

◆ NATIONAL TECHNICAL NEWS ◆

Volume 6, Number 2

Spring 2000

NTA 2000 CONFERENCE

October 18-21, 2000

Hampton, VA

The National Technical Association (NTA) is pleased to announce its **71st National Conference and Technology Career Fair** will be held at the Holiday Inn Hotel & Conference Center, Hampton, Virginia on **October 18-21, 2000**. The conference theme is **The Black Engineer and the New Millennium**. NTA invites African-American scientists, engineers, architects, mathematicians, technology educators, and students to participate in one of this year's most comprehensive conferences to address technology development by the minority community.

The NTA conference will highlight innovative technology advancements of today's minority technical professionals. It will enable you to network with minority technical professionals who are vital to U.S. global competitiveness. The conference technical sessions, workshops and forums will provide many opportunities to exchange ideas with professionals who develop the nation's leading-edge technology. The conference will address critical issues facing the minority community as key providers of our nation's technology. The conference has something for all professionals and students who use science and information to stay globally competitive.

NTA invites you to submit abstracts and proposals for presentations and workshops you'd like to make at the conference. Topics directly related to the conference theme are strongly encouraged; however, submissions in all scientific/technical and technology education areas are welcome. NTA will evaluate all sub-

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MEMBERSHIP NEWSLETTER

A Publication of The
National Technical
Association
Incorporated 1926

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NTA President's Report Second Quarter April 7, 2000 Board of Directors Meeting

I remain honored and humbled to be the President of such a prestigious technical voice and society as the National Technical Association. I wish to express my gratitude to each of you for your continued support. It is a good thing that we realize the condition that the organization has fallen to, but at the same time are aware that its Historical contributions to minority professionals, students and communities make it worth our while to continue the re-building and re-engineering process.

We want to forge ahead in a creative and innovative way in the next two quarter to: 1) Make the NTAONLINE a top notch resource for the membership. 2) Re-establish the National relationship with chapters; 3) Groom a tapestry of international and national intellectual researchers, scientists, engineers, architects, technologists, entrepreneurs and educators who will be resources for the organization in their various fields. 4) Improve member and chapter recognition. 5) Encourage Regional Directors and provide leadership/advice with their tasks. 6) Review key organization documents with recommendations to the Board as needed. 7) Ensure that all presidents (professional and students) have the necessary information outlining operations protocol of a National Technical Association chapter/branch. 8) Encourage all Board members to become thoroughly intimate with the organization's constitution and

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bylaws 9) assist the Executive Directors with fundraising/ procurement and 10) encourage the conference planning committee to produce an outstanding conference

In the five months since my election the one thing realized is that we have a great job before us but not one that is impossible. As an organization we have every talent that is needed to put NTA back on solid ground! We are continuing to analyze and improve various systems within the organization.

There are several items that are imperative that this Board address: 1) Finances, 2) Membership building and 3) Chapter/National office Operations. Meeting these objectives will wipe out the aforementioned goals.

ACCOMPLISHMENTS:

1. Made contact with many of the Chapter Presidents that were provided by the Database Manager, Mr. Mike Chapman. Update information has been provided to the Regional Directors and Executive Board.
2. Have placed a call to Houston Endowment to find out if its possible to get funding for our National programs. I will prepare a preliminary proposal to discuss with one of the officers of the company.
3. Made the following appointments to help ease the burden to the Board of Directors in meeting this administrative Goals:
 - a. **Mr. Shelton Swanier** of Jackson State University, the Historically Black Colleges and University (HBCU) **Liasion** - Overall responsibility will be to provide current information to the NTA on changes in Deans of the Schools of Engineering and or Technology; promote student chapter development on the HBCU campuses, linking them to the area Regional Director, and look for opportunities to collaborate with the University on projects that will benefit the NTA.
 - b. **Ms. Hattie Carwell** as **International Liasion** - Overall responsibility will be to look for opportunities to establish professional collaborative partnerships. I expect to make at least one more appointment this year. I would like to make one more appointment this year.
 - c. **Mrs. Rae Martel** as **Corporate Liasion** - Overall responsibilities are to revive old corporate relationships (when possible), develop new corporate support and make recommendations to the Board of directors for Corporate people who can become board members. (I want to introduce 3-4 positions on the board of directors especially for Corporations.) I expect to make at least one more appointment this year.

