Virginia TSA

“Learning to Live in a Technical World”

The Virginia Technology Student Association fosters personal growth, leadership, and opportunities in technology, innovation, design and engineering to its members. TSA is comprised of over 9,000 members statewide, many of which participate in competitive events. TSA includes educators, students, and business leaders located around the world, who are committed to making a technological literate society. TSA started in 1978 as the American Industrial Arts Student Association (AIASA). Then in 1988, AIASA changed its name to TSA to show their commitment to the new and upcoming technological society.

Technology Education students are encouraged to join TSA, in which they can compete at the regional, state, and national level. There is a wide variety of competitions that deal with all disciplines of technology. The competitive aspect of TSA allows the students to develop leadership skills along with other skills like responsibility. Virginia TSA is run by the Executive Council, which is a group of students who decided to exemplify their leadership skills by running for office. The Executive Council is solely elected by the association through the voting delegates that each chapter receives.

Virginia TSA is building the foundation for the leaders of tomorrow through technology. More information about Virginia TSA is available online at our website: http://www.vatsa.org/
The 30th Annual National Technology Student Association (TSA) Conference was held June 28 - July 2, 2008. Members nationwide, as well as two schools from Germany gathered in Orlando, Florida making the total attendance over 4,000. High school and middle school technology students prepared all school year to produce and compete in different competitive events with their peers. Attendees also had the option to participate in the DuPont Leadership Academy. This academy was designed to increase leadership skills through special sessions for middle and high school students, teachers, graduating seniors and chapter and state TSA officers. Other activities at the conference included Special Interest Sessions and the Annual TSA business meeting.

On Sunday, June 29th the first general session was held. A wonderful keynote presentation by, the Director for Technology of the United States Army for Acquisition, Logistics and Technology, Ms. Mary J. Miller was presented. All members were extremely attentive and listened closely to the exciting new technologies that the U.S. Army has started to invent. After the presentation, the officer candidates and special awards were announced. Clara Chan from Deep Run High School ran for the office of National Treasure and chapter advisor Jerry Ridgeway won the Honorary Life Member Award.

Following the general session, TSA members, advisors, and family members participated in the Relay for Life. TSA partnered with The American Cancer Society (ACS) for our National Service Project. TSA chapters and states were also recognized for their ACS fundraising efforts throughout the year.


The well anticipated awards ceremony finally came on July 2, 2008. Participants waited in excitement to see if all their hard work had paid off. The 2008-2009 National Officer team was also elected. The officers are: President- Eric Dixon, Vice President- Adam Knecht, Secretary- Raya Taylor, Treasurer- Rayleigh Lei, Reporter- Peter Andrews, and Sergeant at Arms- Obadia Galley.

The 2008 National Conference was proclaimed a success! Virginia TSA hopes to see you next year in Denver, Colorado for the 2009 Technology Student Association National Conference.
Greetings. My name is Clara Chan, and I am your 2008-2009 Virginia TSA State Secretary. This is my third year serving on the Executive Council, and I am excited about the upcoming year. I have served as your Virginia TSA State Treasurer for the past two years, and I have served as South Central Regional Vice President for two years as well as South Central Regional Treasurer for one year. I am a rising sophomore at Deep Run High School, and have been a very active member since joining TSA in the sixth grade. In addition to TSA, I have been a Presidential Fitness Award recipient for numerous years and have also been part of other organizations such as the FCCLA. I volunteer at the local library, and I enjoy traveling abroad to different places. In my spare time, I enjoy running with my friends, and I am a part of the LTA, and to create a promotional video. Besides my involvement in TSA, I participate in many other activities. Two clubs that I am a member of are the Association of Computer Machinery, in this club I work with computers. Ruriteen is a youth organization that volunteers in the community and helps support other Ruritan clubs. Also, I enjoy sports very much. For example, I play on a scenario and speedball paintball team. I am on my High School's swim team and enjoy outdoor activities like hiking, hiking, boating, and camping.

Meet Your 2008 - 2009 Executive Council

President: Alec Jentink

This is your newly elected State President, Alec Jentink, here to give you the 411 on who I am not only in TSA, but outside as well. I am a current junior (soon to be senior) at Nansemond River High School in Suffolk, VA. I have only been in TSA since the ninth grade, but it has been quite a journey. I was the ‘06-'07 Tidewater Regional President as well as your ‘07-'08 Virginia TSA State Vice-President. I, like most of you all, joined TSA hoping to get something out of it; whether it is knowledge, friends, or simply success. Virginia TSA has allowed me to achieve most of these things in different areas, and I encourage you all to spread the word about Virginia TSA in your regions.

