



bdpatoday

Washington, D.C. Chapter Edition

June 2007

TeraGrid '07 Conference *Primer*

High Performance Computing—JEF Students and BDPA Members to Compete in Student Contests

About the TeraGrid

TeraGrid is an open scientific discovery infrastructure funded by the National Science Foundation (NSF) located in Arlington, VA. TeraGrid combines leadership class resources at eight partner sites to create an integrated, persistent computational resource. TeraGrid provides more than 150 teraflops of computing power and nearly 2 petabytes of rotating storage, numerous scientific data collections, specialized data analysis tools, scientific gateways and user portals to simplify access to valuable resources, and visualization resources all interconnected via a high-speed gigabits-per-second dedicated national network.

The TeraGrid Resource Providers are: Indiana University, National Center for Atmospheric Research, National Center

for Supercomputing Applications, Oak Ridge National Laboratory (ORNL), Pittsburgh Supercomputing Center, Purdue University, San Diego Supercomputer Center, Texas Advanced Computing Center, University of Chicago, Argonne National Laboratory.

The TeraGrid '07 Committee

The TeraGrid '07 committee includes representatives from the TeraGrid Resource Providers as well as the following institutions: Boston University, Clemson University, George Lucas Education Foundation Outreach, District-based Joint Educational Facilities, Inc. (JEF), Renaissance Computing Institute, and the University of Northern Iowa (see related article in our May 2007 issue of **bdpatoday**.)

Continued on **Page 6** | See *Cover Story*



TeraGrid™

For more information visit www.teragrid.org



www.bdpa.org
1.800.727.BDPA

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



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JEF

Serving the District of Columbia and surrounding communities for over 20 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. Exciting Youth Technology conferences are scheduled for JEF participants during Spring and Summer 2007 Sessions. Parent-Student teams are encouraged to enroll and participate on-line via the Internet, in the lab, or during a JEF event.



Now accepting 2007 enrollments for teens this Spring, Summer, and Fall sessions. For more information, call (202) 584-1898 to register for instructor-mentor positions, parent-student teams, available JEF scholarships or internships with JEF.

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

2528 Naylor Road, S.E., T-3 • Washington, DC • 20020 • (202) 584-1898

IT Takes a Village



Sundays at 6:30 p.m.

See Regional Cable or Satellite Guides for Programming Information.

To advertise and develop Minority Business or Information Technology segments for our regional cable TV program, call (301) 350-3126 to schedule an appointment for upcoming televised interviews.

Next segments start July 2007.

DestinationImagiNation®



www.idodi.org

Special Election and Delegates Meetings

2007 is a National Election Year For NBDPA

▶▶ The BDPA-DC Chapter Nominations and Elections Committee will conduct nominations and initiate a Special Election to fill the vacancy of President Elect this month. BDPA-DC Chapter members are asked to update their MAP accounts with a current [USPS] mailing address, preferred e-mail address, and when applicable, renew memberships online using BDPA's Global MAP database at: <https://map.bdpa.org>. New members and student members also may join online and register for upcoming BDPA events, such as BDPA's National Technology Conference and IT Golf Classic, using the same online Global MAP database...

▶▶ During the Second Quarter National Board of Directors (2Q-07 NBOD) Meeting hosted by BDPA's Chicago Chapter last month, National BDPA announced four (4) candidates for the office of National President Elect and two (2) candidates for the office of Vice President and Finance to the NBOD. Official announcements, biography portals, BDPA Chapter visits, Delegates meetings, are forthcoming for BDPA members only...

A Father's Day

Ron Moore of Gray Globe, Inc. named the Tom Joyner Morning Show's "Real Fathers/Real Men"

▶▶ In April of this year, 2006 Darden MBE Program participant and BDPA Member Ron Moore was recognized by the Tom Joyner Morning Show "Real Fathers, Real Men" award recipient. Reach Media, Inc., the parent company that owns TJMS, chose Ron out of hundreds of applicants received. Their executives noted that Ron stood out due to the nomination they received from his wife, Andrea.

In her nomination letter, Mrs. Moore spoke specifically about their family's experience as Hurricane Katrina evacuees; how their home was destroyed and they lost everything. She wanted Ron acknowledged because of the steps he made to get their family back on their feet. For more than 8 months after relocating to the North Carolina Research Triangle Area, Ron made the 16 hour drive back and forth to Louisiana over 16 times to work on their home/property; restoring it to a livable condition as deemed by the insurance company and disaster recovery government agencies. For weeks, Ron handled all of the salvage, removal of debris and gutting of the house to prepare it for reconstruction; alone. It was incredibly hard labor, and he often spent 16-18 hours a day doing backbreaking work.