I remain faithful to achieve the goals and objectives outlined in the beginning over the next two quarters. I solicit your continued support. Please call me or e-mail me at any time if you have a concern. Let's Do It Right!!

Humbly submitted

Katherine W. Coleman

Katherine W. Coleman, President

**Next Board of Directors Meeting—July 15, 2000
Holiday Inn on Mercury Boulevard, Hampton VA**

NTA Student Honored at Black Engineer of the Year Conference

Danielle A. Hinton, a student at the Massachusetts Institute of Technology and daughter of NTA National Secretary Yolanda Hinton, was the recipient of the William H. Wiley Student Leadership Award at the US Black Engineer 2000 Black Engineer of the Year Awards Conference, held in Baltimore, MD this February. She was cited for her role in mentoring high school students during her Summer, 1997 internship at Zel Technologies in Hampton, VA.

Since then, she has held an internship during the summer of 1999, with Bell Laboratories/Lucent Technologies Wireless Communications Research Division in Murray Hill, NJ. She was also cited by Dr. Wesley Harris, professor of aeronautics at MIT and a former NTA Journal Editor, as being among the most outstanding students he has known at MIT.

Danielle, who currently has a 4.6 GPA (on a 5.0 scale), will be graduating in June, and working this summer at Texas Instruments, Inc. in Dallas, TX. She will return to MIT in the fall to resume her studies for a M.Eng. and Ph.D. in Electrical Engineering and Computer Science, with a concentration in digital signal processing.



Danielle A. Hinton

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mitted abstracts based on their suitability for inclusion in the conference program. Full manuscripts are welcome, but not specifically required. NTA will publish abstracts in a *Compendium of Abstracts*, to be distributed at the Conference, and full manuscripts in a special conference proceeding or a future issue of the *NTA Journal*, NTA's official publication.

All technical presentations will be conducted in session format throughout conference. Each presentation is typically limited to 15 minutes, with 5 additional minutes for discussion. Material better suited for a forum/workshop setting will be accommodated based on its alignment with the central conference theme, potential audience appeal, and accompanying corporate support/endorsement. Please elaborate on specific needs regarding your desired presentation format when submitting your abstract/proposal.

We have designed the conference to attract multifaceted participants; therefore, we extend this invitation to all technical professionals, technology educators, high school and college students. You need not be a member of the NTA to participate. Members of all Black Technical Organizations (BTO's) are especially invited to submit abstracts / proposals.

Submitted abstracts/proposals will be allocated to the conference program at the following participation levels (final conference program may vary based on the number of acceptable submissions):

- o **Professionals** - Technical Papers Sessions, Workshops and Forums
- o **College Students** - Collegiate Technical Papers Symposium
- o **High School Students** - High School Technical Papers Symposium, National Science Fair Project Competition

Note that we are soliciting technical papers from *professionals* (including graduate students) and *students* (college undergraduate and high school). We are also soliciting high school science projects for our "National Science Fair Competition." Scholarship awards will be presented to the best papers/projects in all student categories.

General topics to consider when developing your abstract or proposals are listed below:

- o **Technical Sessions:** Engineering, Mathematics, Information and Computer Science, Physics, Telecommunications, Space & Aeronautics, Energy, Chemistry, Architecture, Environment, and other Science and Technology fields