Anyway, on the non-TSA side of my life, I work at Circuit City in Chesapeake as a Home Entertainment Sales Associate (and clubs that some of you are probably off, my officer team and I are working We will be holding our Annual Leadership out. This program is simply designed to we are all still learning! I also hope to be meeting, and we need you parliamentarians remember. With the assistance of my team activities we have seen yet. You all picked

Vice President: David Poole

Hello Virginia TSA, my name is David Poole and I am your 2008-2009 Vice President. First of all, I would like to thank all of you for electing me as your 2009 Vice President. My top priority this year is to do my best to make Virginia TSA the best organization as possible. In addition my goals for this year are to increase membership, double the amount of members at the LTA, and to create a promotional video. Besides my involvement in TSA I participate in many other activities. Two clubs that I am a member of are the Association of Computer Machinery, in this club I work with computers. Ruriteen is a youth organization that volunteers in the community and helps support other Ruritan clubs. Also, I enjoy sports very much. For example, I play on a scenario and speedball paintball team. I am on my High School's swim team and enjoy outdoor activities like hiking, hiking, boating, and camping.

Secretary: Clara Chan

Greetings. My name is Clara Chan, and I am your 2008-2009 Virginia TSA State Secretary. This is my third year serving on the Executive Council, and I am excited about the upcoming year. I have served as your Virginia TSA State Treasurer for the past two years, and I have served as South Central Regional Vice President for two years as well as South Central Regional Treasurer for one year. I am a rising sophomore at Deep Run High School, and have been a very active member since joining TSA in the sixth grade. In addition to TSA, I have been a Presidential Fitness been on several academic honor rolls since elementary school. In school, I have National Junior Beta Club, and I have served as the Chapter Vice President for am a part of the LTA, and to create a promotional video. Besides my involvement in TSA I participate in many other activities. Two clubs that I am a member of are the Association of Computer Machinery, in this club I work with computers. Ruriteen is a youth organization that volunteers in the community and helps support other Ruritan clubs. Also, I enjoy sports very much. For example, I play on a scenario and speedball paintball team. I am on my High School's swim team and enjoy outdoor activities like hiking, hiking, boating, and camping.
I would first like to thank all of those who voted me your 2008-2009 Virginia TSA Treasurer. Last year was a fantastic year for Virginia TSA as we broke new ground and pushed Virginia TSA further than it has ever gone before. I can’t wait to start this year with a great group of officers. This year I would like to expand on all new projects we started last year and try to break new ground in Virginia TSA.

Leadership Training Academy. As I mentioned during my Leadership Training Academy is the future of Virginia TSA, received an experience that will last a lifetime. In fact, one of your Blue Ridge Regional President. I feel that this conference Second is the expansion of media attention in Virginia TSA. TSA, the organization is rather unknown. Most of this is due to organization. Particularly if one compares it to FFA which has come to Virginia TSA as it grows older and more members until then, in order to expand media attention to Virginia TSA. television reports, and increased sponsorships. One goal I did not mention in my campaign is trying to make Virginia TSA greener. Much paper and plastic is wasted at Technosphere, and I feel that we can do better as an organization to conserve our natural resources. My hope is that we will have a recycling program in place at Technosphere and maybe have other chapters join in the recycling front. I look forward to serving as your Virginia TSA Treasurer, and I look forward to seeing some of you at Technosphere, next year.

Treasurer: Ted Meyer

My name is Leah Hammock and I am a rising sophomore at Deep Run High School in Glen Allen. I am than TSA, I am involved in many Outside of school I enjoy going to been involved in TSA, I have come producing four issues of the Virginia and the state officers. I will see that of our organizations activities and I

My name is Leah Hammock and I am a rising sophomore at Deep Run High School, and I am your 2008-2009 Virginia TSA Reporter. Other extracurricular activities at my school including lacrosse and Key Club. the mall, pool, and movies. Looking back over these years that I have to realize just how much I have learned. In the upcoming year I plan on Scene so all Virginia TSA members can stay connected with each other my school community and national association have a complete report promise to serve my office to the highest of my ability.

