



School Scene

Spring 2007

Technology Student Association

INSIDE THIS ISSUE

- F1 in Schools World Championships 2
- 29th National TSA Conference..... 2
- Development of Strategic Plan..... 3
- 2006–07 National TSA Officer Columns
President 4
Vice President 5
Secretary 5
Sergeant-at-Arms 4
Treasurer 6
Reporter..... 6
- TSA Experience Extends Beyond the Classroom..... 5
- Win Thousands in Technology with Hope for Education 6
- Strengthening STEM Education 7
- Keep Kids Alive Drive 25 7
- News of Note 7
- TSA Staff Info 8
- Germany TSA Prepares for Big Finish of School Year 8

The Future of TSA

By Rosanne T. White,
TSA Executive Director

Last fall, the TSA, Inc., Board of Directors began the process of developing a new strategic plan for the Technology Student Association. Wikipedia defines strategic planning as “an organization’s process of defining its strategy, or direction, and making decisions on allocating its resources to pursue this strategy, including its capital and people.” Four major goals and 16 objectives were identified over the past several months to be included in TSA’s new plan.

The strategic plan has now been approved and is already being implemented with completion scheduled for 2010.

As a result of the development of the strategic plan, a revised mission statement and motto are being proposed for action at the upcoming national TSA conference in Nashville, Tenn., this coming June.

Proposed Mission Statement

(To be presented to the TSA, Inc., corporate members for action in June 2007)

The Technology Student Association fosters personal growth, leadership, and opportunities in technology, innovation, design, and engineering. Members apply and integrate science, technology, engineering, and mathematics concepts through cocurricular activities, competitive events, and related programs.

Proposed Motto

(To be presented to the TSA voting delegates for action in June 2007)

Learning, living, and leading in a technological world.

Strategic Plan

Approved by the TSA, Inc. Board of Directors on March 15, 2007

Goal 1: Ensure competitions focus on STEM principles and education standards.

1.1 Review and align all competitive events to the standards of science (NSTA), technology (ITEA), engineering (ASEE), and mathematics (NCTM).

1.2 Identify leadership components unique to TSA competitive events and include in the competitive events guides.

1.3 Provide related professional development opportunities to TSA members (students and teachers).

1.4 Obtain data from TSA members on academic achievement, course interests, and contest preferences for structuring competitions.

Goal 2 Create and build relationships.

2.1 Increase exposure of TSA through mutually beneficial relationships with similar associations and professional organizations, such as: ACTE, CTSOs, FIRST (Robotics and LEGO League), ITEA, JETS, NCTM,

continued on page 3

Officers Network at ITEA Conference

This March, your National TSA Officers gathered in San Antonio, Texas as part of the International Technology Education Association Conference (ITEA). “This was a valuable time for the national officers, as it allowed us to work towards many goals,” says TSA President Trent Kissee. “We set up the TSA exhibit booth in the conference exhibit hall and greeted both teachers and industry representatives providing them with information on TSA. Numerous connections



were made.”

The officers also used this time in San Antonio to prepare for the National TSA conference in June. When not at the exhibit booth, the officers toured San

Antonio sites, including the Alamo, and gave a presentation to advisors and other attendees on how to do well in TSA competitive events. The title of the presentation came from a famous Yogi Berra quote: If you don’t know where you’re going, you’re probably going to end up someplace else. The presentation was well received.

Way to go National TSA Officers!

29th National TSA Conference in Nashville...Music City USA!



By Donna Andrews, Conference Manager

TSA members are counting down the days until the beginning of the National Conference, scheduled for June 24–28. The conference will be held in Nashville, Tennessee at the beautiful Gaylord Opryland Resort and Convention Center. Its ideal location provides TSA conference attendees a myriad of choices of sights to see, music to hear, food to eat, places to shop, entertain-

ment to enjoy . . . and the list goes on and on.

There is never a dull moment to be had in Nashville. When conference participants are ready to go out on the town, after non-stop days of competitions, general sessions, and state delegation meetings—to mention only a few of the many conference activities that will keep everyone busy—there will be plenty of local area offerings to satisfy the most discerning visitor to Nashville.

There are many good reasons TSA is returning to Nashville for its national conference for the second time in the span of four years. And, just one of those rea-

sons is the unmatched southern hospitality of this very beautiful and inviting city. So, for TSA members this June, Nashville is the place to be.

