



School Scene

Technology Student Association, 1914 Association Drive, Reston, VA. 20191-1540, www.tsaweb.org

TSA Exhibits at Technology Show in Washington, D.C.

The 25,000 people who attended NBC4's Digital Edge Expo at the Washington Convention Center in Washington, D.C. may have come to test the latest gadgets and gizmos, but many of them left knowing about the Technology Student Association.

Invited to participate at the second annual consumer technology show by NBC4's Technology Reporter I.J. Hudson, the Technology Student Association hosted a booth with students, teachers, parents and TSA National staff throughout show hours on Saturday and Sunday, September 7-8, 2002.

Stafford County, Virginia's Mr. Paul Jacobs, TSA Advisor at Gayle Middle School and Stafford High School, and his TSA students and parents brought TSA's booth to life by demonstrating TSA competitions and chatting about TSA opportunities to show goers. NBC4's I.J. Hudson interviewed Mr. Jacobs and his students on camera about TSA's benefits and learning opportunities.

"Expo visitors may have come to check out 21st century technological advances but many took the time to learn about who we are — that the Technology Student Association prepares tomorrow's technological workforce," said Jill M. Landsman, TSA's marketing manager.

Stafford High School TSA students who worked at TSA's booth were Jacob Hatfield, Mary Mocsary and Carmen Cabrero. Heather Hennebury, Andrew Spencer, Ben Bradshaw, Thomas Darron, Andrew Darron, Mike Schneider, Earl Dodge, Ashley Duval, Jake Johnson represented Gayle Middle School TSA at the tech show. Both TSA chapters are schools in Stafford County, Virginia.

2002-2003 National TSA Officer Team



From left to right: Matt Stan, National TSA Reporter, Lewisburg HS, PA; Mary Warner, National TSA Treasurer, Winter Springs HS, FL; Michael Ward, National TSA President, Ninnekah HS, OK; Jessica Chandler, National TSA Sergeant-At-Arms, South Jones HS, MS; Doug O'Reagan, National TSA Vice President, Mauldin HS, SC; and Alfonso Dager, National TSA Secretary, McFatter Technical HS, FL.

Hello National TSA! On behalf of the national officers, thank you for your vote of confidence in electing our team. The entire national officer team is already working hard to plan an awesome national conference, publicize TSA, and make this a great year for National TSA. I am excited about serving you as National President.

Your participation as student members is the most important component of TSA. The local, state, and national officers you elect are the ones who serve you and can help to make your experience in TSA the very best possible. The national officers extend an invitation to you to contact us with your ideas and suggestions for TSA. Your input is valuable as we plan for the year ahead.

The 2002-2003 year will prove to be an exciting year for TSA members, as all roads lead to the 25th Anniversary of the Annual National TSA Conference in Orlando, Florida. This very special celebration will be one to remember for years to come. The National TSA Officer Team and staff invite you to take make the most of this special year as we pay tribute to our past and look forward to TSA's dynamic future.

Michael Ward
National TSA President



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Getting There is Half The Fun!

Toombs County MS TSA Members at the Texas border

One TSA chapter's national conference experience was much more than just the conference in Denver, Colorado

The trek to a national TSA conference can be long and uncomfortable for chapters traveling far distances. However, the journey can also be as meaningful and memorable as the conference itself. Just ask the members of Toombs County Middle School TSA from Lyons, Georgia. Their trip is one that they will likely not soon forget.

Seven students and 6 chaperones traveled to Denver, Colorado via an air-conditioned school bus. The group spent 4 days driving to Denver and 4 days driving back. "We wanted to make the experience like an educational field trip," said Chapter Advisor, Ken Mitchell. They succeeded. Through many fund-raising efforts, local donations, a supportive school board, and great planning, the Toombs County Middle School TSA was treated to a cross-country sight-seeing tour.

On the way to Denver, the group toured Nashville, TN, as well as the famous Arch in downtown St. Louis Missouri. As they crossed the Colorado state line, a pickup truck sped by them carrying a hockey team. Not far ahead of them, the axle to the pickup broke and caught fire. The attempts of the driver and passengers of the truck to extinguish the fire that had started around the wheels were unsuccessful. Using the fire extinguisher on the bus, Mr. Mitchell, a former firefighter, helped to put the fire out. Luckily, no one was hurt. Mr. Mitchell said jokingly, "the kids wanted to count this toward their service project — Bronze, Silver and Gold Service"



Fencing and wall surrounding the Oklahoma City National Monument, Oklahoma City, Oklahoma

After the conference, they group stopped in Dallas, and then in Oklahoma City, Oklahoma, and spent four hours at the Oklahoma City National Memorial. Along the fence that surrounds the memorial, visitors leave mementos, notes and gifts to honor the victims. As the Toombs County TSA chapter passed the fence area, they noticed that a TSA student had already left their red-white-and-blue conference wristband on the fence, along with other heartfelt items from other visitors. Mr. Mitchell said that visiting the monument was an especially moving experience for the students and adults, and seeing the TSA wristband inspired an even greater sense of pride and patriotism. Seventh-grader and Toombs County Middle School TSA President, Mary Catherine Farrell said of all the sight seeing the group did, "seeing the national monument in Oklahoma City was my favorite. It was very meaningful for me."