Reporter: Leah Hammock

My name is Tyler Clay and I am your 2008-2009 Virginia TSA Sergeant-At-Arms. I would like to thank I have been involved in TSA since 6th grade. I am an upcoming look forward to my 5th year in TSA! of TSA. I play baseball for Glen Allen and umpire baseball for watching the kids learn and grow around the game of baseball. I my friends and family. This year I would like to increase executive council and raise TSA knowledge in classrooms. I will number of members that run for an office, prepare for officers through out the year.

Sergeant at Arms: Tyler Clay

My name is Rachel Harden, I am a rising senior at Mountain View High School, and I am your State Historian for the 2008-2009 year. Not only am I involved in TSA but I’m also a very active band member. I hold active leadership roles in our schools Marching Band and have been in our top band class since I was a freshman. I take private flute lessons, work the sound board at my church, and play soccer outside of school. I am the Sunday school team leader in my church youth group so I help with the planning enjoy reading, writing, and photography. It was a scheduling issue that led of the classes I wanted so I ended up taking principles of technology and just so happened to be our chapter advisor Mr. Godwin. I’m very new to on leadership and it wasn’t something that I ever sought out, it found me. I didn’t know what it was. I would like more people to know what TSA is so have jumped right into TSA to soak it all up while I still have the chance. I technology, that we are privileged to have, know that there is a place for exciting and welcoming.

Historian: Rachel Harden
**Parliamentarian: Donald Garrett**

Greetings Virginia TSA. My name is Donald Garrett and I am your 2008-2009 Virginia TSA Parliamentarian. Membership, for granting me the term, I plan on accomplishing a lot on a in making TSA an even better. I am a rising junior at Deep Run High third term on the Executive Council and band, Japanese Club, Future Business Congress, NHS, and the National activities, I still hold TSA closest to my membership to the best of my ability. If email @1337donald.com. Thank you very much.

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**Blue Ridge Regional President: Cynthia Griffin**

Hello, my name is Cynthia Griffin. I am 17 years old, and can't wait till the day I turn 18! I am a rising senior at Northside High School, and I of 2008-2009! I have been a part of TSA for 2 years, and sadly this will about myself, I am a cashier for Lawn & Garden at Valley View Wal-tennis, football, badminton and running track. I'm a very organized others. I was also the President of our Key Club 2007-2008. Through my know what we were doing. My chapter really didn't know what TSA was build the theme for prom. Though my year 2007-2008 in TSA; I which automatically makes me the chapter President of 2008-2009. I Attending the Leadership Training Academy has made me an even already was. I believe that this year 2008-2009 as your Blue Ridge rock! Being part of the State Council already is an amazing opportunity. duty to promote the growth and development of the Virginia TSA in Blue Ridge Region bigger and it's best like it was a few years ago. I want to spread word to the other chapters about TSA and about being part of the Regional Committee and being part of the Executive State Council. The Blue Ridge Regional President position has been vacant for years now until today, and this position will never be vacant again.

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**Northern Regional President: Quentin Lawson**

My name is Quentin Lawson, and I’m a rising senior at Colonial Forge High School. I will be the TSA Northern Region President for the 2008-2009 year. As the Northern Region President, I plan on improving TSA enrollment throughout the of the Northern Region. More kids need to have opportunities brought to them, become TSA advisor’s, they can give more opportunities to the children. This in TSA, and I started off quite well. I placed 1st in 2 events in the region, and 1st I'm a very outgoing person, and I plan on having one on one talks with more of improve the conditions and strengthen this association. In joining TSA, it has leadership qualities, and helped me to become more responsible and reliable as a to improving the attendance of the Northern Region TSA, and making enjoyable.