Of course, Nashville is known as a mecca of music. Yet, it is so much more. Nashville is one of the leading cities that takes education very seriously and boasts several well renowned universities, such as Vanderbilt, whose engineering school is among the leading robotics research institutions nationwide.

Among the numerous highlights of the 2007 National TSA Conference are special discounted ticket rates being offered to TSA members who'd like to attend a

special show at the Grand Ole Opry and for riverboat rides on the General Jackson Showboat located nearby.

The theme for the 2007 national conference is: "TSA, Breaking Down Boundaries." To access all conference-related information, as well as to register for the conference, be sure to visit the TSA website at www.tsaweb.org and while you're there, be sure to register online for the conference. It just takes a few moments to complete registration.

So, don't procrastinate. Get registered. Get inspired. And, get going . . . to Music City USA. That's Nashville, Tennessee!

2007 F1 in Schools World Championship in Australia

By Hillary Lee, Program Manager

Following their success at national level F1 in Schools competitions around the world, 18 teams* from 13 countries gathered together in mid-March in Melbourne, Australia to compete in the 2007 World Championship event. Having the opportunity to attend and participate in this event was an unforgettable and enormously beneficial experience for all involved.

The packed week started with the arrival of all the teams at a designated hotel in Melbourne on Sunday, March 11th—just in time for a welcome meeting, some international introductions, a quick meal, and then

bed (to put a little dent in some major jet lag!).

Students were up early on Monday morning for an all-teams outing to the Healsville Sanctu-

ary, where they got closer to Australia's unique wildlife—kangaroos, koalas, wombats, and Tassie Devils, to name a few—than they ever thought possible. The teams exchanged gifts over lunch and then went back to the hotel to prepare for the fast-approaching day one of the F1 in Schools World Championship.

Tuesday at Australia's popular Telstra Dome began with teams setting up their "pits," followed by a spirited and colorful F1 World Championship opening ceremony. Then the teams were off and running. The name of the game—including throughout the day on Wednesday—was portfolio judging, team interviews, and racing, racing, racing!

Thursday and Friday found the teams at Albert Park, the Formula One Grand Prix motor race circuit, where F1 in Schools had its own F1 Experience Marquee for team knock-out racing and, after the racing, interactive demonstrations for interested visitors. Friday culminated with an evening reception and the much anticipated awards ceremony.

Irish eyes were smiling for *Team FUGA* (Northern Ireland), the team that took first prize. Second and third place prizes went to two all-girl teams, *Team Lightning* (Scotland) and *Team Mercurial Aces* (Malaysia). There were a number of other prizes, including the first ever Collaborative Team Trophy, which was awarded to *Team Hybrid*, a joint initiative of East Cobb MS, GA (USA) and Lochgelly HS (Scotland).

Because the F1 in Schools World Championship was built around the dates for the FORMULA 1™ ING Australian Grand Prix, students had the opportunity to wrap up their week "down under" by attending—along with 100,000 loyal Formula 1 racing fans—the Australian Grand Prix qualifying events on Saturday and the race on Sunday. Perched just meters above the track in an official F1 box, students watched as 20 drivers in F1 cars zoomed around the track to complete the 58 laps of the approximately 191 mile race. The winner of the

continued on page 8



Team Hybrid



F1 in Schools World Championship competitors in March.

TSA's New Strategic Plan

continued from page 1

NOCTI, NSTA, PLTW, Triangle Coalition, and state departments of education. ASCA, ASCD, ASEE, NAESP, NASSP, SWE, WIC, and WIT.

2.2 Build elementary relationships through mentoring competitions in science, technology, engineering, and mathematics.

2.3 Obtain quantitative and qualitative data from TSA members and advisors on school dropout rates, college majors, and post-secondary and professional opportunities to build relationships.

Goal 3 Define and create leadership programs that are unique to TSA.

3.1 Produce and deliver a leadership skills attainment instrument through the TSA

Web site.

