◆ NATIONAL TECHNICAL NEWS ◆

Garry Harris Selected for Georgia Oglethorpe Award by State Board of Examiners

NTA Past President Garry A. Harris was recently selected by the State Board of Examiners for Georgia's highest level of recognition for organizational performance excellence, the Oglethorpe Award. The Oglethorpe Award, based on the prestigious US Department of Commerce Malcolm Baldridge Award, uses the exact same criteria for evaluating optimum organizational performance. Examiners are trained and certified to determine "Best in Class" performance for organizations ranging from business, industry, government, education, healthcare and nonprofits.

The award criterion provides a framework for executive leadership to use in managing and improving the interdependence between an organization's key business drivers and core processes. Establishing linkages and systematically attaining them is essential to maximize resources, and deliver sustainable performance resources and outcomes. Past recipients

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MEMBERSHIP NEWSLETTER
A Publication of The National Technical Association
Incorporated 1926

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Women of Color in Science, Technology and Education Awards Program

The Cleveland Chapter of the National Technical Association, Inc. (NTA) will host its Third Annual Nsoroma (em-sor-má) Awards Program on Saturday, March 27, 2004 at the Cleveland State University Convocation Center. This event will honor local women of color for their scientific and technological accomplishments, fortitude and community involvement.

The name of the Nsoroma award, which is derived from the Akan language (Ghana), symbolizes a person of exemplary character and outstanding personal attributes. The Adinkra dictionary defines Nsoroma as representing a person who is a leader, a star of a home, school, or an institution. It also carries a meaning of faith and female influence.

Celebrating its 30th anniversary this year, NTA-Cleveland promotes career development of minority professionals in scientific and technical fields through networking, workshops, and collaborative programs throughout northeast Ohio. The chapter also introduces minority youth to opportunities in the technical fields. For further information, visit: www.ntaonline.org/chapters/cleveland or contact Khary I. Parker at (216) 514-1763.

Also In This Issue:

Greater Atlanta Metro Chapter of the National Technical Association

The NTA chapters around the nation conduct programs and support initiatives that highlight innovative technology advancements of today's minority technical professionals and encourage Black youth to pursue and succeed in science and technical education. Chapter meetings, seminars, and national conferences enable members and visitors to network with minority technical professionals who are vital to U.S. global competitiveness. These technical sessions, workshops and forums also provide many opportunities to learn and apply career advancement strategies and to exchange ideas with professionals and executives who develop the nation's leading-edge technology and lead businesses.

The members of the National Technical Association in greater Atlanta are focusing on attracting new members from the education, business, government, and high tech areas that have a passion for their work in science and engineering and have the desire to work with other like minded individuals to attract more Black children to academic pursuits that offer the reward of a career as a technologist.

American industries face intense labor, economic, and technical challenges from abroad. Local industry and economy are not exempt from these pressures, brought on by investment in technology that lags our competitors from other regions, and by lack of a technically skilled workforce, especially in the industries critical to the region's economy.

Demographics and the aging workforce indicate that groups historically underrepresented in science and engineering professions represent an untapped near term pool and a tremendous underutilized national resource in the long term.

The NTA was established to address lack of opportunity in science and engineering, but today the need to save our children from poorly equipped school systems, under-motivated educators, societal and peer pressures, and addiction or incarceration are compelling reasons for the NTA to become engaged with renewed energy.

NTA supports, among other things, the following:
- Education that expects and encourages Black student excellence
- Increasing support for Black Technical entrepreneurship
- Information exchange and collaboration among and between Black Technical Organizations

NTA 2004 Conference
September 14-18, 2004
Tuskegee University
Kellogg Conference Center
Tuskegee, AL

The theme of the NTA's 2004 National Conference and Technical Career and Opportunity Fair is "Science & Technology: The Research, The Business, The Impact on HBCUs and MIs". Please mark your calendar for September 14-18, 2004 and make plans to participate!

Call for Conference Participation

NTA invites you to participate, and to submit abstracts and proposals for presentations you would like to give at, the NTA 2004 Conference. Presentations dealing with all areas of science, mathematics, engineering, technology, and related education are appropriate. Deadline for Presentation Abstract submissions is **May 31, 2004. Note:** Students and Academic Faculty should submit their abstracts **prior to the end of their spring semester** unless alternate arrangements are made.