The starting point for an entry in Marine Design Challenge



A judge competes scoring sheets for a display event

Three TSA competitors take a moment to pose in their official attire



Denver, Colorado-The West at its Best!

Over 3,300 people, including students, teachers and corporate partners, attended the T S A's annual national conference from June 24-28, 2002 at downtown Denver's Adams Mark Hotel. "To Achieve and Succeed" was the theme for this year's event, and students who waited all year to compete seized the opportunity to do just that.

Students were challenged by more than 50 national level technology and leadership competitions, general sessions, and the national officer candidate campaigns and elections. The top ten for each event received recognition at awards ceremony.

Employing the student-team approach, new medical technology competitions challenged students to research and report on potential solutions for the prevention and rehabilitation of a disease, and steps to take to ensure that patients later experience better health. Teams also participated in the new biotechnology design competition and presented a proposed solution to a problem that uses living organisms to make products, to improve plants or animals, or to develop microorganisms for either commercial or biological use.

Other conference highlights included a keynote address by one of the leading paleontologists in the world, Dr. Jack Horner, as well as a one-day Education Fair held on Wednesday, June 26. Showcasing their latest technology and education products and services were exhibitors such as Autodesk, Midwest Products, Pitsco, DEPCO, Solidworks, Goodheart Willcox, Applied Technologies, Pitsco Lego Dacta and more. During Special Interest Sessions hosted throughout the week, conference attendees learned about the latest in technology trends.



The "Singing Cowboy", Sean Blackburn entertains the delegation at the Opening General Session

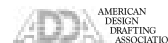
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Alumni Spotlight

An interview with former National TSA President, Mr. Guy Cecil

TSA Alumni, Mr. Guy Cecil, sets an example of what is attainable when one applies the commitment and “focus” that TSA promotes. Currently the Director of Campaigns for the Democratic Party in the state of Arkansas, he earned his Bachelor of Arts in Political Science from The University of Florida. He is a 1992 graduate of North Miami Beach Senior High School in Florida. Guy has held TSA state offices as the Florida TSA Reporter and Florida TSA President. He also held the national TSA offices of Reporter and President. *School Scene* thanks Mr. Cecil for this interview.

SS: Why have you stayed active in TSA?

GC: One obvious reason would be that TSA gave me opportunities that no other organization could. Having been removed from active participation as a student for several years, I have a better perspective of all the positive influences TSA provided me with over the years. I learned things from TSA that I couldn't have learned anywhere else, certainly not from other organizations or simply sitting in a classroom.

SS: Were you involved in other student organizations while in high school?

GC: I was a member of the Debate team and was the Director of Student Activities. The Director of Student Activities oversees all the activities of all student organizations so I had the chance to see first-hand what all clubs and groups were doing. There was always something different about TSA that attracted me to the organization. The way TSA combines the technical skills needed to succeed in the competitive events along with the skill necessary to cooperate with chapter members and work as a team is truly unique. It helps to prepare you for the multifaceted challenges of higher education and professional life.

SS: What influence did TSA have on your college education and professional career?

GC: As a national officer, I was traveling across the country by myself at age 16. As well as the formal knowledge I gained from competing in events, TSA taught me how to carry myself and what it means to represent an organization professionally. TSA offered me the chance to see the diversity of college and career paths one can choose. There were numerous beneficial experiences and opportunities completely separate from technology education. Invaluable lessons can be learned through TSA, particularly if you hold a chapter, state or national office.

SS: You received your degree from the University of Florida in Political Science. Did you always know you wanted to be in politics?

GC: I've always wanted to be involved in politics or public service in some way. After graduating from college, I taught history and speech and debate at a high school in Miami. Following that, I developed the High School Tutor/Mentor program for Boston Partners in Education. While living in Boston, I began volunteering for the Democratic Party election campaign.

SS: Tell us about your career involvement in politics.