3.2 Promote understanding about TSA leadership programs and develop strategies to increase advisor and student advocacy.

3.3 Evaluate existing and potential leadership programs and implement necessary changes.

These include, but are not limited to:

- TSA competitive events
- Local chapter, regional, state, and national officer programs
- DuPont Leadership Academy
- Achievement Program
- Technology Honor Society
- National service project (such as with ACS)
- Awards and recognition programs
- Star Recognition Program
- Directions Leadership Conference
- Scholarship opportunities

• National TSA Week

3.4 Capitalize on TSA alumni to mentor, provide career opportunities, and serve as role models.

Goal 4 Market TSA's new image to maximize recognition.

4.1 Develop a marketing plan.

4.2 Generate virtual and printed marketing materials to complement advances with competitive events, leadership, and new relationships.

4.3 Create and distribute marketing tools for potential advisors and members and existing advisors and members.

4.4 Explore and utilize cutting edge marketing opportunities.

4.5 Research options related to a virtual competitive event and leadership program, and if viable, implement.

Development of Strategic Plan

September 2006: TSA, Inc. Board of Directors Meeting, Arlington, Va.

Jay Evans, Don Fischer, Paul Jacobs, Trent Kissee, Carlos Pacheco, Steve Price, Sharon Rookard, Kathleen Squibb, Ed Taylor, Jerianne Taylor and Rosanne White

December 2006: TSA Strategic Planning Summit, Reston, Va.

Steve Barbato, Elazer Barnette, James Coleman, Jr., Shannon Gilliland, Lynda Haitz, Sandy Honour, Laura Hummell, Hillary Lee, Len Litowitz, Mary Jo Patterson, Steve Price, Jerry Ridgeway, Sharon Rookard, Kathleen Squibb, Jerianne Taylor, Tonya Vandergriff Williams, Rosanne White, Pam Wilkins, and Alan Rains (facilitator)

February 2007: TSA Strategic Plan Task Force Meeting, Reston, Va.

Steve Barbato, Lynda Haitz, Sandy Honour, Laura Hummell, Mary Jo Patterson, Jerry Ridgeway, Sharon Rookard, Kathleen Squibb and Rosanne White

March 2007: TSA, Inc., Board of Directors Meeting, San Antonio, Tex.

Plan approved for immediate implementation by Don Fischer, Paul Jacobs, Trent Kissee, Steve Price, Sharon Rookard, Kathleen Squibb, Ed Taylor, Jerianne Taylor, Rosanne White, and Pam Wilkins.

Funding (by Year)

2007:	\$60,500
2008:	\$98,500
2009:	\$63,500
2010:	<u>\$63,500</u>
	\$286,000

Funding (by Goal)

Goal 1—Competitive Events	\$49,000
Goal 2—Relationships	\$39,000
Goal 3—Leadership	\$78,000
Goal 4—Marketing	<u>\$120,000</u>
	\$286,000

Rosanne T. White is executive director of TSA. Contact her at rwhite@tsaweb.org if you wish to share an opinion on the new strategic plan, proposed mission statement, or motto.

Acronyms

ACTE:	Association for Career and Technical Education
ACS:	American Cancer Society
ASCA:	American School Counselor Association
ASCD:	Association for Supervision and Curriculum Development
ASEE:	American Society for Engineering Education
CRC:	Competition Regulations Committee (TSA)
CTSO:	Career and Technical Student Organization
FIRST:	For Inspiration and Recognition of Science and Technology
JETS:	Junior Engineering Technical Society
ITEA:	International Technology Education Association
NAESP:	National Association of Elementary School Principals
NASSP:	National Association of Secondary School Principals
NCTM:	National Council of the Teachers of Mathematics
NOCTI:	National Occupational Competency Testing Institute
NSTA:	National Science Teachers Association
PLTW:	Project Lead the Way
STEM:	Science, Technology, Engineering and Mathematics
SWE:	Society of Women Engineers
TSA:	Technology Student Association
WIC:	Women in Construction
WIT:	Women in Technology

Opportunities Abound at Nationals



Trent Kisse
National TSA President

The national officers have been honored to serve this year and are looking forward to seeing you in Nashville

The National Officers, as well as the National TSA staff and the TSA, Inc., Board of Directors are looking forward to seeing you at the upcoming 29th National TSA Conference in Nashville, Tennessee. Our host team, Tennessee TSA, is prepared and enthused that we will be visiting their great city of Nashville.