- o Legislative Updates/Policy in Science, Technology, Energy, Environment, Space & Aeronautics, Research & Development, Telecommunications, Academic Standards
- o Technology Education; Mentoring With Success; Effective Classroom Visitation; Merging Technology and Local Communities
- o Corporate America: Where are the Jobs in 2000 and Beyond?
- o Undergraduate/Graduate Research & Educational Opportunities
- o **Human Resources Development:** Workplace Retraining; Career Transitioning; Outplacement; Diversity Management; Multicultural Work Environment
- o Information Technology; Interactive Classrooms; The Internet
- o Distance Learning and Continuing Education
- o **Charter Schools:** Opportunity or Setback for African-Americans Pursuing Science?
- o Architecture: Building 21st Century America
- o The African/American-African Connection
- o Technology as a Tool for Economic and Business Development; Small and Disadvantaged Business
- o Professional Development

*** ABSTRACT/PROPOSAL SUBMISSION FORMAT AND GUIDELINES ***

Abstract/proposal submissions must provide the following information:

- Authors' full name, full mailing address, daytime & evening telephone numbers, e-mail address and/or fax number.
- Professional or student category (if student, provide grade level).
- Academic/occupational title, including company/institution name.
- Indicate whether you are an NTA member (state your membership classification and chapter affiliation), member of another technical organization, or a non-member.
- Indicate type of submission (technical paper presentation, workshop, forum, science fair project, etc.) and applicable support mechanism (i.e., corporate or academic sponsorship)
- **Title of presentation (15 words or less)**
- **Abstract of presentation (150-300 words).**

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- One copy of the above information (ELECTRONIC SUBMISSION PREFERRED) should be submitted to EACH PERSON listed below:

Dr. George R. Carruthers
Naval Research Laboratory
Code 7609
Washington, DC 20375-5320
george.carruthers@nrl.navy.mil
Tel. (202) 767-2764
Fax. (202) 404-7296

Dr. John Trimble
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Howard University
Washington, DC 20059
trimble@scs.howard.edu
Tel. (202) 806-4822
Fax. (202) 806-4531

ABSTRACT SUBMISSION DEADLINE: 1 SEPTEMBER 2000

For conference information, please contact:
The National Technical Association, Inc.
2000 NTA National Conference

For **hotel reservations**, contact:

Holiday Inn

Hampton Hotel & Conference Center

1815 West Mercury Blvd., Hampton, Virginia 23666-3229

Phone: (757) 838-0200 FAX: (757) 838-4964

E-mail: holiday-resv@worldnet.att.net <http://www.holiday-inn.com/hamptonva>

Using the Media

by Dr. Kathleen J. Prestwidge

National Technical Association members and chapters, and their activities, deserve all the publicity they can obtain. This means, getting the information out to the public media.

I do not think that I need to list the important reasons.

However, I would add that even the small things that you do, scientifically or through the NTA, are important, because we need to keep our science and technology presence before the public. With our very busy schedules, perhaps we can get more publicity by trying some of the following suggestions:

Writers:

Try locating retired teachers, librarians, or people who used to or are beginning to write. Some home-bound seniors might also be willing and able. A few young people, high school students involved with school newspapers and yearbooks, may also be able to help. If you cannot locate such people at the moment, the old adage says, "it is up to you!" Perhaps if different members volunteered to the publicity for one month each, it would lighten the responsibility.

New Releases or Basic NTA Information:

Try news releases on NTA letterhead (chapters) using a simple standard format. Include a name and phone number, and/or e-mail address for a contact person. Indicate "For Immediate Release" or "Date of Release" (sending it 10 days before the event is good, and necessary if it is to be a big enough event or if you want their press coverage.) Indi-

cate in bold on the envelope, "Date Sensitive Material". If you can establish a relationship or get a name, and specifically direct the mail, it never hurts to identify, on the invitation, the invited media person and specifically, when the pertinent part of the program (give an approximate time) will take place. This might serve as an additional inducement to attend, because of their time constraints.

Media to Target:

Newspapers: Daily majority newspapers, minority newspapers (if the event is of sufficient interest, send the information to non-African American newspapers also). Locate a columnist who runs a gossip column, and let him/her include some worthwhile gossip about scientists' doings or what's happening in the NTA neighborhood.

Magazines: Target African American and women's magazines; also, do not restrict yourself to local ones.