GC: I've worked for many democratic candidates as a State Field Director of Campaigns in several New England states and Missouri. I am presently Director of Campaigns for the Democratic Party in Arkansas. I like working in Arkansas where a Democrat has a chance to beat an incumbent Republican. My job entails coordinating all of the field marketing efforts, except for television advertising. I also travel to oversee the campaigns of battleground races (election races that are very tight). I see myself continuing on the track of campaign supervision and/or general political consulting.

SS: What challenges do you see facing students and specifically TSA students/?

GC: Distractions. Students can be tempted to lose focus on short term and long-term goals. They also need to be challenged creatively. TSA provides both and long term and short term focus for students through competitive events, leadership opportunities and community service. TSA can harness the energy students have, and provide the types of challenges that are necessary for success in education as well as in life.

Chek out the event themes for 2002/2003 as well as
competitive event overviews for Middle School events and the
new High School events by visiting

www.tsaweb.org/competitive_events



2001/2002 Membership Milestones

300+ CHAPTERS

see page 7 for criteria for membership milestones

ALABAMA

Brewbaker Technical
Magnet HS

CONNECTICUT

Dodd MS
New Fairfield HS
Sedgwick MS
Windham MS

DELAWARE

Caesar Rodney HS

FLORIDA

American HS
Amos P. Godby HS
Bair MS
Bartow MS
Crystal Lake MS
Deland HS
East Bay HS
East Naples MS
Felix Varela Senior HS
G. Holmes Braddock SHS
Hialeah MS
Hialeah Senior HS
Indian Ridge MS
Lake Region HS
Lakewood Ranch HS
Miami Central HS
Miami Killian SHS
North Miami Beach SHS
Plant City HS
Seabreeze HS
Sleepy Hill MS
Tomlin MS
William T. McFatter
Vo-Tech Center

GEORGIA

Central Gwinnett HS
Collins Hill HS
Franklin County MS
Hahira MS
Lovejoy HS
Lowndes HS
Toombs County MS
Trentlen MS

ILLINOIS

Glenwood HS

IOWA

Johnston MS

MISSOURI

Parkway South HS
Troy Buchanan HS

NEW HAMPSHIRE

McKelvie MS
Pennichuck JHS

NEW JERSEY

High Point HS
Howell HS
Wall HS

NORTH CAROLINA

Eastern Wayne MS
Northwest MS

OKLAHOMA

Blackwell MS
Gilcrease MS
Mustang South MS

Purcell HS
Putnam City Cooper MS
Putnam City West HS
Wagoner MS
Woodward MS

PENNSYLVANIA

Canonsburg MS
Conestoga Valley HS
Conestoga Valley MS
Kutztown Area MS
Lebanon HS
Loyalsock Township
HS/L.C.C.C.
Milford MS
Milton MS
Penn Manor HS
Pequea Valley HS
State College Area HS
Strayer MS

SOUTH CAROLINA

St. Stephen MS

TENNESSEE

Bearden MS
Cedar Bluff MS
Chester County JHS
Fairview MS
Farragut HS
Farragut MS
Gatlinburg Pittman HS
Gibbs HS
Halls HS
Halls MS
Karns MS
North Parkway MS
Northwest MS
Page HS
Powell HS
Powell MS
Red Bank MS
Smyrna MS
Warren County MS
West MS
West Valley MS
Wooddale MS

TEXAS

Bryan HS
Carthage HS
Conroe HS
Del Valle HS
Gladys Porter HS
Klein HS
Memorial HS
Ronald Reagan HS
Roosevelt HS
Westbury HS

UTAH

Bingham HS
Brighton HS
Riverton HS
San Rafael JHS
South Cache 8-9
Center
West Jordan HS

VIRGINIA

Hickory MS
Hugo A. Owens MS
L. C. Bird HS
Maury HS

Norview HS
Stewart MS
Woodrow Wilson HS
WEST VIRGINIA
Tyler Consolidated HS

30+CHAPTERS

see page 7 for criteria for membership milestones

ALABAMA

Central Baldwin MS
Clay-Chalkville MS
Columbiana MS
Decatur HS
Oxford MS
Pell City HS
Thompson MS

COLORADO

Cedaredge MS
Littleton HS

CONNECTICUT

Trumbull HS

GEORGIA

Central MS
Fitzgerald HS
Lowndes MS
Metter HS
Mitchell-Baker HS
Monroe Comprehensive HS
Portal MS/HS

IOWA

Winterset Junior HS

KANSAS

Grinnell HS

KENTUCKY

Campbellsville HS
Caverna MS
Central Hardin HS
Clinton County HS
Conkwright MS
Estill County HS
John Hardin HS
Webster Co. Area
Technology Center