The site of the conference, The Gaylord Opryland Hotel and Conference Center, is a beautiful facility well-suited for our conference. It offers spacious, open areas and conference rooms to support our many competitive events, special interest sessions, and general sessions. It also offers a wide variety of restaurants that are conveniently located throughout the facility.

As you know, at this confer-

ence, candidates running for national office will be available at their campaign booths during the Education Fair on Tuesday, June 26. Members should stop by the campaign booths and talk with the candidates so they can learn about their qualifications and vision for TSA. Encourage them to share their opinion with the voting members of your delegation so your delegates can continue to be informed voters.

I hope you will sign your members up for Monday evening's DuPont Leadership Academy—the students will learn many skills that they can put to use not only as members of your chapter but for those who serve in officer roles as well. State officer material will also be presented.

Another major undertaking at the conference that I hope your members will participate in is the American Cancer Society and TSA's Relay for Life Rally on Wednesday night. The plans are for this event to take place beginning at 8:00 p.m. outside under the stars. I know it will be an incredibly inspiring evening for all of TSA.

Finally, I want to thank you for all of your support of national TSA. The national officers and I have been honored to serve this year and are very much looking forward to seeing you and your members in Nashville. We wish success to your students in their competitions and the many other conference activities they'll take part in, and hope you have a safe and relaxing summer.

TSA Goes International



John Semmens
National TSA
Sergeant-at-Arms

See related story about the German TSA chapters on page 8.

The majority of TSA members have always been located in the United States. However, over the past few years we have taken our first tentative steps toward becoming an international organization. Some of our most active overseas affiliates are chapters located in Germany. We also have one chapter in Peru with 12 members, and contacts in Australia and other countries.

The story of the German chapters is really quite remarkable. In 1999, Reinhard Hoell, an exchange student from Leipzig, Germany, went to Texas where he was introduced to TSA. Reinhard did so well at the National Conference later that year and enjoyed the program so much that he became determined to organize a TSA chapter back in Germany. With the help of three friends and a local teacher, Reinhard helped to form the first German TSA chapter in

2000. This group later competed for the first time at the 2001 National TSA Conference in Richmond, VA.

Today, Germany TSA has grown from one chapter to three chapters of 40 members. One of these chapters—TSA Ostwald—is located in Leipzig, while another was formed just last year.

These students are highly dedicated to their program and must seek sponsorship to raise enough funds for travel to the National Conference each year. Many also take English lessons outside of school so as to be able to understand and communicate within our organization. And that's not to mention the outstanding work they do on their competitions each year!

Another factor that has greatly increased TSA's renown worldwide is our participation and partnership with the F1 Chal-

lenge. Originating in the United Kingdom, this competition was first seen in the United States at the 2003 National Conference in Orlando, FL. Today, more than 20 different nations, including the United States, send students to compete in the international portion of this event.

TSA's international connections will become increasingly important in the global society in which we find ourselves today. If you would like more information on the Ostwald TSA chapter, you can visit their website at www.tsaweb.info/. I had the great honor to meet their members in Leipzig last year and know them to be extraordinary people. I encourage each of you to learn more about our international partners by speaking with them at Nationals or visiting their website.

DuPont Leadership Academy at Nationals

National TSA is proud to offer the DuPont Leadership Academy for the third year in a row.

Separate academies for middle school members and high school members will be held concurrently from 7:00 pm to 10:30 pm on Monday, June 25 during the National Conference. The two academies are scheduled on the same evening so as not to conflict with state delegation meetings or competitive events.

Taught by highly regarded professional team developers

from FOCUS Training, Inc, these sessions will feature the latest in leadership training, teamwork building, and intrapersonal skills. All TSA members are eligible and encouraged to participate!

This special program is offered at an affordable pre-conference cost of \$30 per student (in addition to the National Conference registration fee). This fee includes professional training, a T-shirt, lapel pin, conference ribbon, and leadership materials. You can register for the

academies online when you register for the National TSA Conference, but enrollment in the academies is on a first come, first serve basis.

Students will leave their respective academies with a wealth of knowledge, an increased sense of team work, and many new friends! The DuPont Leadership Academy is an outstanding, exciting, and educational experience you won't want your chapter members to miss!



*Claire Hanchey
National TSA Vice President*

Rally for Relay for Life

Hi everyone! Are you going be ready for the awesome activities we have planned for nationals this year!