Newsletters: Target your own professional scientific organizations, religious newsletters of groups you know about (who will understand and want to know of some African American "science doings"), senior citizen publications (Elderhostel has a minority outreach newsletter), fraternities, sororities, lodges, etc.

Incidentally, in the past, the NTA National Office has placed smallest-possible advertisements in the American Chemical Society, National Science Teachers Association, and other newsletters or journals. I suggest including a brief

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background statement about NTA from one of the older documents with all press releases.

Radio: Cultivate someone at a local radio station for spot announcements or public interest information. (Give a small money prize to a youngster who puts some African-American science information to rap to hip-hop rhythms.) For larger happenings in your chapter, try to get taped interviews with those who have shows.

Television: Try Public Access TV on cable channels in large cities. Put in a general request to their community outreach person or PR person for coverage of an event of public interest involving young people. Many public access TV stations have bulletin boards which announce local coming events. Know their deadlines and constraints.

Part Time Faculty: Time permitting, the institution has an audiovisual department which will tape you or your program, upon (well in advance) request, if you have a science guest speaker or if you are doing something (lesson, demonstration, special lecture, etc.), and do state that you need a copy. (Suggestion: buy the required blank tape, and take the recorded tape home.) You should own the copyright to that tape. Normally, ownership should not be an issue, but I believe that possession is 2/3 of ownership.

I try to practice what I preach. As a Public Access TV producer in Queens, I have played all the videos I have recorded at NTA Annual Meetings on Queens Public Access TV stations (cable) as well as one program at the NASA Goddard Space Flight Center. I am going to try to decrease my involvements, and look into offering an Elderhostel program on the Contributions of African Americans to Science, Engineering, and the Health Professions, which could be complemented by my upgraded bibliography with the same title. The upgraded bibliography on Women in the same areas covers majority and minority women.

There is much for us all to do. Let's try to get free publicity wherever possible, but let us not be afraid to place very inexpensive advertisements in science publications where it will catch the attention of some main-stream scientists and science organizations who need to know us!

Atmospheric Science Conference Held at Howard University

The Center for the Study of Terrestrial and Extraterrestrial Atmospheres (CSTEA) and the Howard University Program in Atmospheric Sciences (HUPAS) hosted a 2 1/2-day Student Conference entitled *Celebrating 20th-Century Pioneers in Atmospheric Sciences: Examining 21st Century Challenges and Opportunities*, March 20-22, 2000 in Washington, DC. The program included presentations and panel discussions by professionals in the atmospheric sciences, as well as student and professional poster presentations. About 60 students, attending not only Howard University but several other historically Black universities which are part of the CSTEA HBCU Academic and Research Consortium (CHARC), participated in the conference; about 25

students presented poster papers. Dr. Vernon Morris, CSTEA Deputy Director at Howard University, was Conference Chairman.

Professionals participating in the conference included the keynote speaker, Dr. Denise Stephenson-Hawk, a member of CSTEA's advisory board, who recently was appointed Provost of Spelman College, Nobel laureate Dr. Mario Molina, and NCAR senior atmospheric scientist Dr. Warren Washington, as well as two NTA members: Mr. David Woods (Hampton Roads Chapter) and Dr. George Carruthers (Washington, DC Chapter).

Mr. Woods participated in a panel discussion, "Matters Within Government and Research Laboratories", and spoke on the Stratospheric Aerosol and Gas Experiment III (SAGE III) Education and Public Outreach Program at NASA Langley Research Center. Mr. Woods has also served on a Technical Review Committee for CSTEA, and had previously arranged for the loan of a NASA Langley quartz crystal microbalance to CSTEA for its program of aircraft-based measurements of stratospheric air pollution due to (other) aircraft. Dr. Carruthers, who is a member of CSTEA's advisory board, gave a poster presentation on results of upper atmospheric and ionospheric measurements by the Advanced Research and Global Observation Satellite (ARGOS).