Abstracts must have a **title** (15 words or less) and be of **150 to 300 words** in length, and must be accompanied by **full contact information** (not just e-mail address) for the author(s). Submit to **each** of the two editors below **(Electronic Submission Preferred)** no later than **May 31, 2004.**

As was the case for the 2003 Conference, the technical paper presentation sessions will be associated with the **Societies of the NTA,** which include Science, Engineering, Technology, Mathematics, Computer Science, Information Science, Education, and Architecture. **Each abstract submission must indicate to which Society the presentation is relevant** (and secondary area, if applicable). **Send to:**

Dr. George Carruthers
Code 7645, Naval Research Laboratory
Washington, DC 20375-5320
E-mail: george.carruthers@nrl.navy.mil

AND

Dr. Moses Garuba
Dept. of Systems and Computer Science
Howard University
Washington, DC 20059
E-mail: apache@scs.howard.edu

(Atlanta NTA Chapter, Continued from page 2)
- Increased funding for science education for underrepresented students
- Recognition of the contributions in science and technology by Black Americans

For more information, contact Mr. Garry Harris at 404 965 3951 or email gharries@htsenterprise.com or email Mr. Larry King at KingDeblar1@aol.com .

(Conference, Continued from page 2)

Note, in contrast to previous conferences, undergraduate and graduate students will present in the same sessions as professionals, and must also indicate what Societies of the NTA are most relevant to their presentations. Note Also: *You may opt to have your paper presented as a Poster* **(If so, please specify).**

All presentations should be prepared as PC-compatible **MS Word or PowerPoint files** and provided, at the Conference, on floppy disk, compact disk (CD), or 100-MB Zip disk (as appropriate). The media to be used should be indicated at the time of abstract submission. Presentation time allowed is **15 minutes**.

NOTE:

Lap-top computers and LCD projectors will be the only audiovisual equipment available at the Conference, unless other arrangements are made at least 2 weeks in advance of the Conference starting date (contact: conf-chair@ntaonline.org).

All Presenters and Participants must register (see Rate Table, page 3). Fees include admittance to Conference technical sessions and workshops, career development seminars, and the career opportunity fair, as well as selected meal functions and receptions. The NTA Directors suggest advance payment of registration fees, as this helps confirms your space.

Tuskegee University Web Site
http://www.tuskegee.edu/

Tuskegee Airmen Photo Gallery
http://www.tuskegee.edu/Global/story.asp? S=1127291

Conference Registration Fees
Conference Registration Opens April 1, 2004

Registration

Early (Through May 31, 2004)	**Fee**
Member (professional)	$ 250.00
Non-member (professional)	$ 325.00
Member (student)	$ 150.00
Non-member (student)	$ 175.00
Daily	$ 100.00

Late (As of June 1, 2004)	
Member (professional)	$ 350.00
Non-member (professional)	$ 425.00
Member (student)	$ 150.00
Non-member (student)	$ 175.00
Daily	$ 200.00

Registration, and payment (by credit card) via the NTA Web Site (http://www.ntaonline.org) is the preferred method of registration and payment of fees. Payments can also be made by mail, by check, MasterCard, Visa, American Express, or money order, payable to the **National Technical Association.**

Mailing Address:

National Technical Association, Inc.
1761 East 30th Street, 100A
Cleveland, OH 44114
Tel.: (216) 298-4425

Tuskegee University Kellogg Conference Center is also the **hotel site** for the NTA Conference (room rates $57.00 plus tax). Telephone: 1-800-949-6161

Tuskegee Airmen Featured at National Air & Space Museum Black History Month Program

Four of the Tuskegee Airmen were presenters at a special Black History Month program, held February 28 at the National Air & Space Museum in Washington, DC.

The program, "African American Pioneers in Aviation", included a panel presentation, **Shared Memories: Conversations with the Tuskegee Airmen.** The panelist veterans were Woodrow Crockett, Hank Henry, Elmer Jones, and Walter McCreary. The panel was moderated by Dr. Alan Gropman.

of the Oglethorpe award include the Boeing Corporation and the Ritz Carlton Hotel.

Mr. Harris is the president of HTS Enterprise LLC, which provides engineering consulting services covering energy, engineering, environmental, construction, transportation and quality assurance and control. A senior member of the American Society for Quality (ASQ), Mr. Harris also sits on the ASQ Executive Committees for the Construction and Design Divisions, and the Environmental and Energy Divisions.