Each year, we have an activity to honor our service partner, the American Cancer Society. Does anyone remember the last time we were in Nashville? Well for those that don't, we had a mock Relay for Life in the parking lot of our hotel. We walked in remembrance of all those who are fighting cancer or who have died from cancer. This was a wonderful and uplifting experience.

This year, we are planning to hold a TSA Relay Rally in the parking lot of the Gaylord Op-

ryland Hotel. The Rally will give everyone the chance to experience what a Relay for Life is like. We'll also have entertainment during the evening.

During registration at the conference there will be a table with information on the American Cancer Society and an opportunity to fill out luminaria bags for loved ones. There will be no cost to dedicate a luminaria to someone. The luminaria bags will be lined around our Relay track on Wednesday night. These bags serve as a major part of the Relay.

Once the sun goes down, the glow sticks in the luminaria bags

will be activated and we'll see one of the prettiest sights ever. If you have never had the chance to experience a Relay, this is definitely a time to try it out. The Relay will be held on Wednesday, June 27 at 8:00 p.m. I encourage everyone who attends Nationals to make attendance at this event a top priority!

I hope everyone is still doing well with their ACS fundraisers. It's never too late to get started, so if you haven't already, you've got a lot of catching up to do. Good luck, see you soon—and don't forget to bring your walking shoes for the Relay!



*Krystin Lovejoy
National TSA Secretary*

TSA Experience Extends Beyond the Classroom

By Cassidy Nolen

After a top-10 national placing, the West Springfield HS students are taking their regenerative door lock project "Green Volt" all the way through the patent process. The Northern Virginia teams' device aired on the local CBS evening news in Washington, DC, and the team was contacted by a patent preparation group from Silver Spring Innovation Center in Maryland.

The patent packet will now be submitted to a patent attorney before being filed with an application. Students have also contacted Hilton and Hyatt hotels about possible licensure arrangements for use in their hotels.

Scott Juhl, Adam Brundeman, and John Todd are excited to see this taken to the next level and have spent almost as much time on this next step as they did the invention. With a most generous

donation from local engineering company EK Fox, they were able to compete at nationals and now move forward to marketing the idea. The device, once installed, eliminates the need for batteries in all card reading door lock assemblies. The students have developed this idea to a fully working prototype as displayed in Dallas at the national event.

The 2005-06 school year marked the first year of a TSA chapter at West Springfield and

what a year it was! In its first year, the team produced three top placing teams that competed at the national level. Students integrated coursework from drafting, electronics, and CNC machining to complete the projects. Students working on their first place state projects were even recognized by Governor Tim Kaine (VA) for their efforts. Best of luck to the team in their future endeavors and hopeful patent approval!

Opportunities for Leadership at Nationals



Tristan Hudson
National TSA Treasurer

Nationals, Nationals, Nationals, that's what I am really looking forward to. The 29th annual National TSA Conference in wonderful Nashville, Tenn., is about to take place. Nationals is a great time to make friends, have fun, and hopefully win a few trophies. (I am kind of partial to collecting those!) Nationals is also a great time to step outside your comfort zone and make yourself a better person. One way to do this is to make yourself a better leader.

"How will I become a leader?" you may ask yourself. Well, Nationals offers many opportunities to find out exactly how to

become a better leader.

- The DuPont Leadership Academy will return this year to once again wow us with their amazing insights on an effective leader.

- Also featured this year is an amazing opportunity to hear some of the state officer teams' opinions on effective leadership. This year is the first year of implementing a program that will hopefully run for a long time. Three state officer teams will be selected this year to put on an hour-long workshop on topics concerning leadership. So come listen to what they have to say, because they have already risen to a leadership position on the

state level and hopefully know something about leading.

Of all the things you can do though, what you do to serve others is by far the most important. Attending all these workshops will not make you a good leader if you do not apply what you have learned. It all comes down to what you do in your free time at the conference. I encourage you to learn as much as you can and to meet other TSA members. The friends you make at Nationals can make a phenomenal impact on your life. Only you can decide to make an effective leader of yourself.