NTA Houston Chapter Holds 2000 Science Fair

The NTA Houston Chapter conducted its 15th Annual Science Fair Exposition on April 15, 2000. This highly successful event was held at Texas Southern University and attended by 150 students with their projects, 100 parents, judges, volunteers, and on-lookers. The students presented some very creative projects that gave the judges a run for their money! The Science Fair began with registration at 7AM and concluded with the Awards Ceremony at 2:30PM. The award recipients for the Middle School and the High School 9th and 10th grade divisions received a computer and monitor. The award recipient from the High School 11th and 12th grade divisions received a laptop computer.



NTA Houston Chapter members with student participants in the April 15, 2000 Science Fair.

Calendar of Events for the Greater Albuquerque NTA Chapter

January 2000

- A member of the Greater Albuquerque NTA Chapter submitted a nomination form for a Small Business Award sponsored by the Albuquerque Chamber of Commerce. The form was submitted for recognition of a minority business leader of Albuquerque to the Albuquerque Chamber of Commerce.
- One of the members of the Greater Albuquerque NTA chapter submitted a Small Business Proposal to the Albuquerque Chamber of Commerce.

January-February 2000

- A pre-college training and test preparation seminar featuring the American College Test (ACT) was . taught by a NTA member to high school students for five weeks on Saturdays in January and February at Highland High School in Albuquerque.
- A NTA member was a mentor to students in the Literacy Program at Kirtland Elementary School on Tuesdays from January 4-25 and February 1-29 for eight weeks.

February 2000

- **February 4-6:** Equipment and volunteer support for the local National Society of Black Engineers (NSBE) Chapter was provided during the Regional NSBE conference in Albuquerque.
- **February 11:** NTA members participated in the African-American Heritage Day at the State Capital in Santa Fe, NM. They also disseminated information to the community about this event.
- **February 12:** Attended the Financial Planning for Retirement Seminar at Sandia National Laboratories.
- **February 19:** Department of Energy (DOE) Science Bowl Volunteers at State DOE Science Bowl Competition at the Albuquerque Academy.
- **February 26:** Mathcounts. Serve as a Grader and Proctor.
- **February 29:** Sandia National Laboratories Youth Conference on Environmental Issues.
- An NTA member developed the Black History Quiz for the Kirtland Heritage Committee of the Kirtland Air Force Base. Participants on the committee were from Sandia National Laboratories, U.S. Air Force, and Department of Energy.
- Some of the NTA members participated in the Academic, Cultural, Technological, and Scientific Olympics (ACT-SO) Fundraising Planning Session for the Santa Fe, New Mexico NAACP chapter.
- Some of the NTA members are mentoring NAACP ACT-SO students for Science and Humanities projects.

March 2000

- **March 4:** Attendance of play on Dr. Mae Jemison at the National Atomic Museum.
- **March 17:** Northwestern New Mexico Regional Science Fair Judges and mentors for the Technical Paper Review at the University of New Mexico.
- Albuquerque School to World Conference.
- Assisted in fundraising for HBCU tour for Albuquerque minority students. Students from Albuquerque high schools will travel to Atlanta, Georgia to tour Morehouse College, Spelman College, Clark Atlanta University, Morris Brown College, Georgia Tech, and Emory University during April 15-20.
- Assisted in fundraising for Benefit auction for the Disabled.

April 2000

- **April 8:** Fundraiser dinner for NAACP ACT-SO in Santa Fe, New Mexico.
- **April 15:** NAACP ACT-SO Local Competition. NTA members will be mentors for students participating in the Science Fair and Humanities competition.
- A NTA member will assist in planning for a New Mexico State University tour for Minority high school students pursuing science and engineering careers. This tour will occur in April.

January 2000-Present

Individuals from NTA have been sharing information on scholarships and programs in Science and Engineering to parents and students. Some of these programs are the Ronald McNair Program at the University of New Mexico, Auburn University Minority Introduction to Engineering program (MITES), Tuskegee University Computer Science Programs, and the Princeton University Summer Program.