Concurrent to all this, he searched and gained employment with a local business here and worked ridiculously long hours there, in-between his trips home to Louisiana. Professionally, Ron also brought his contracting firm back on-line, **Gray Globe, Inc.**; a full service IT and process management consultancy. Gray Globe, Inc. is the entity Ron owned in Louisiana that concentrates on government acquisition IT contracting.

Ron currently is working hard to maintain and grow Gray Globe as well as working as an independent contractor with the North Highland Company in Charlotte, NC. He is a successful Project/Program Management Office manager while branching out into IT implementation; process design/redesign and operations staff augmentation. Ron has worked hard to build viable networks in government contracting circles as well as with potential operating partners. Gray Globe is in the process of obtaining SBA 8(a) status as well as other pertinent certifications needed to be more competitive. Ron received his BDPA membership in May and continues to network with other CxOs and MBEs who attended the University of Virginia's Executive Education Programs at Darden.

Destination Imagination

2006-2007 DI Challenge

▶▶ Approximately 45,000 volunteer adults and almost 350,000 young people in 50 states and 41 countries participated in the 2006-2007 DI Challenge to compete on local, region and state levels to solve brain teaser problems in hopes of advancing to the Global Finals held last month, May23-26, 2007. The 17-week DI problem-solving program is divided into steps that help young people work and grow together as a team, learning to nurture mutual self respect while enhancing their own self-confidence and problem solving skills. The set-up of the challenges is open-ended, allowing for an endless variety of solutions and a sense of accomplishment for the team. All the challenges are designed to develop participants' critical thinking and creative problem solving skills. Supportive and caring facilitators, who can be parents or adult volunteers, lead the teams.

Each of the challenges offers a different focus, such as mathematics, technical design and construction, experimentation, theater arts, social studies, research, story development, architecture, geography, structural engineering and other disciplines requiring critical thinking skills necessary to be successful in tomorrow's world.

Destination ImagiNation Inc., (DI) is a 501c3 non-profit organization based in Glassboro, NJ. DI's creative problem solving challenges comply with National Education Standards. A staff of educators designs problems for participants and other professionals who have helped millions of young people enhance their critical thinking skills in a fun and nurturing team setting since DI was founded. Visit: www.idodi.org

Microsoft[®]



JOIN MICROSOFT FOR 3 DAYS OF FUN AT THE 2007 DIGIGIRLZ HIGH TECHNOLOGY DAY CAMP

WHAT: INTRODUCING HIGH TECHNOLOGY CAREER CHOICES TO GIRLS

WHERE: MICROSOFT OFFICE IN RESTON, VA

WHEN: AUGUST 1 – 3, 2007

WHO: GIRLS ENTERING THE 10th, 11th, and 12th grades

If you are a girl entering the 10th, 11th, or 12th grade and want to learn more about why technology is IN for girls, then you should join us at the Microsoft DigiGirlz High Tech Camp this summer. During the camp, you will be exposed to executive speakers, technology tours and demonstrations, networking, and fun, hands-on learning workshops.

APPLY:

<http://www.microsoft.com/about/diversity/programs/camps.msp>

DEADLINE:

Short essays and applications due by **June 1st, 2007.**

GOT QUESTIONS?

Email us at: dgcampqs@microsoft.com or call: **202-895-2000**

bdpatoday | Membership is \$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 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 copyright, graphics by JupiterImages™. **bdpatoday** now is available for immediate online publishing of BDPA Chapter news and events. Send articles, events, and images to: info@bdpatoday.org Review insertion and advertising deadlines on last page.



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bdpatoday • 2007 REGIONAL EVENTS CALENDAR – Washington, D.C.

Save the Date	Regional IT/Community Events	Location	Sponsors
For Small and Minority-owned Business Executives			
MAY 31 st – JUN 1 st	Maryland/District of Columbia Business Procurement Conference MD/DC Minority Supplier Development Council	Bethesda North Marriott Hotel & Conf. Center Bethesda, MD	MD/DC MSDC www.mddccouncil.org
JUNE 15 th	Hiring and Employment for H-1B Visa Holders and other Foreign Nationals	ITAA Arlington, VA	ITAA www.itaa.org
JUNE 26-28	DoE 8th Annual Small Business Conference	Washington Hilton Washington, D.C.	U.S. Department of Energy
JULY 11 th	Annual Army IT Day	Sheraton-Premiere Hotel Tyson's Corner, VA	AFCEA www.afceanova.org
AUG 18th	Annual BDPA IT Golf Classic	Westfields Country Club Clifton, VA	BDPA NoVA ncr-bdpa.org/golfclassic.htm