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**South Central Regional President:**

I am Mack Rich, the 2008-2009 South-Central Regional President. I will be a Junior at the Center for Engineering at Highland Springs High School where I have participated in JV volleyball and JV and varsity soccer. I also am involved in a swim team. I like to hang out with my friends at my neighborhood pool and read in my free time. Besides my dedication to Virginia TSA I am on my high school's FIRST Robotics Team and representing my school at the 2009 THIMUN Model UN in the Netherlands. My goals for this year as the the South-Central Regional President include expanding the regional officer team and getting more people in my region involved in Virginia TSA and the Executive Council.
Valley Regional President: Grace Day

Hello Virginia TSA! My name is Grace Day and I am your 2008-2009 Valley Region President. I would like to let everyone know that I am completely thrilled and excited to be serving on this year’s Executive Council. I would also love to thank you all for giving me this chance to be a voice for the Valley Region. I only hope that I can help keep both the region and state running smoothly and keeping VA TSA a “powerhouse” at National TSA conferences and events. A few things you should probably know about me are: I am a rising freshman at Wilson Memorial High School and I became involved in TSA in 7th grade after I stumbled across the national website, searching for website building competitions. With the help of Mrs. Gross, I was able to gather a small group of interested members, and we had a grand total of 3 members. This year we have still have room for improvement. This brings me to what I regional executive team. In the upcoming year, I plan to Region. I am currently working with my local administration chapter at the high school I will soon attend. I hope to be education program as a pilot project and expand it in the technology sector of Virginia and with many tech companies moving in (CGI, Northrop Grumman, OnePartner), our technology education program is, in most schools, either lacking or non-existent. TSA has taught me and many of my fellow students so much, from the nuts-and-bolts to leadership skills, we would like to share it with many of the schools in our region. Join me and your executive team, in expanding TSA by reaching out to tech-less schools and counties and showing them all that TSA and a technical world have to offer.

Tidewater Regional President: Alex Powers

Hi my name is Alex Powers and I am the Tidewater Regional President. This year I will be a senior at Jamestown High School. I am a member of the track team and I like to play my X-box in my spare time. I also teach a Sunday school class at my church. Now lets go into what I would like to accomplish during my term as the Tidewater Regional President. I want to make the Fall Rally a fun and good time for all students who attend. I also want to hold the Spring Fair at Jamestown High School, which would be a first.

Southwestern Regional President: Jason Dreyzehner

My name is Jason Dreyzehner, I am a rising freshman, and I am your Southwestern Regional President for the 2008-2009 school year! Along with TSA, I swim competitively for both a private club team and my school. I also play soccer and run cross-country with my high school team. Aside from my athletics, I enjoy playing with computers in Actionscript 3.0, and Java. I became involved in TSA in 7th searching for website building competitions. With the help of Mrs. Gross, I was able to gather a small group of interested year, we had a grand total of 3 members. This year we have still have room for improvement. This brings me to what I regional executive team. In the upcoming year, I plan to Region. I am currently working with my local administration chapter at the high school I will soon attend. I hope to be education program as a pilot project and expand it in the technology sector of Virginia and with many tech companies moving in (CGI, Northrop Grumman, OnePartner), our technology education program is, in most schools, either lacking or non-existent. TSA has taught me and many of my fellow students so much, from the nuts-and-bolts to leadership skills, we would like to share it with many of the schools in our region. Join me and your executive team, in expanding TSA by reaching out to tech-less schools and counties and showing them all that TSA and a technical world have to offer.
Technosphere 2008 was an exciting weekend packed with thrilling events. From competitions and a student mixer to a new Executive Council, it has been proclaimed as a success. Technosphere 2008, held May 2-4, 2008, drew hundreds of participants from across the state. State officers took the opportunity to raise funds for their community service projects, the Leukemia and Lymphoma Society, and the Amani Children's Home in Tanzania. TSA water bottles filled with candy and old Virginia TSA apparel was sold to raise money for these wonderful charities. On Saturday, the annual business meeting went smoothly and four resolutions were adopted. The 2008-2009 officer team was also elected (please see accompanying officer bio's in this issue). Finally, Sunday morning came and Virginia TSA traveled to the Hampton Roads Convention Center for the long anticipated awards ceremony. Participants waited to see if their year's worth of hard work and dedication was award winning. Technosphere 2008 was a huge success and we hope to see you next year!

“Virginia TSA, how do you feel? We feel good, oh we feel so good (uh) straight to triple (uh, uh, uh) V-A-T-S-A (whoosh)". That's right, the First Annual Virginia TSA Statewide Leadership Training Academy, was held the weekend of October 19-20, 2007. Many students and advisors from different schools, as well as regions, presented themselves this weekend for this event. Though a first time event, I experienced many lessons from the activities the TSA group planned.