MISSISSIPPI

Claiborne County
Vocational Center
Leflore County HS
Louisville HS
New Site HS
Newton Co. Career &
Technical Center

MISSOURI

North Callaway HS

NEW JERSEY

Colts Neck HS
High Technology HS
Pennsville Memorial HS
West Morris Central HS

PENNSYLVANIA

Bermudian Springs HS
James Buchanan HS
Lewistown Area HS
Marticville MS
Southmoreland Senior HS

TENNESSEE

Northeast MS
Robertsville MS

TEXAS

Chapel Hill HS
Chapel Hill MS
Elmer Bondy Int. School
Flower Mound HS
Horn HS
Thornton MS
Venus MS

VIRGINIA

Douglas S. Freeman HS
Franklin County HS
Gayle MS
Heritage HS
Lebanon HS
Potomac HS
Short Pump MS
St. Clare Walker MS
Stafford HS

WEST VIRGINIA

Clay County HS
Magnolia HS

STAR RECOGNITION

see page 7 for criteria for membership milestones

Blue Star Chapters

KENTUCKY

Caverna Middle School

White Star Chapters

COLORADO

Littleton HS

CONNECTICUT

Hall Memorial School

KENTUCKY

Caverna MS
College View MS
Webster County Area
Technical Center

MISSISSIPPI

East Central HS
Senatobia HS
South Jones HS

MISSOURI

Park Hill South HS

PENNSYLVANIA

Cumberland Valley HS

TENNESSEE

Bearden MS

TEXAS

Cunningham MS

VIRGINIA

Woodrow Wilson HS

WASHINGTON

Ingraham HS

SUSTAINING CHAPTERS

see page 7 for criteria for membership milestones

There were 684 Sustaining Chapters this year! Visit the Membership page of www.tsaweb.org to view the list of chapters by state.

The TSA Awards and Recognition Programs

Spotlight Outstanding Members Each Year

The Awards and Recognition Programs are designed to recognize individuals, chapters and state delegations that are outstanding examples of success in TSA. For more information and award criteria, please refer to the current *The Official Competitive Events Guides, High School*, (page 227-259) and *Middle School* (page 199-231). The Guides contain complete descriptions, deadlines, rules and entry forms. Check the TSA website at www.tsaweb.org for lists of past recipients.

Achievement Program

The TSA Achievement Program is designed to motivate and recognize student members for high effort in a school's technology education program. The Achievement is composed of three levels of achievement: bronze, silver and gold.

TSA Technology Honor Society

The TSA Technology Honor Society recognizes students for their efforts in academic studies, in leadership, and in services to their school and community.

Chapter Excellence

The Chapter Excellence Award recognized chapters based on their scholastic and educational activities, as well as the chapters' success at local, state and national conferences. Fund raising projects and leadership activities are also considered.

Advisor of the Year

The TSA Advisor of the Year Award gives TSA chapter members the opportunity to recognize the work of their chapter advisor. Advisor activities in the classroom and at local, state, and national levels are reviewed.

Distinguished Service Award

The recipient of the Distinguished Service Award is selected on the basis of valued service to TSA. Both past and present contributions are considered (as verified by responsible parties). Current Board of Directors members are excluded from the nomination during their respective terms of office.

The National TSA Officer Appreciation Award

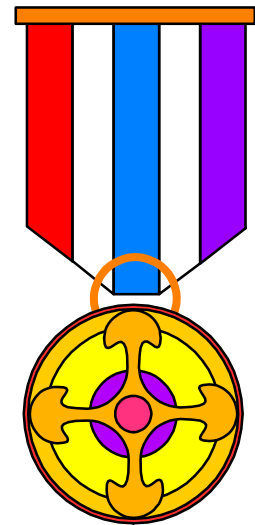
The recipient of this award will be a current National TSA Officer. The selection of the recipient will be based on commitment to the Technology Student Association and the officer's personal growth during his or her tenure. Neither the recipient, nor any of the current National TSA Officers, is eligible to receive the TSA Distinguished Student Award. The National TSA Advisor(s), Executive Director, and the TSA, Inc. President (Chairman of the board of directors) will annually choose the recipient.

Air Force Recruiting Salutes Award

The Air Force Recruiting Salutes Award is presented annually during the National TSA conference by the U.S. Air Force to an affiliated TSA chapter. Selection for this award is based on the overall value of civic obedience; the development of active civic leaders and citizens among the chapter members; and activities that perpetuate the American way of life. Each finalist receives a certificate award.