Running for National Office



Robert Kosarowich
National TSA Reporter

In only a few months, thousands of TSA members will meet in Nashville, Tenn., to make a decision that will affect the future of TSA by electing officers for the 2007–08 school year. While the decision the members make is important, the decision a member makes to run for office is more important. Thus, some notes for interested students.

Though running for office can be daunting, the experience makes it more than worth the effort. You start by sending an e-mail to Mary Jo Patterson (mjpatterson@tsaweb.org),

asking for an application packet. You should then receive your packet in the mail and can start filling it out. The packet involves answering questions about yourself, including the office you are running for. Without this packet you cannot run.

Once your packet is submitted, you can start planning your campaign. In addition to any handouts you want to pass out, you'll want to have your speech prepared and a display booth that outlines your campaign. A well-rehearsed speech is the best thing you can have, though,

so make sure you practice it in front of your friends, family, and pets.

If you are even considering running for office, you want to make sure that you get the packet as soon as possible. The postmarked deadline to the national office is May 11. It can keep the option open, and by talking with your state advisor or parents about your concerns with running, you may find the encouragement you need. Even if you don't win, you'll meet a lot of people, and have a great time.

Win Thousands in Technology with Hope for Education

Samsung's Hope For Education, a distinctive, educational philanthropic program designed to better educate U.S. elementary, middle, and high school students via new digital technologies and software, through a partnership with Microsoft, will provide more than \$2 million in technology and software to K–12 schools in the U.S. that enter an essay

competition describing how technology can help improve students' education.

Students, parents, teachers, and administrators can enter the online essay contest, which ends July 22, by going to www.hopeforeducation.com and submitting a 100-word essay that answers the question, "What is the single most significant benefit that technology can

provide in the classroom?"

Schools that submit essays are entered for the opportunity to win either the grand prize of \$200,000 in Samsung technology and Microsoft software, or one of 30 first prizes of \$60,000 in Samsung technology and Microsoft software. Each individual winning essay writer will also win a Samsung Ultra Mobile PC with Windows Vista.

No purchase is necessary to enter or win in the Samsung Hope for Education 2007 Contest, which is open to legal residents of the United States. The contest begins April 11 and ends July 22, 2007. 4/11/07 and is void where prohibited. Visit www.hopeforeducation.com for official rules and additional information.

Strengthening STEM Education

By Lynda Haitz, Project Manager

At the ITEA Conference in San Antonio, TX, March 15, TSA conducted a special interest session providing an overview of the recently posted *Standards-Based Robotics Competition Curriculum Development Framework*. TSA Executive Director, Rosanne White, TSA Project Manager, Lynda Haitz, and Steve Barbato, supervisor of curriculum, instruction, and assessment for science and technology education for Lower Merion (PA) School District, conducted the presentation detailing TSA's recent grant awarded by the National Science Foundation (NSF).

Through an NSF grant, TSA hosted a 2006 Robotics Education Symposium at Georgetown University in Washington, D.C., titled "Strengthening STEM Education Through the Use of Standards-Based Assessments for Robotics Competitions." Among the goals of the symposium was the intent to develop criteria and scales for an assessment rubric for standards-based robot-

ics competitions, as well as an instructional explanation report for teachers. To achieve this, qualified framers (teacher educators, STEM educators, robotics and competition experts, and assessment professionals) worked at the symposium to develop the components for an assessment rubric for use with standards-based robotics competitions. The resulting "crosswalks" or grids identified content areas affecting math, science, technology, and career skill education. The crosswalks provided the framework for a rubric based on the current published standards for technology, science, mathematics, and career and professional development.

High school STEM teachers, teacher educators, curriculum experts, and NOCTI (National Occupational Competency Testing Institute) have adapted the crosswalk documents to create the *Standards-Based Robotics Competition Curriculum Development Framework*. The Framework is now accessible at www.tsarobotics.org.

Keep Kids Alive Drive 25

The first *Keep Kids Alive Drive 25@ Day* is scheduled for May 1st (May Day) in communities throughout the U.S. *Keep Kids Alive Drive 25@ Day* is a call for help and a call to action to create safer neighborhood streets for drivers (and their passengers), pedestrians, cyclists, and children at play.