NTA Space Coast Chapter Reports

To Infinity and Beyond!

The Space Coast, Florida Chapter of the National Technical Association understands that exposure and preparation are critical if we are to inspire and motivate our youth to be the engineers, scientists, teachers, entrepreneurs, and leaders of the future. One of the services offered by the Space Coast, Florida Chapter of NTA is a technology lab for students based on the Lego DACTA Control Lab. An eight week introductory course, offered to students in the third (3rd) through tenth (10th) grades, was developed to provide an overview of the Lego Computer Control Lab. A follow-on advanced course is based on exploratory projects and incorporates the world of

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computers and controls to provide insight to the real world applications. The students participate in hands-on design and building activities, independent and team projects, and programming exercises. The concepts covered in the eight-week courses include control theory, mechanics, motors, and basics of computer programming. The courses also include discussions on how these concepts are applied in our everyday lives. If the minds of our youth are to be challenged to go to infinity and beyond, then it is up to organizations like NTA to provide opportunities for learning outside of the traditional classroom.

For more information on the program or to become a volunteer instructor please call (321) 631-3940.



Fifth grader Jabarrick Davis works with instructor Wanda Harding, NASA Engineer and NTA member, at his Lego workstation.

"My Dream for the Future" is the essay topic for students in grades 7 - 12. The Space Coast, Florida Chapter is sponsoring the essay contest through its Project STAR program. The winner will be presented with a \$100 savings bond on Saturday, April 29th at the 7th Annual **AIM FOR THE STARS! YOU CAN BE WHAT YOU WANT TO BE!** This career awareness program for students and their families spotlights a panel of successful African Americans who share how they changed their goals and dreams into realities! Among the special guest panelists will be Judge Cathleen C. Clark, the first African American in Brevard County appointed to the 18th Judicial Court Circuit and NASA engineer, Wanda Harding. They will surely challenge our young ladies as well as our young men to dare to **dream for the future!**



James Jennings, Deputy Director for Business for NASA at Kennedy Space Center, an NTA member and past President, visited the Space Coast, Florida Chapter display manned by Program Coordinator Marion Blocker. NTA participated in the March Employee Information Fair at Kennedy Space Center and at the Cape Canaveral Air Force Station. United Way sponsored the event, to make the community aware of the diverse services available and to allow agencies to share opportunities for volunteer service.

Mr. Jennings also recently received a Presidential Meritorious Executive Award as a member of the Senior Executive Service (SES).

NTA Hampton Roads Chapter Mathematics Contest 2000

The NTA Hampton Roads Chapter (NTAHRC) held its Math Contest 2000 on the campus of Old Dominion University (ODU) on April 15, 2000. The event was a huge success, attracting over 80 student registrants from a 10-city area. Sponsored by NTAHRC, with assistance from Old Dominion University (our host), NASA Langley Research Center, and Hampton University (HU), the contest offers students in grades 7-12 the opportunity to compete in a friendly environment on an SAT-styled mathematics exam while stressing the importance of math in career preparation. As part of the contest, students get the opportunity to interact with local scientists and engineers, and to experience real-world applications of science and math by touring campus laboratory facilities. A Basic and an Advanced test are given, and monetary prizes awarded for top scorers in multiple categories.

"NTAHRC members came out in force and performed tremendously", said NTAHRC President Shannon Arnold. "And I give special thanks to the Mechanical Engineering Department of ODU, specifically Dr. Gregory Selby, his staff and students, who did a wonderful job in providing the venue and carrying out the laboratory tours and demonstra-

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tions." Dr. Selby, an ODU professor of mechanical engineering and NTAHRC member, gave each student a reason to pursue education to its highest levels. In his keynote address, he challenged the contest participants to always do well in school. He reflected on "back in the day" when life was not as good, and how each of them owed it to themselves and their parents to pursue high achievement.

