

Career, Technical and Agricultural Education State Newsletter



dturner@doe.k12.ga.us

*From the Desk
of David Turner*

Special points of interest:

- **Accountability and Improvement Update**
- **Development and Transition Update**
- **Guidance and Counseling Update**
- **Program Delivery Update**
- **Agricultural Education Update**

Greetings CTAE Family!

The beginning of a new school year is always a very exciting time in the life of all students, parents, administrators and teachers. The students arrive for the first day of school with an eagerness to learn. They wait in anticipation to see who their teachers will be and what classes they will be taking. Their parents are hoping that their child will have a safe and happy learning experience. The administrators are encouraging the students to be on their best behavior and to succeed in their course work. And the teachers... well, I do not have to tell you what the teachers are feeling or doing. There are many goals for the 2012-2013 year and a long list of responsibilities to juggle. The daily lesson plans for the academic year have been finalized. The classroom is set up. The class roll is ready for use. The CTSO plans for the year are nearing completion. And then... the bell rings on the first day of school as the race to succeed begins.

What a great time to be in the CTAE program! As a part of the statewide CTAE family, you are such an important part of the work we do together to provide incredible opportunities for our students. With the truly sincere support and guidance of State School Superintendent Dr. John Barge and his leadership team, we have the opportunity to do great things for our current and future students. CTAE is fortunate to have the rock solid support of Chief Academic Officer Dr. Mike Buck, a true champion for our programs. We are also excited to have an excellent working relationship with the academic division under the leadership of Pam Smith, a true friend of our CTAE programs.

Over the next few months, we will be finalizing plans for the implementation of the new Career Clusters and Pathways for the 2013-2014 school year. As we strive forward on this critical project, we are very thankful for the support and hard work provided to us by the Georgia Chamber of Commerce and the Carl Vinson Institute of Government.

In the near future, a new comprehensive K-12 career counseling program will be presented. The new program will focus on career awareness in elementary grades, career exploration in the middle school grades, and career development in our high schools. We believe this new effort will be a great asset for our students as they grow and mature.

We are very fortunate to have our CTAE state staff at the Georgia Department of Education. Very few states have the resources that are available to you. We are ready and willing to assist you at any time, so please feel free to call on our staff for assistance and support.

Thank you so much for all that you do for CTAE! Best wishes for a great 2012-2013 school year! If I may ever be of assistance to you, please do not hesitate to contact me.

David



From the Desk of – Accountability and Improvement

Accountability and Improvement Update

Fall CTAE Administrator’s Drive-In Meeting

The Fall CTAE Administrator’s Drive In meeting will be held on Thursday, September 20, 2012, at the Clarence Brown Conference Center in Cartersville, GA. Check in will begin at 8:30 a.m. with the meeting beginning at 9:00 a.m. You may register for the conference on the CTAE Resource Network (www.ctaern.org) workshop CTAERN #3540. Below are some suggested locations for lodging accommodations near the conference center if you plan to arrive the night before.

Hampton Inn – (Closest Hotel to the event site) 5600 Hwy 20 SE Cartersville, GA 30121 770-382-8999	Hilton Garden Inn & Suites 24 Liberty Dr. Cartersville, GA 30120 770-382-9787	Fairfield Inn & Suites 20 Canyon Parkway Cartersville, GA 30120 770-387-0400
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FY13 CTAE New Leaders Academy

The CTAE New Leaders Academy is being offered again this year to new CTAE directors and supervisors. We currently have 63 participants registered for this year-long professional learning opportunity. Workshop topics include budgeting of grant and local funds, management strategies, CPI reporting for CTAE staff, legal and ethical issues, QBE funding and school finance, and other pertinent issues regarding the duties and responsibilities of a CTAE director. For more information contact one of your CTAE Region Coordinators - Roy Rucks – rrucks@doe.k12.ga.us, Nancy Bessinger – nbessinger@doe.k12.ga.us or Dr. Brenda Merchant bmerchant@doe.k12.ga.us.