The campaign goal is to unite neighborhoods and communities throughout the United States with a consistent message about safe driving. **Keep Kids Alive Drive 25** reminds each of us to check our speed and slow down as needed. Since we as drivers cause the problem of speeding

in residential neighborhoods, and beyond, we must be actively engaged and committed to being the solution as well. **Keep Kids Alive Drive 25** is a friendly reminder to slow down in a fast-paced world, as well as an invitation to take personal responsibility for our driving behavior.

Find out how your community can get behind the effort by visiting www.keepkidsalivedrive25.org/day/ for information. The site includes a number of useful materials to download free, including a *Keep Kids Alive Drive 25 Day Proclamation*, a sample letter to elected officials, an informational flier, and more.



Keep Kids Alive Drive 25@ is a trademark of *Keep Kids Alive Drive 25*, a Non-Profit 501(c)(3) Organization, P.O. Box 45563 Omaha, Nebraska, 68145 used with permission. No other entities may use this mark without prior permission. For information, please call 402-334-1391.

News of Note

Air Force Recruiting Salutes Award Update

After many years of involvement with career and technical student organizations, the Air Force Recruiting Services (AFRS) is restructuring its program and has had to terminate its sponsorship of the Air Force Recruiting Salutes Award. As a result, there will be no award presented at the upcoming 2007 National TSA Conference or any future conferences. TSA has appreciated the support it has received from the Air Force Recruiting Services,

Competition Notice

Please note the following updates related to competitions at the 2007 national TSA conference in Nashville:

- 1 An edited version of HS Architectural Model (as found in the 2007 & 2008 HS Competitive Events guide, pp. 24–29) is available by clicking on [this link](#). The rating form in particular should serve as a more detailed guideline for students competing in HS Architectural Model on the national level. Chapter advisors may print the revised pages for their students.
- 2 It has come to the attention of the national TSA office that it is proving difficult to find and purchase accelerator in a 1-ounce container, as required for MS Structural Challenge and HS Structural Engineering. Therefore, it has been ruled that 2-ounce containers of accelerator are perfectly acceptable.

Grant Opportunity from National Organizations for Youth Safety

Would you like to receive a \$1,000 award for your efforts to reduce teen driving crashes in your community?

National Organizations for Youth Safety (NOYS) has designated May as National Youth Traffic Safety Month because it is an important time for teens to be focused on driving safety. To support National Youth Traffic Safety Month and as an incentive, Allstate is awarding \$1,000 to 50 local youth organizations for their youth developed and implemented projects that demonstrate a strong focus geared towards youth traffic safety.

With prom, graduation, and summer trips just ahead, youth-led teams can work together with Allstate and National Organizations for Youth Safety to decrease the number of traffic-related deaths and injuries that involve young drivers and passengers.

To apply for an Allstate National Youth Traffic Safety Month award:

1. Visit www.NOYS.org to review a list of project ideas—or draft up your own!
2. Once you've decided on your project, be sure to register it at www.NOYS.org by May 31, 2007.



3. You will receive a follow-up email confirming your project registration. You must respond to the follow-up email by June 1, 2007 to be officially entered.

Fifty winners will be announced on June 29, 2007. View full rules and program details at www.NOYS.org.



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

School Scene (ISSN 1066-341X) is published three times a year by the Technology Student Association, 1914 Association Drive, Reston, VA 20191-1540. Telephone: 703-860-9000; Fax: 703-758-4852. Web site: www.tsaweb.org

Copyright © 2007 TSA.

Editor: Lyn Fiscus

Graphic Design: Leadership Logistics

National Staff

Donna Andrews, Conference Manager

Shannon Gilliland, Partnership Manager

Leanne Guido, Systems Manager

Lynda Haitz, Project Manager

Sandy Honour, Membership Manager

Hillary Lee, Program Manager

Mary Jo Patterson, Leadership Services Manager

Rosanne T. White, Executive Director

Virginia Williams, Business Manager

National Officers

Trenton Kissee (OK), President

Claire Hanchey (TN), Vice President

Krystin Lovejoy (OK), Secretary

Tristan Hudson (OK), Treasurer

Robert Kosarowich (PA), Reporter

John Semmens (WV), Sergeant-at-Arms

Board of Directors

Sharon Rookard, President

Kathleen C. Squibb, President Elect

Steve Price, Past President

Ed Taylor, Secretary/Treasurer

Jay Evans, Corporate Member

Don Fischer, Corporate Member

Carlos Pacheco, Corporate Member

Paul Jacobs, Middle School Representative

Pamela Wilkins, High School Representative

Jerianne Taylor, University Representative

Trent Kissee, National TSA President

Rosanne T. White, Executive Director

F1 in Schools World Championships

continued from page 2

race was Kimi Raikkonen (Finland), the driver of the Ferrari team car, who drove the circuit in just over 1 hour and 25 minutes.