Save the Date	Regional IT/Community Events	Location	Sponsors
For Professional and BDPA Member Development			
MAY 29 th – JUNE 1 st	Windows VISTA	Education Center Rockville, MD	Learning Tree International www.learningtree.com
JUNE 4 th – JUNE 8 th	TeraGrid Conference '07 (Grid Computing) Theme: "Broadening Participation in TeraGrid"	University House Towers Madison, WI	TeraGrid 2007 www.teragrid.org
JUNE 13th	BDPA-NoVA Program Meeting 2nd Wednesday of each month @ 6:00pm This month's Topic: Resources for using the Information Technology Infrastructure Library (ITIL) governance framework.	Freddie Mac 8200 Jones Branch Road, McLean, VA 22102-3110	BDPA NoVA www.bdpanova.org
AUG 15th – AUG 18 th	National BDPA Technology Conference and Career Fair	Marriott Wardman Park Washington, DC.	BDPA www.bdpa.org

Save the Date	Regional IT/Community Events	Location	Sponsors
For Youth and BDPA Student Member Development			
MAY 31 st	Application Deadline Passport Summer Installment Program @ University of Maryland	University of Maryland College Park, MD (UMCP)	Dept. of Computer Sciences www.cs.umd.edu/passport
JUNE 1 st	Application Deadline Microsoft's DigiGirlz 3-Day Technology Day Camp (AUG 1-3, 2007)	Reston, VA/Washington, DC	Microsoft
JUNE 2007	Enrollment Joint Educational Facilities Advanced computing sciences and mathematics	JEF Training Center Washington, DC.	JEF www.jef.org
JUNE 4 th – JUNE 8 th	TeraGrid Conference '07 (Grid Computing) Theme: "Broadening Participation in TeraGrid"	University House Towers Madison, WI	TeraGrid 2007 www.teragrid.org
JUNE 16th	BDPA Northeast Regional High School Computer Competition (HSCC)	Howard University Washington, D.C.	BDPA Northeast Chapters www.bdpa.org
JULY 8 th – JULY 11 th	11 th World Mini-Conference on Systemics, Cybernetics and Informatics	International Plaza Resort & Spa Orlando, FL	WMSCI JEF www.iiis-cyber.org/wmsci2007
AUG 16th – AUG 17 th	IT Showcase & Youth Technology Camp National BDPA Technology Conference	Marriott Wardman Park Washington, DC.	BDPA www.bdpa.org

Email your next IT program meeting or event to: info@bdpatoday.org

More on Grid Computing ...

Visit www.gridtoday.com for one of our industry's leading sources for global news and information from the evolving Grid ecosystem, including Grid, SOA, Virtualization, Storage, Networking and Service-Oriented IT.

**TeraGrid '07
Participating JEF Students
and BDPA Members**

- **Bryan Bemley**
- **Ms. Jessye Bemley**
- **Michael Faison**
- **Richard Faison**
- **Darren Lamison-White**
- **Eric Lamison-White**
- **Christian Loggins**

HSCC IT Weekend Picnic

Father's Day

Sunday, June 17th 11 am to 3 pm

**Watkins Regional Park
PICNIC Pavilion #14**

301 Watkins Park Drive
Upper Marlboro, MD 20774

Cross Roads: Rt. 214 (Central Avenue)
at Rt. 193 - Near Six Flags America

Watkins Regional Park includes more than 850 acres of land and is developed with an assortment of recreational facilities serving many different leisure interests. Several miles of trails have been developed at the park for hiking and biking. The park also is home to Miniature Golf, the Chesapeake Carousel, a miniature railroad, 34 campsites at the park campgrounds, picnic areas with shelters, playgrounds, comfort stations, and a paved, 1.7 mile circuitous hiker/biker trail for dads, uncles, granddads and families.

**Howard University To Host N. E. HSCC Regional Finals
Teams Prepare for National High School Computer Competition**

Over 25 high school teams from U.S. cities and municipalities will arrive in Washington mid-August to compete for a National title, Chapter bragging rights, and scholarship awards during the annual High School Computer Competition (HSCC). Howard University will host the area's Northeast Regional finals, Saturday, June 16, 2007, at the Howard University School of Business.

The purpose of this exciting annual competition is to increase minority youth interest in information technology and to help facilitate the emergence of minorities into the Information Technology field. Selected students receive several weeks of introductory and advanced computer technology training in preparation for the competition.

