

NATIONAL TECHNICAL NEWS

Volume 14, Issue 1

Spring 2008

NTA 2008 National Conference
June 11-14, 2008
Orange County, CA
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Free Technology Camps for Students (Ages 16-18)

The Southeastern Virginia Partnership (SEVA-PORT) is sponsoring a summer program for youth in ages 16-18 by way of its award of a \$5 million Workforce Innovation in Regional Economic Development (WIRED) grant. These FREE camps, supported by WIRED, offer a great opportunity to expose and prepare young people for important technological skills. Deadline for registration is **June 2!**

Contact: Rodney Jordan,
raj@meladet.com

Following are the free summer camps, all at Tri-Cities Higher Ed Center, Portsmouth, VA:

**Modeling, Simulation, and
Gaming** (July 14-18)

Web Design (August 11-15)

Networking (August 4-8)



MEMBERSHIP NEWSLETTER

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NTA President's Message



Willie B. Williams

NTA National President's Message

Hello All; It is almost time for our 2008 NTA National Conference!

The Executive Board has accepted a NTA National Conference contract with the Marriott-California State University Fullerton for June 11-14, 2008 in Orange County California. The facility is adjoined to the University Campus and just a few miles from Disneyland, Knots Berry Farm and the beaches of California. The weather is guaranteed to be beautiful so get your students, technical papers, swim suits and sneakers ready.

California State University, Fullerton will participate with us and will host our Friday Student activities on its beautiful campus. We need to activate the NASA Explorer Schools to participate. Stand by for more developments on the NTA web site. Mark the dates, and get your airline reservations ready for Los Angeles or John Wayne Airport in Orange County!

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(President's Message, continued from page 1)

The Career Connection link on our web site www.NTAonline.org now contains over 2300 technical jobs/positions ranging from college internships to professional computer, engineering, and management positions for major companies from around the country. This site has become a huge success, thanks to the forward thinking of our past and present NTA Board. Please take time to view the many opportunities available for students and professionals by posting your resumes; its easy and quick. You are just a few clicks away from finding that first or next golden opportunity. You can manually choose from multiple positions or do an automatic search by specialty.

All of these jobs are real, have been posted over the last 90 days, and are updated daily. Please encourage your students and friends to join NTA, go to our site, and post their resumes FREE of charge. **Employers, please take advantage of this special market of Minority Technical Students and Professionals by listing your vacancies.** Take advantage of the national STEM network of NTA, by your membership in and participation with NTA.

Congratulations on the renewal of our Chapters in Detroit and Chicago, and our new Chapter in California. It is TEAM work, Together Everyone Accomplishes More.

I look forward to seeing you in California at our 2008 National Conference, June 11-13, 2008— as we collaborate on Bridging the Gap: Minority and Technical— in the 21st Century!

NTA DC Chapter Participates in National Inventors Hall of Fame 36th Annual Induction Ceremony

On May 2-3, 2008, the National Inventors Hall of Fame (NIHF) held its 36th Annual Induction Ceremony in Akron Ohio, to induct living and deceased Inventors into the NIHF. NTA member and past National President Lester Clemons, who serves on the NIHF Blue Ribbon Panel, was in attendance at the Induction Ceremony. The NIHF Board of Directors assigns the Blue Ribbon Panel the task of reviewing and evaluating a list of inventors and their inventions. The Panel then submits a selected list of inventor candidates to the Board for approval for induction into the NIHF.

During the 2003 NIHF Induction Ceremony, Dr. George R. Carruthers, the NTA National Editor and Washington DC Chapter President, was inducted into the NIHF. He was inducted for his invention of the Far Ultraviolet Electrographic Camera. (See: 2008 Inductees of the NIHF, 36th Edition, P-320, www.invent.org). The camera uses ultraviolet light to study the Earth's upper atmosphere, stars, and gases in interstellar space. It is best known for its use in the Apollo 16 mission to the Moon in 1972.

In addition to Dr. Carruthers' and Mr. Clemons' association with the NIHF, Ms. Hattie Carwell, a long-time member of NTA, serves on the Board of Directors of the NIHF. Also, Mrs. Joyce Ward-Clarke, a member of the Washington, DC Chapter of NTA, is an employee of the NIHF.

NTA Cincinnati Chapter Summer Enrichment Program

The Cincinnati Chapter will open its 29th Annual Summer Enrichment Program on Saturday, June 14 at the College of Applied Science on the University of Cincinnati Chapter. This award winning program runs for 10 weeks.

SEP tutors students in grades 5 through 12 math and science. Not only are students shown math basics but also how each skill fits into everyday life.

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Advanced students also take additional courses in computer and earth sciences. The program serves nearly 150 students each summer. Its success rests with requiring parents or a guardian to be present and its volunteer tutors.

The tutors are a good mix of professionals, students from local universities such as the University of Cincinnati and Xavier University, summer interns from various companies such as Proctor & Gamble, Belcan, etc. These volunteers agree to work four hours eight to ten Saturdays during the summer. In its 29 year history, SEP successes have included former students returning to tutor and students going on to receive masters and PhDs in math and science.

What is unique about SEP is its parent classes. Participants are introduced to methods of helping their children with learning, college planning, African American/African history, computer skills, finances, etc. They now interact by email in completing their homework assignments and checking on their children's assignments, etc.

In 2000, SEP was awarded the JC Penney's Golden Rule Award. This was one of over 200 programs around the country that is the result of a partnership between the United Way & Community Chest and the local JC Penney's facilities.

