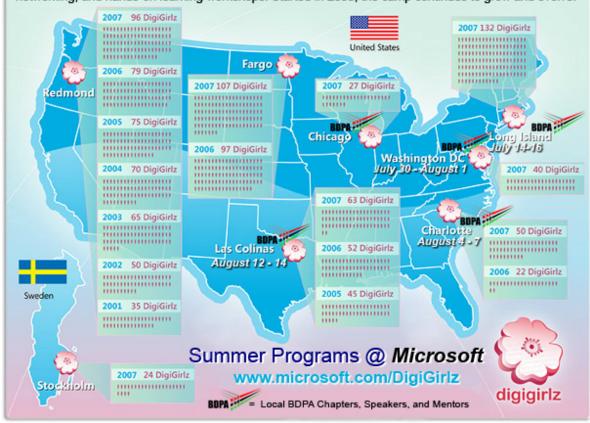
- SPECIAL REPORT (Continues)
 - Internet + Advocacy
- 2008 IT Conference Previews
 - National BDPA Conference
 - Local HSCC Teams
 - IT Showcase
 - Career Fair

Your next issue features articles from industry trade shows, Capitol Hill reviews and NBDPA announcements. Scholarships, grants, small business trends, special intern announcements and Fall 2008 event information will be updated and made available to BDPA Members. Join a chapter, SIG, or committee near you today!

- Annual Member Dues: \$75- Student Member Dues: \$15

DigiGirlz High Tech Camp is a technology camp for girls. Its goal is to educate and inspire girls by introducing them to the considerable opportunities and career choices available in the high-tech industry.

During the camp, the girls are exposed to executive speakers, technology tours and demonstrations, networking, and hands-on learning workshops. Started in 2000, the camp continues to grow and evolve.





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