Mr. Harris holds a BS in Nuclear Engineering, MS in Technology Management, and an MS in Quality Assurance, and is pursuing a doctorate in Industrial Engineering. In addition to being a certified Oglethorpe examiner, Mr. Harris's quality credentials include a Six Sigma Black Belt, ASQ Certified Quality Auditor, Engineer, Reliability Engineer, Mechanical Inspector, Computer Software Engineer and Quality Manager. He is also a RAB certified Quality Auditor and Nuclear Quality Auditor.

Dot Harris Named GE Energy Service Director- Central/Canada Region

Please join us in congratulating Dot Harris on her recent appointment. January 5th 2004 Dot became Service Director for the Central and Canada Region, which is part of GE Energy Services, the world's largest Engineering Service business. In her new role, Dot will be relocating to Oakbrook, Illinois where she will be the P&L (profit & loss) regional leader responsible for services execution and growth of a nearly $200M business with 250 plus employees.

Prior to this appointment, Dot held executive level positions in GE Industrial Systems, most recently, East Region Manager. Prior to joining GE, Dot was Vice President of Operations & Production for ABB Service, Inc. Dot Harris is a former NTA National Secretary, and is assisting in the regeneration of the NTA Atlanta Chapter.

NTA Hampton Roads Chapter Awards Scholarships

The Hampton Roads Chapter of NTA (NTA-HRC) awards deserving high school seniors and college students with a monetary scholarship. Held annually, this scholarship award is open to underrepresented minority high school seniors and college undergraduates who intend to pursue, or are currently pursuing, bachelor's degrees in mathematics, science, engineering, or technology at any accredited college or university. Students from the Hampton Roads area (Williamsburg, Hampton, Newport News, Norfolk, and area cities) are eligible to apply. The scholarship is a one-time, non-renewable award.

The following students were recipients of this scholarship for 2002/2003:

- In 2002, **Martine D. Laurent-Russell** from Woodside High School in Newport News, VA received a $500 scholarship. She currently attends Boston College.

In 2003, NTA-HRC awarded two outstanding students.

- **Alexis Robertson** from Bethel High School in Hampton, VA received a $300 scholarship. She currently attends Hampton University.
- **Jessica Fields** from Heritage High School in Newport News, VA received a $200 scholarship. She currently attends Elizabeth City State University.

The NTA-HRC is proud of our area students, and encourages any student who resides in the Hampton Roads Area to apply for this scholarship. If you would like more information, check out the chapter's website at:

www.ntaonline.org/chapters/hampton_roads/

| Martine D. Laurent-Russell | Alexis Robertson | Jessica Fields |

JEF International Student Symposium

At The 8th World Multi-Conference on SYSTEMICS, CYBERNETICS AND INFORMATICS (SCI 2004) July 18-21, 2004, Orlando, Florida (USA)

http://www.iiisci.org/sci2004/,
http://www.iiis.org/sci2004/

Scope:

The Joint Educational Facilities (JEF) International Student Symposium (ISS) was designed to support the introduction of high school and undergraduate students, who know the excitement of research and discovery, to participation in conferences at this level.

This symposium at SCI 2004 is intended to provide a forum for researchers and practitioners, at the undergraduate and high school level, to present their contributions as technical papers in the following subject areas: computer science, computational science, computer experiments in mathematics, information technology and computer applications in the social sciences and humanities. Possible topics of interest include, but are not limited to:

Multimedia, i.e., Virtual Reality, VRML;
Artificial Life, i.e, Automata, Genetic Algorithms, Evolutionary Computing;
Nanotechnology; Soft Computing, i.e., Neural Networks;
Genetic Algorithms, Fuzzy Logic, Expert Systems; Robotics;
Open Systems Technologies, i.e., Linux, Star Office; Cluster technology;
WEB technologies, i.e., Perl, CGI, XML, Java, ASP, etc;
Storage technology, i.e., magnetic, optical, etc;
Printer technologies; Wireless technologies;
Visualization; Network technologies;
Database technology; and Information Assurance/ Security.

Submission Instructions:

Authors are requested to submit a 2-page extended abstract with contact addresses, telephone and fax numbers, and e-mail addresses. Please send your extended abstracts via email to jbemley@jef.org or sykes@cti.depaul.edu by **March 12, 2004**.