Several other NTAHRC members were instrumental in the preparation and administration of Math Contest 2000. "Dedication on the part of Dr. Claudia Rankins (HU), Michael Chapman (past National President), Yolanda Hinton (National Secretary), William Bolden, Elijah Kent, Latunia Pack, Dr. Rudy King, Wayne Boston, Sharon Jones, Gwendolyn Wheatle, and Melvin Ferebee is what makes NTA the organization we all have worked to keep alive. These are individuals who give of their time and energy, not just their money or opinions. Thanks to all of the Hampton Roads area junior/senior high school students, parents, guidance counselors and teachers who awaken each day, ready to go to work in preparing for our future," praised President Arnold.

"I think the interesting thing about the contest is that we get to see that math is a universal language. All of the students did well on the test. This year saw students from 10 surrounding cities excelling in math and receiving awards for jobs well done. Students from a variety of nationalities and economic backgrounds all performed similarly on the tests. In many cases we had tie scores, showing that math performance can be the same no matter what a student's background or where he/she attends school," said President Arnold.

The following students were winners in Math Contest 2000 (name, school, grade, and award):

Alendria Prioleau, Western Branch Middle School, 8,
1st Place- Basic Test

Patrick Rault, New Horizons Governors School, 12,
1st Place- Advanced Test

Brian Pulley, Lindsay Middle School, 7,
2nd Place- Basic Test

Daijun Yu, Grafton High School, 11,
2nd Place- Advanced Test

Darnell Vennie, Lindsay Middle School, 7,
3rd Place- Basic Test

Andrew Pao, Poquoson Middle School, 7,
3rd Place- Advanced Test

Trevor Howerton, Lindsay Middle School, 7,
7th Grade Basic Test

Eric Brady, Crestwood Middle School, 8,
8th Grade Basic Test

Aneesh Venkat, New Horizons Governors School, 8,
8th Grade Advanced Test

Courtney Burns, Hampton High School, 9,
9th Grade Basic Test

Dennis McLeod, Warwick High School, 9,
9th Grade Advanced Test

Ramone Boyd, Hampton High School, 10,

10th Grade Basic Test

Shana Russell, Woodside High School, 10,
10th Grade Advanced Test

John Wie, New Horizons Governors School, 11,
11th Grade Advanced Test

Patrick Rault, New Horizons Governors School, 12,
12th Grade Advanced Test

The winning school (highest average score) was Lindsay Middle School of Hampton, VA.

The Hampton Roads Chapter shares its tests with the NTA Washington DC Chapter. In previous years, the HRC and DC chapters held a regional math contest (featuring the winners from their local contests) to further the enrichment experience. Plans for this year have not been finalized.



Dr. Claudia Rankins gives Test Instructions to Students participating in the NTA Hampton Roads Chapter's Mathematics Contest 2000.



NTA Hampton Roads Chapter Mathematics Contest 2000 Winners.

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NTAHC Math Contest students are learning about Mechanical Stress in a tour of the Old Dominion University Mechanics Laboratory.

NTA - DC Chapter Year 2000 Mathematics Contest

The annual Washington, DC Chapter Mathematics Contest was held on Saturday, April 15, 2000 at Wakefield High School in Arlington, Virginia. Students from fourteen different schools representing Maryland, DC, and Virginia participated, grades 6 – 12.

Juice, fresh fruit, and Danish pastries were available upon their arrival. After the intense testing period, there was an interactive session led by Michael Keeve of Norfolk State University. Towards the end of that session, a delivery of pizza was heartily welcomed by all.