Submitted by Ms. Deborah Harris

NTA Member Astronaut Flies in Space Shuttle Mission

Astronaut Leland Melvin, an NTA member with the Hampton Roads Chapter, flew on the STS-122 space shuttle mission in December, 2007.

He was also honored in the program held at the NTA Cleveland chapter on April 9, 2008.

The NTA Cleveland Chapter also awarded scholarships to three students; two were Mallory Scholarships, and three were Julian Earls Scholarships. NASA Glenn Center Director Dr. Woodrow Whitlow was also present.

Space Shuttle Mission STS-122 Launch, Viewed from Aircraft

12.03.07



Wearing a training version of his shuttle launch and entry suit, astronaut Leland D. Melvin, STS-122 mission specialist, awaits the start of an emergency egress training session in the Space Vehicle Mockup Facility at Johnson Space Center. Credit: NASA



NTA Baltimore Chapter Programs and Events

The Baltimore Chapter of the National Technical Association is planning to celebrate its 50th Anniversary at its 28th Annual Scholarship Awards Banquet on **June 4, 2008** at The Forum, 4210 Primrose Avenue, Baltimore, Maryland. Come join us in this grand celebration. Tickets are \$ 40.00, and if you would like to attend, please reply by e-mail so that arrangements may be made for obtaining a ticket and a reservation for the affair. A flyer for the event is attached. Award categories are listed below:

Middle School Student - \$ 100.00 Savings Bond

TBD (To be Determined)

High School Student - College Scholarship

TBD

Public School Science/Math Teacher Award:

TBD

Technical Business Award:

Career Communications Group

(Co-host of Annual Black Engineer of the Year Awards Conference)

Community Technical Organization

Award:

National Society of Black Engineers,
Baltimore Metropolitan Alumni Chapter

Joseph S. Tyler Jr. Award:

Dr. Reginald Amory

Chair, Dept. of Civil Engineering
Morgan State University

Submitted by:

Dr. Fred Oliver

President, Baltimore Chapter, NTA

NTA DC Chapter - University of DC Mathematics Contest Held

The 14th Annual NTA Mathematics Contest was cosponsored and held at the University of the District of Columbia (UDC) campus, at 4200 Connecticut Avenue, NW in Washington, DC on Saturday, April 26, 2008. 72 students from 25 schools throughout the DC, MD, and VA metropolitan area participated in the Math Contest.

As in previous years, the students took either the Basic Test (for grades 5 to 8) or Advanced Test (grades 9 to 12).

The awards for the highest graded student participants were 1st, 2nd, and 3rd Place Basic Test, and 1st, 2nd, and 3rd Place Advanced Test. (See page 5.) Each winner was awarded an NTA Plaque and an NTA Winner's Certificate.

In addition to their NTA awards, the students achieving these awards were also awarded U. S. Savings Bonds by the Chevy Chase Bank, of value \$500 for 1st Place, \$300 for 2nd Place, and \$100 for 3rd Place.

Prizes were also given to the students who scored highest in their grade level (excluding the above winners), in grades 5 through 12.

(See Also: Continuation, Page 5)

NTA Washington, DC Chapter 2008 Mathematics Contest Awards
Presented by Arthur Southerland (left) and Lester Clemons (right)



First Place—Advanced Test Award
Jordan Bell

Washington Mathematics, Science, and Technology Public Charter School (DC), 9th grade



First Place—Basic Test Award
Robert Young

White Oak Elementary School (VA)
6th Grade



Second Place—Advanced Test Award
Anthony Harris

H. D. Woodson Senior High School (DC),
9th grade



Second Place—Basic Test Award
John Jeang

Maryvale Elementary School (MD)
5th Grade



Third Place—Advanced Test Award
Corshella Roland

Ballou Senior High School (DC), 10th Grade



Third Place—Basic Test Award
Seong A. Jong

White Oak Elementary School (VA), 6th Grade

The National Technical Association



2008 NTA Annual National Conference

Call for Abstracts – Technical Symposium Presentations

NTA invites you to participate through submission of abstracts for presentation to be delivered June 11-14, 2008 at Marriott-Cal. State University Fullerton, in Orange County, California for June 11-14, 2008. The conference theme is:

Bridging the Gap: Scientific and Technical Literacy in the 21st Century

Although presentations dealing with all areas of science, mathematics, engineering, technology, and related education are appropriate, special consideration may be given toward presentations dealing with the theme.

Abstracts must have a title (15 words or less) and have 150 to 300 words in length, and must be accompanied by full contact information (including mailing address, telephone, and e-mail address) for the author(s). If you are at a university, please provide contact information for time periods both during and after spring sessions.

All abstract submissions must indicate the category to which their abstract is most relevant (and second choice, if appropriate). The categories are: **Architecture, Computer Science, Education, Engineering, Information Science, Mathematics, Science, and Technology**. Be sure to indicate any special media requirements at the time of abstract submission. Student presenters must indicate whether they are (at the time of the Conference) **undergraduate** or **graduate** students.

Presentations should be prepared as PC-compatible MS Word or PowerPoint files, and on floppy disk, compact disk (CD), or USB flash drive (as appropriate). Presentation time allowed is **15 minutes**.

The deadline for early consideration is **May 17, 2008**. To be published in the conference proceedings, the deadline is **May 31, 2008** for receipt of abstract submission. Submit to the editor below (Electronic Submission, MS Word or PowerPoint Preferred) no later than **May 31, 2008**.

George R. Carruthers george.carruthers@nrl.navy.mil

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