Honorary Life Award

The recipient of the Honorary Life Award has supported TSA in a significant way for a minimum of five years and is a person from whom TSA may reasonably expect continue to remain involved in its activities.



continued on page 7



**Happy Autumn to all TSA students,
advisors, parents and partners!**

State Superlative Awards

Presented annually at the national conference, the State Superlative Awards recognize individual chapters and states that boast the largest membership numbers. These awards are given based on the membership affiliations processed by National TSA as of May 1 each year. 2001/2002 Winners of the State Superlative Awards are:

Largest CAP Chapter,
Middle School.....**Wooddale MS, TN**

Largest CAP Chapter,
High School.....**Collins Hill HS, GA**

Largest Individual Chapter,
Middle School.....**Central MS, GA**

Largest Individual Chapter,
High School.....**Decatur HS, AL**

State with the largest
number of chapters,
Middle School.....**Texas**

State with the largest
number of chapters,
High School.....**Texas**

Largest State,
Middle School.....**Tennessee**

Largest State,
High School.....**Georgia**

Largest State,
Overall Members.....**Tennessee**

Largest State,
Elementary.....**Illinois**



awards and recognitions, continued from page 6

Distinguished Alumni Award

The recipients of this award are alumni of TSA who have demonstrated commitment and service to TSA beyond graduation.

Distinguished Student Award

The recipient is selected on the basis of valued service to the community and to the Technology Student Association. Both past and present contributions are considered (as verified by responsible parties.) In particular, leadership skills and/or technical skills must be evident. Current National TSA Officers are not eligible for this award.

Outstanding Recognition Award

The recipient of the Outstanding Recognition Award is selected on the basis of valued service contributing to the growth of TSA. Both past and present contributions are considered (as verified by responsible parties).

William P. Elrod Memorial Scholarship

This \$500 scholarship fund was established in memory of Mr. Bill Elrod, a founding father of TSA. The scholarship is awarded for outstanding service in the field of technology to a graduating TSA student who is college or vo/tech school bound and who is in good academic standing. The awards committee of the Board of Directors selects the winner of the scholarship by majority vote from among the field of applicants, and the recipient is announced at the National TSA conference each year.

MEMBERSHIP MILESTONES

TSA Star Recognition

When a chapter helps a new TSA chapter (elementary, middle or high school) to affiliate, chapter members receive Star lapel pins and recognition in School Scene, on the TSA website and in the National Conference Program. White Star Recognition forms are due to National TSA by mid-April each year. Pins are awarded based on the following criteria:

White Star Recognition: 1 to 4 new TSA chapters

Blue Star Recognition: 5 to 9 new TSA chapters

Red Star Recognition: 10 or more new TSA chapters

300 Plus and 30 Plus Membership Circles

Chapter Affiliation Program (CAP) chapters with three hundred or more members are part of our 300+ Circle. Individual Program chapters with thirty or more members are part of our 30+ Circle. Affiliations must be received by National TSA by May 1 each year. Membership Circle participants are recognized in School Scene, the TSA website and the TSA national conference program.

Sustaining Chapters

Chapters that affiliates continuously with TSA for five or more years are considered a Sustaining Chapter. Affiliations must be received by National TSA by May 1 each year. Sustaining chapters are recognized on the TSA website.



The mission of the Technology Student Association is to prepare our membership for the challenges of a dynamic world by promoting technological literacy, leadership, and problem solving, resulting in personal growth and opportunities.

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Rosanne T. White

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SS: This school year begins the 25th Anniversary for TSA. What changes and/or improvements have you noticed over the years?

GC: Probably the most noticeable change is the size of the organization. My first Conference was in Baton Rouge, Louisiana, where we were excited if 1,500 people came. Now conference attendance has more than doubled. Also, the growth and evolution of technology and technology education has impacted TSA. The competitive events become more complex and technical—reflecting the technological advances in the world. TSA has grown into the organization we were always meant to be. Probably the most striking thing about this 25th year is not how things have changed, but how they have stayed the same in a lot of respects. The key fundamental values and purposes have not changed. When you go to the national conference, you still feel the same excitement and energy regardless of the fact that the events have changed and more people are in attendance. The steadfast goals of the organization and the dedication of the advisors and students have kept TSA grounded and continuously successful.

SS: Working in the political arena can be stressful. What are some of your hobbies?

GC: During election cycles, I tend to work 7 days a week, averaging about 12 hours a day. When I am able, I love to travel and to spend time doing cultural activities like visiting museums. I also enjoy kayaking, biking and reading.

**Make sure
they stand out.**



Many kids use their technology skills to benefit their school and community. The National Technology Achievement Award recognizes them for their contributions. Award pins are available in elementary, middle, and high school levels. Order them for all of your deserving students!



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