The awards program, conducted by Chairperson Wylona E. Harris, included the presentation of beautiful certificates and pins to each student present. T-shirts provided by Raytheon, were given to each repeat attendee. Trophies and monetary announcements were given to the following students as a result of their scores on the tests:

Advanced Test Winners

- 1st Place:** Whitney Green, Grade 9, Colonial Forge High School
- 2nd Place:** Ayub Iman, Grade 12, Wakefield High School
- 3rd Place:** Petrushka Bazin, Grade 12, Wakefield High School

Basic Test Winners

- 1st Place:** Charles Covell, Grade 7, Williamsburg Middle School
- 2nd Place:** Nick Blain, Grade 12, Langston Continuing Education
- 3rd Place:** Lakia Sutton, Grade 10, Ballou Senior High School

In-Grade Awards

- 6th Grade:** Wintrell Phillips, James McHenry Elementary

School

- 7th Grade:** Jocelyn Young, Drew Freeman Middle School
- 8th Grade:** Binta Thiam, Alice Deal Junior High School
- 9th Grade:** Sadia Ahmed, Wakefield High School
- 10th Grade:** Abdikadir Dubed, Wakefield High School
- 11th Grade:** Sheree Hilliard, Ballou Senior High School
- 12th Grade:** Francisco Sarivia, Wakefield High School

The perpetual plaque was presented to Wakefield High School for the highest student attendance for the year 2000 contest.

Other persons on hand to assist for the day were Reggie Hands (New Jersey), Shelly Harris (New York), Rochelle Jones (NSBE), Wanda Gay (Raytheon), Ron and Donna Aikens, George Carruthers, Lester Clemons, Freddie Hill, Arthur Southerland, and Jesse Bemley. Thanks to one and all for assistance!



Wyllona Harris, NTA DC Math Contest chairperson (left), with Arthur Southerland (center) and Wanda Gay (right) present the First Place Advanced Test award to Whitney Green.



First Place Basic Test award is presented to Charles Covell.

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Dr. Michael Keeve, assisted by Shelly Harris, gives the student participants a presentation on some of the wonders of mathematics.



Wakefield High School student Ayub Iman (right) explains the software he developed for graphing equations to Dr. Jesse Bemley.

**Wilfong's Endorsement of the Year:
The Martel Group - Management Consultants**

Rae C. Martel, President and Owner of The Martel Group, provides experience in a cross section of functions and management processes, including in-depth knowledge of Federal and State procurement procedures, policy and program development in the area of socioeconomic procurement, and training and guidance for Doing Business with The Government.

Known nationally for her expertise in developing innovative programs and problem-solving, Martel has been noted as a results-oriented leader throughout her career. She has been recognized by the National Aeronautics and Space Administration (NASA) for her exceptional service and leadership, and by National Advocacy Organizations and Trade Associations for her work on behalf of small, minority- and women-owned businesses.

During the 76th Legislative Session of the Texas Legislature, on temporary detail from NASA, Martel's recommendations resulted in landmark legislation designed to strengthen the Texas Historically Underutilized Business Program.

Ms. Martel developed policy and implementation guidance for NASA's Mentor-Protege program, which has been widely recognized in the Federal Government. Using her procurement knowledge and expertise, Martel developed other successful NASA initiatives that facilitated the increased participation of small, minority- and women-owned firms at NASA.

For Ms. Martel, customer focus has been the cornerstone of success in dealing with Congress and high-level government officials in order to serve and meet the needs of the business community.

The Martel Group Philosophy

The Martel Group is uniquely poised to assist companies and government agencies face the call for increased quality and services with innovative programs and processes and training.

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NOTE: Rae C. Martel is a former NTA Region II Director and Washington, DC Chapter President.

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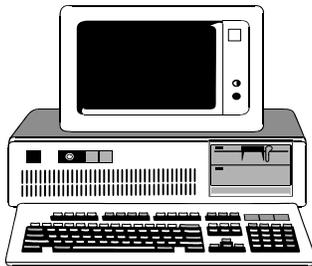
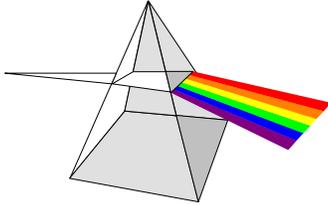
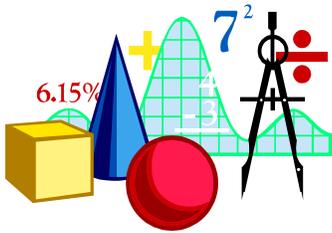
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