Important Dates:

Extended abstract due: March 12, 2004
Notification of acceptance: March 20, 2004
Camera-ready paper due: April 20, 2004

Proceedings:

All accepted papers, which should not exceed 6 single-spaced typed pages, will be published in the hard copy and CD-ROM versions of the SCI 2004 proceedings. The papers should be in PDF file format. The best paper of the session may also be published in the SCI Journal.

Session Organizers:

Dr. Jesse Bemley (jbemley@jef.org)
Joint Educational Facilities
Charles Sykes (sykes@cti.depaul.edu)
DePaul University

International Conference on Appropriate Technology
Bulawayo, Zimbabwe
July 15-17, 2004

Theme:

A Knowledge Management Approach to the Development of Appropriate Technology, with a focus on sustainable land-based projects.

The theme of this conference is designed to (1) facilitate research on the management, archiving, and tracking of appropriate technology concepts and projects, through the use of state-of-the-art knowledge management theories and practices; and (2) to focus on projects related to increasing the productivity of land-based projects in a sustainable fashion, while being inclusive of all areas related to appropriate technology.

Background:

Underdeveloped countries throughout the world have a majority of their population involved in land-based economy, primarily farming, but also ranching and mining. Despite this economic emphasis, most of these countries are importers of agricultural products, due to low productivity. This, in turn, is due to insufficient or inadequate technology. Therefore, there is a need for more effective technology, which must also be sustainable, and culturally and environmentally sensitive.

Paper Submissions:

All papers should be submitted electronically in Microsoft Word or .PDF format, single-spaced 12-point font, Times Roman format, **8 page limit.**

At least one author must register for the Conference in advance of the deadline for paper submissions, for the paper to be included in the Proceedings. Each

(Zimbabwe Conference, Continued from page 5)
paper must indicate the subject category(s) from the following list, or propose a topic area.

Paper Categories
- Agricultural technology
- Food preparation/processing
- Water supply
- Appropriate architecture
- Alternative energy systems
- Transportation
- Appropriate construction
- Irrigation projects
- Environmental issues
- Small scale industry
- Technology in mining
- Technology and health
- Alternative materials
- Economics of technology
- Forestry and wildlife
- Appropriate computing
- Knowledge management
- Textile technology

Web Site: www.nust.ac.zw/at

Submit Papers to:
Dr. John Trimble
jtrimble@nust.ac.zw

PAPER SUBMISSION DEADLINE:
March 31, 2004

REGISTRATION DEADLINE:
May 10, 2004 $150 U.S.

Registration Form:
Provide name, title, institution, occupation or position, full mailing address, telephone and FAX numbers, and e-mail address. Indicate if you are giving an oral or a poster paper presentation, and provide title of presentation. *Send to:*

AT Conference Planning Committee
TechnoPark
N.U.S.T. PO Box AC939,
Ascot, Bulawayo, Zimbabwe

Or, FAX to: 263 9 286803

NTA Board of Directors Meeting Held in Atlanta, GA January 31, 2004

The National Technical Association's Board of Directors met January 31, 2004 in Atlanta, GA. NTA past president Garry Harris hosted the meeting, and also represented the newly reinstated Atlanta chapter of the NTA.

Topics included reports by the members of the Executive Board (President, President-Elect [and Conference Chair], Secretary, Treasurer, and Regional Directors), and National Committee Chairs (Policy and Planning, Membership, Operations, Awards, Publications, Finance, and Conference Planning).

Topics discussed, in addition to Conference planning, included the need and methods for increasing the number of members and NTA chapters (both professional and student), and developing a comprehensive history of the NTA for publication in book form.

Also discussed were plans for future issues of the *NTA Journal*. It is tentatively planned to produce a Spring, 2004 issue of the Journal, in addition to the 2004 Conference Issue. The first of these is planned, among other things, to include some of the backlog of technical papers (based on presentations at previous conferences) currently on hand.

The next NTA Board of Directors meeting is planned for June 26, 2004 in Chicago, IL. It will be hosted by NTA Registered Agent Rupert Graham.

NTA Board of Directors meeting in Atlanta, GA January 31, 2004. Clockwise from left are: Garry Harris, William Lupton, Dexter Johnson, Quelina Jordan, Kathleen Prestwidge, Linda Hayden, Frank Robinson, and Darrell Thomas. Not shown is Philomena Johnson.