And then the week was over—but what a week! New friends from countries all over the world. New experiences. Even a new continent. As one Scottish middle school F1 in Schools competitor phrased it, “This was a week of ‘firsts’”

F1 in Schools World Championship Teams

The Stingers, Trinity Grammar School-Kew, AUSTRALIA

DASHA the Eagle, Laverton Secondary College, AUSTRALIA

Race-A-Roos, Wesley College, AUSTRALIA

C2, Woburn C.I., CANADA

Friesen-Design, Bildung fur Technikund Natur, GERMANY

ESF Scorpions, English Schools Foundation, HONK KONG

Team Falcon, American School of Kuwait, KUWAIT

Mercurial Ace, Sekolah Menengah Kebangsaan, MALAYSIA

FUGA, Coleraine Academical Institution, NORTHERN

IRELAND

Team Lightning, Blairgowrie HS, SCOTLAND

Tanza Knights, Stellenbosch HS, SOUTH AFRICA

Team Fire, Northcliff HS, SOUTH AFRICA

Xtreme Velocity, Henderson Secondary School, SINGAPORE

Bradfield Panthers, Bradfield School, UNITED KINGDOM

Team Inferno, Breckinridge MS (VA), USA

Team Hybrid, East Cobb MS (GA), USA and Lochgelly HS,

SCOTLAND

Team Turbo, Bloomsburg Area HS (PA), USA

Team Blaze, Ynysawdre Comprehensive School, WALES

The F1 in Schools competition is a unique student challenge in which middle school and high school students use CAD/CAM software to design, build, and test a model CO₂-powered balsa wood F1 car of the future. The challenge is in its third year of World Championship competition. The focus of the event is the time trials, with the teams racing their own car on a specially designed 20-meter track to test the speed of each F1 model. Powered by CO₂, the cars are fired down the track at a scale speed equivalent to over 220 mph. With the world record standing at just over one second, it's fast and furious action on the racetrack for these engineering protégés.

The 2007 F1 in Schools World Championship event was made possible with the support of City University, London; the Victoria Government; Victoria University; Webex; IET; Denford; REA; and Telstra.

Germany TSA Prepares for Big Finish of School Year

By Stefan Doege

Hello America TSA! This is a message from across the Atlantic. This summer, Germany TSA will participate in the TSA National Conference for the seventh time since we were formed in 2000. For us it is a great honor to be invited to attend and present our projects in front of the auditorium of more than 4,000 of the most excellent American TSA students.

One difficulty we face each year is the money we have to come up with to pay for plane tickets and hotel rooms. In Germany, fundraising activities, such as pop can drives and ticket sales, are not common. Therefore, we have to struggle to find new sponsors for our trip every year. Fortunately, we have, until now, always managed to come up with the money to pay for our travel expenses.

Last year's National Conference in Dallas, Texas, was a kind of second premiere of Germany TSA. For the first time, two German chapters took part in the competition. This year, the smaller chapter from Gmuend will accompany the Ostwald chapter again and present their research. Germany TSA is working on expanding TSA throughout Germany, but the obstacles we face are tremendous. In the United States, TSA is a registered nonprofit organization comprising professional staff and potential sponsors. In Germany, there are a total of three part-time TSA advisers and a few money donors. It will be a long way to go until Germany TSA could possibly be subdivided into two or three regions. Right now it is not feasible to hold German state competitions, on the grounds of a lack of financial resources.

In spite of monetary problems, the projects are running well. We are proud to have a renowned co-operation partner, the Fraunhofer Institute. It was they who came up with the idea of the mp3 music-file format, which is now widely spread. All of our students have taken on quite some challenges with their projects and we are all excited to see how they will turn out in June. Auf Wiedersehen in Nashville!

Stefan Doege is president of TSA Germany. Find out more at www.tsaweb.info.