Students learn to develop solutions to realistic business and industry problems using a web technology programming language such as the Microsoft .NET or JAVA. Additionally, students will learn to utilize HTML, JavaScript, SQL, relational database management systems and a variety of other internet and computer-related technology. Students also will gain essential skills such as presentation delivery, communication, and teamwork.

To accomplish our goals, the Chapter recognized the need to have classes for at least five to six months (from February to August). Classes normally are held on Saturdays from 9:00am to 1:00pm. Towards the end of each term, Sunday sessions will begin.

Each week, student participants are given homework assignments. This is a rigorous program and students must have the ability to balance HSCC research, writing, and presentation tasks with normal workloads provided by their respective school systems.



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The Washington, D.C. HSCC Team (above) captured third place in 2006 during last year's finals in Los Angeles. A few of last year's finalists return this year as seniors representing the 'Home Team' in 2007. The Philadelphia team (below) prepares their strategy and presentations at the Fox School of Business at Temple University. They seek to dominate this month's Northeast Regional HSCC upon their quest of a National title and scholarship awards to schools of their choice.



© 2006 BDPA-Philadelphia

**HSCC Teams for 2008 are
Forming. Visit Regional or Local
BDPA Chapters during this Year's
Technology Conference in
Washington, D.C. August 15-18.**



Visit Us: www.bdpa.org
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Email Us: hsc@bdpa-dc.org



BDPA IT Golf Classic



Westfields Golf Club
13940 Balmoral Greens
Avenue, Clifton, Virginia 20124
Phone: 703-631-3300

Saturday, August 18, 2007
Cost: \$200 per player
Shotgun Start 8:15 AM
72 Golfers - 18 Teams

Enjoy a complete program of special events, 18 holes of golf (including cart), lunch, door prizes for each player and an exciting luncheon awards banquet...

All for just a \$200 entry fee per player.

- “Putting Challenge” on the practice green
- Two (2) “Longest Drive” contests
- “Closest to the Pin” challenge
- Low Score/Best Team

and...

- Our \$1,000,000 Hole-in-One Shoot-out!

Our contact telephone # is:
703-714-3456

For sponsors, our telephone # is:
800-727-2372 (BDPA) —or—
corpsales@bdpa.org

2007 National BDPA Technology Conference Golf Outing—Four (4) Player Team Captain’s Choice



This year’s **BDPA IT Golf Classic** event will be held **Saturday, August 18th** at the wonderfully designed Westfields Golf Club in Clifton, Virginia.

Shotgun Tee-off at **8:15 am**.

The cost for this event is **\$200**. This price includes entry into all events, 18 holes of golf, riding cart, lunch, and various awards.

There will be an awards presentation and luncheon directly after golf at the Westfield’s Club, 13940 Balmoral Greens Avenue, Clifton, Virginia 20124.

See for yourself what a great course this is!

<http://www.westfieldsgolf.com>

BDPA’s Northern Virginia Chapter is coordinating this year’s fundraising event within the National Capital Region (NCR) with our Washington, D.C. Chapter. To help us properly plan for this event, register on-line on or before August 15th, 2007 by visiting:

<http://www.ncr-bdpa.org/GolfClassic.htm>

Golf attire is required. Collared shirts; no denim. Westfields is a non-metal spike facility. No private coolers permitted on the golf course.

Women and Small Business executives are cordially invited and highly encouraged to participate in this year’s professional and IT networking events.

REGISTER TODAY

- ◆ **National High School Computer Competition**
- ◆ **Annual Technology Expos**
- ◆ **Annual IT Career Fairs**
- ◆ **IT Industry and Legislative Update Sessions**
- ◆ **Business and Professional Development Sessions**
- ◆ **College and High School Student Development Sessions**
- ◆ **Youth Technology Camps**
- ◆ **Annual BDPA IT Golf Classic**

bdpatoday • JULY 2007 in next month's edition:

- 2007 Annual National BDPA Technology Conference Preview
- Telematics and Automotive Technology
- New Regional IT Careers Section

Copy Deadline: MAY 25, 2007

Ad Deadline: MAY 31, 2007

Web Banner Ads: JUNE 10, 2007

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You will meet those who enable, secure, and make "IT" happen.



You will take newly acquired resources and intellectual property to enable your community, optimize your industry or empower an agency.

National BDPA IT Conference

Marriott Wardman Park Hotel
Washington, D.C.

August 15-18, 2007

1.800.727.2372 (BDPA)



Join and Register: www.bdpa.org

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