NTA 2004 Conference—Tentative Schedule

Tuesday, Sept. 14
  9:00 AM   NTA National Committee Meetings
  11:00 AM   NTA Board of Directors Meeting

Wednesday, Sept. 15
  8:00 AM   Registration Opens
  9:00 AM   Tuskegee Area School Visitation
  2:00 PM   Opening Plenary Session
  4:00 PM   Tuskegee University Tour & George Washington Carver Museum Visit

Thursday, Sept. 16
  8:00 AM   Registration Opens
  8:30 AM   Technical Career and Opportunity Fair Opens
                   Ribbon Cutting Ceremony
  9:00 AM   Technical Sessions, Panels, and Workshops
  12:00 PM   Membership Luncheon
                   Charles S. Duke Distinguished Lecture

  2:00 PM   Technical Sessions, Panels, and Workshops
  7:00 PM   President's Reception

Friday, Sept. 17
  8:00 AM   Registration Opens
  9:00 AM   Technical Career and Opportunity Fair Opens
  9:00 AM   Technical Sessions, Panels, and Workshops
  12:00 PM   Student and Auxiliary Luncheon
  2:00 PM   Technical Sessions, Panels, and Workshops
  7:00 PM   Technical Achiever of the Year Awards Banquet

Saturday, Sept. 18
  9:00 AM   Special Breakfast

Please note that this schedule is subject to change.

NTA National Leadership Training Opportunities Available

We are seeking assistance, from the NTA membership, as volunteers to serve on NTA national committees. In particular, the following:

Awards and Honors
awards@ntaonline.org

Conference Planning
conf-chair@ntaonline.org

Membership
membership@ntaonline.org

Please contact the committee chairs via the e-mail addresses above, or call the NTA National Office at (216) 298-4425.

National Technical Association
1761 East 30th Street, Room 100A
Cleveland, OH 44114
Tel. (216) 298-4425

Operations Manager: Ms. Quelina M. Jordan
NTA Web Site: www.ntaonline.org

NTA Publications Committee

Dr. George Carruthers
george.carruthers@nrl.navy.mil
(202) 767-2764

Dr. Jesse Bemley
jesse.bemley@hqda.army.mil
(703) 601-4162

Dr. Moses Garuba
apache@scs.howard.edu
(202) 806-4371

National Technical Association

"Nurturing scientists, engineers and educators…. since 1925"

MEMBERSHIP APPLICATION

Please complete application and mail with payment to
ATTN: Membership, National Technical Association, 1761 East 30th Street, 100A, Cleveland, OH 44114.
For more information, visit www.NTAonline.org or call (216) 298-4425.

PERSONAL INFORMATION	CIRCLE TYPE: NEW or RENEWAL
NAME	
ADDRESS	
CITY STATE ZIP CODE	
TELEPHONE	
EMAIL	

EMPLOYER/SCHOOL INFORMATION	
COMPANY/SCHOOL	
TITLE/POSITION	
STREET ADDRESS	
CITY STATE ZIP CODE	
TELEPHONE	
FAX	
EMAIL	
WEB SITE	

EDUCATION	SCHOOL	MAJOR	DEGREE	GRAD YEAR
UNDERGRADUATE				
GRADUATE				
POST-GRADUATE				

FOCUS AREA & CAREER EXPERIENCE

[] Architecture	[] Computing	[] Education	[] Engineering	[] Mathematics
[] Info Science	[] Science	[] Technology	[] Entrepreneurship	

MEMBERSHIP ELEMENTS

CHAPTER					
CLASSIFICATION	[] Professional ($50)		[] Student ($10)	[]	Sustaining ($200)
	[] Associate ($50)		[] Trailblazer ($40)	[]	Life ($1350)
CORRESPONDENCE	[] Mail to home		[] Mail to employer/school		
	[] Email to home		[] Email to employer/school		
DATE OF BIRTH		NICKNAME			

PAY BY CHECK		PAY BY CREDIT CARD			
Financial Institution Name		Credit Card Number			
ABA Routing Number		Expiration Date		Auto-Renew	[]
Checking Account Number		Billing Address			
Check Number		City State Zip Code			
Signature		Signature			

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