At first, it was tough for me to come out of my shell. I did not know anybody except for my school's (Northside High) TSA members. The Virginia TSA Executive Council of 2007-2008 brought confidence into everyone and influenced others to become a little more confident in themselves. They pulled us to interact with other members and advisors from other schools and regions through simple random activities.

In the beginning, to break the ice, the leaders made the group get in a circle and simply toss a tennis ball to random people and ask a question. Although there was a time limit on the question and answer period, if you didn't complete your task in the 5 second time limit, you had to go to the middle of the floor and act out something crazy in front of everyone. The objective of this activity was, "A leader should always be on their toes with an open mind to take action when needed". One of the other major aspects of leadership that we explored was staying positive. A positive attitude held throughout a task will better prepare you as leader. These aspects were brought to the attention of the members through activities ranging from a fashion show using newspaper as the clothing materials, a human knot, the creation of the 1st Annual TSA Leadership...
Training Academy banner, and a playing card tower that could hold a bowl of pennies. The purpose of these activities were to teach the TSA members to use their voice and mind, get the tasks completed by the deadline, and most of all, working together as a team.

When one is a leader, many others will follow because this one person has made an impact or has influenced someone’s life. A great example is at a school dance; until one person starts the dancing, the floor is empty and the music is left playing. This was one of the many example activities that we learned at the conference. This activity gave me more confidence. Why should I just stand around? I'm at that dance to have a great time. I felt the dancing activity brought to my attention the fact that I should not be embarrassed to dance on the floor by myself. I should be carefree about dancing, because the only outcome is attracting other people to join me.

Overall, the First Annual Virginia TSA Statewide Leadership Training Academy has influenced my life and my ability to become an even better leader than I was. These simple activities helped teach the lessons of leadership, introduced us to many different people, and caused each of them to better themselves as well as bring forth new information to the rest of the TSA members back at their schools. This event was a first time event for everyone; we all had an outstanding time together. I look forward to doing this again, and I'm most positive that everyone does as well.

TSA- Learning to live in a Technical World!!!

The 2008 Leadership Academy will be held October 24 – 25 at the Sheraton Premier at Tyson’s Corner
Go to www.vatsa.org to Download the Registration Packet

Virginia TSA is Going GREEN!

Our planet is one of our most precious resources, and we as civilians must do everything we can to protect it. At the Virginia TSA conferences and the executive council meetings an untold number of paper, plastic, and aluminum are wasted. This year Virginia TSA is going to do more to help reduce waste and preserve our planet. The executive council has established the “Go Green” Committee to help make Virginia TSA a more environmentally cautious organization.

The committee’s biggest goal for the upcoming year is to have recycle bins at Technosphere ‘09 and encourage reuse of paper and bottles. It is the executive council’s hope that all students and advisors will participate in recycling their plastic bottles and paper in order to help lower our carbon footprint. The committee also encourages any separate chapters to start or help recycling programs at their schools. The “Go Green” Committee will work hard this year to help Virginia TSA truly become a green organization.
Experience of Running for a National Office

Written By: Clara Chan

I joined TSA in 6th grade and held a regional office as a 7th grader. I really enjoyed being a regional officer in TSA and wanted to be more involved. Then, I soon realized that I could and decided to run for a state office. Soon after that, I wanted to be even more involved. Since I have been a TSA state officer for the past two years, I thought of running for a national office. Getting encouragement from different TSA people, I decided to run for a TSA national office in Orlando, Florida. Even though I did not get the office, I had a wonderful experience and enjoyed meeting new people. The experience was unforgettable and I have made many new friends along the way. I encourage you to run for a TSA office and hope you the best. Have fun and good luck!

Snaps from Nationals 2008 ~ Orlando, Florida
Across

1. Tiny picture on the screen.
4. Extra copy of a document or program.
5. Get a file from another computer, across a network.
7. Tiny unit of information storage consisting of an on/off signal.
9. Temporary storage on chips.
12. Communicate with someone on another computer by typing rather than talking.
13. Millions of computers around the world connected by a network of networks.
15. Tiny dot of light on the screen.
17. A kind of memory, it holds files and programs only while you're using them.
18. Where a column and row intersect on a spreadsheet.
19. 8 bits.
22. Part of the Internet that has linked pages of pictures, sounds, video and text. ("You can find it on the _____.")
23. Software program that you use to explore the Web.
25. The parts of a computer system that you can touch. ("The computer is made up of software and ____________.")
26. Portable diskette that holds 1.4MB of data.

Down

2. Also known as a processor, it's the chip that is the most important part of the computer.
3. "Takes a picture" of something and digitizes it.
8. The programs that run on a computer.
9. Device that connects a computer to a network via a telephone line.
10. Tiny piece of silicon with electronic circuits; the CPU is one.
11. Line or shape on the screen that shows where the next character will go.
16. Bundle of wires that connects computer parts.
20. A way of counting using the numbers 0 and 1.
21. Website address.
24. Portable disk that stores about 650MB of "read only" information. (Usually written with a hyphen in it.)
Hello Virginia TSA,

The Virginia Executive Council has voted to hold a Virginia State Pin Competition. The winning design will be made into a pin and sold at the Virginia State Technosphere 2009. The winning chapters will also receive a complimentary pin for each chapter member.

Criteria:
• Designs do not have to say Technosphere, but must include "2009" or "09".

Submitting:
• Designs must be submitted by e-mail to tsa@vatsa.org by February 10, 2009.
• Must be in .png format
• Remember that the design should be able to be made into a lapel pin. Make sure your pin design looks good when shrunk to actual size.
• Blank space (alpha value of 0) will not be part of the pin. If your pin is not four sided, you will need to define its physical borders by making all of the extra into blank space.
• The lapel pin will be no larger than the diameter of a quarter.

Again, this is not a Technosphere pin; it will only be sold at Technosphere.

Good luck to all,
Virginia TSA Executive Council

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Winners of TSA Manufacturing Prototype Challenge Announced!

The Colonial Forge High School Technology Student Association is featured on the Society of Manufacturing Engineers Website!!! www.SME.org Click on "About SME" at the top. Then "Education Foundation". We are listed under "Latest News". “Winners of TSA Manufacturing Prototype Challenge Announced”

Tim Technology is an action figure that depicts many occupations in which a child could choose to become involved. Tim Technology, or T2, comes with many accessories to take on his different occupations: the scientist, the engineer, the architect, the teacher, and the student.
CTE Students Showcase “Green” Projects on Capitol Hill

ALEXANDRIA, VA – The Association for Career and Technical Education (ACTE) in cooperation with the Congressional CTE Caucus will exhibit a variety of “green” projects by Career and Technical Student Organization (CTSO) students from across the country tomorrow, from 5:30 p.m. to 7:00 p.m. in Room B-338 Rayburn House Office Building. Media is welcome to attend the event.

With the nation’s energy demand increasing, fluctuating energy prices and a greater interest from the general public related to renewable energy options, the demand for skilled workers with knowledge of sustainability issues is reaching critical levels in a number of career pathways, from construction to business management. Career and technical education (CTE) provides an early introduction for students to learn career options, cutting edge training necessary to ensure future employment, and state-of-the-art “green” building techniques sustainable, cost-effective and valuable learning environments.

Students from DECA, Family, Career Leaders of America, Future Business America-Phi Beta Lambda, The organization, Skills USA and Association, will present a variety of from biodiesel fuel and hydrogen on businesses “greener” and “green” marketing projects ranging from biodiesel fuel and hydrogen on businesses “greener” and “green” marketing.

“This is a great opportunity for students to demonstrate what they are learning about “green” issues and how this education can be applied to sustainable and renewable energy careers,” said ACTE Executive Director Janet Bray said. “CTE is implementing new curriculum and integrating “green” into classes, academies and programs in order to assist business and industry in meeting their workforce demand.”

During the event, ACTE will distribute a draft of the upcoming issue brief called, “CTE’s Role in Energy and Environmental Sustainability.” It will discuss the increasing demand for energy sustainability and CTE’s role in helping prepare the workforce, and present examples of how schools have made their facilities more energy sustainable.

About ACTE

The Association for Career and Technical Education (CTE) is the nation’s largest not-for-profit education association dedicated to the advancement of education that prepares youth and adults for successful careers. It provides advocacy, public awareness and access to information, professional development and tools that enable members to be successful and effective leaders. Founded in 1926, ACTE has more than 29,000 members including teachers, counselors and administrators at the middle school, high school and postsecondary levels.