FY13 Perkins Five Year Compliance Reviews

The FY13 Perkins Five-Year Compliance Reviews will begin in September and continue through December, with 37 school systems being visited this year. Assessment and restructuring of CTAE programs should be a continual process within the school system. This process should be an integral part of a school system’s plan to assess the overall effectiveness and/or efficiency of the system’s programs and services. The assessment process provides vital information in determining the extent to which the system’s goals and objectives are being met, and ultimately how students are being served. The Perkins Compliance Review and Self-Study process will assist the local school system in its long-range planning, which is a requirement of the Carl D. Perkins Career and Technical Education Act of 2006. Attached is a compliance review schedule for FY13 – FY17 for your convenience in planning.



Comp Review
Schedule FY13-FY17.

From the Desk of Emily Spann – Development and Transition
espann@doe.k12.ga.us

Development and Transition Update

Welcome Back and Best Wishes for a Great School Year from the Development & Transition Team!

Are you looking for CTAE curriculum resources? Check out the GaDOE/CTAE website for links to the most recent CTAE instructional materials and presentations, including End of Pathway Assessments, STEM, Capital Equipment, Dual Enrollment/Dual Credit, JROTC, Transition Career Partnerships, and the new GACTE 2012 presentations: <http://www.gadoe.org/Curriculum-Instruction-and-Assessment/CTAE/Pages/default.aspx>.

In addition, please click the links below to view the videotaped **CCGPS Integrating of the Common Core Literacy Standards in CTAE High School Technical Subjects Georgia Public Broadcasts**:

- CTAE High School Technical Subjects Georgia Public Broadcasts:
<http://www.gpb.org/education/common-core/2012/05/09/technical-subjects-9th-12th-grades>
- CTAE Middle School Technical Subjects Georgia Public Broadcasts:
<http://www.gpb.org/education/common-core/2012/05/09/technical-subjects-6th-8th-grades>.

Our team looks forward to providing support and assistance to you throughout the 2012-2013 year. Please click the blue links below to find the Development and Transition Team State Staff:



Transition Career Partnership Update

- Transition Career Partnership
 - High school counselors who have dual-enrolled students should have a conference with these students before September 17 to validate that the students are still enrolled in the appropriate dual program and courses.
 - Dual students may earn a total of only four (4) units of credit per semester, whether all dual classes or a combination of dual enrollment and regular classes.
 - Dual students must meet GaDOE guidelines and the participating college requirements before qualifying for dual credit and funding.

Junior Reserve Officer Training Corp (JROTC) Update



JROTC Update

- Roswell High School and Elbert County High School competed at the 2012 National Army Academic Bowl Competition and Roswell placed 4th in the nation.
- North Forsyth High School Marine Corps JROTC was recognized as a National Naval Honor School for the 7th consecutive year.
- North Forsyth became the first unit in Georgia to receive the Marine Corps Reserve Association's Outstanding Unit Award which is the highest honor that can be given to a Marine Corps JROTC unit for two years in a row. Last year they were the first unit to ever receive the award.
- Major Norene Olsen, Lowndes County High School JROTC instructor, became the acting GACTE president in July during the GACTE state conference.
- University of Phoenix has committed to providing an annual JROTC Instructor Scholarship. The first winner of the scholarship will be announced by the end of August 2012.

Note to JROTC Instructors:

1. CTAE teacher drive-in workshops are being held at various locations throughout the state, with specific JROTC instructor breakout sessions. There is no cost for the workshop and registration is through the CTAE Resource Network website at www.ctaern.org. After logging in this website, click on the *Workshop Catalog*, cursor over *Workshop Categories*, and then *General Workshops*. A listing of all the CTAE teacher drive in workshops and locations will appear and you should select the workshop that is closest to you.

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2. The CTAE New Teacher Workshop is scheduled for **September 25-26**, at Macon State College in Macon, GA. Attached is a copy of the agenda for the two-day workshop, led by GaDOE CTAE division program specialists. New JROTC instructors are invited to participate this year. A new JROTC instructor is considered to be a new instructor with less than 2 years experience. The sessions will include best practices, ideas on drill, rifle team or other competitions, fund raising, and teacher certification discussion.

The New Teacher Workshop is free and includes lunch for both days. A copy of the registration form is attached and should be completed and emailed or faxed to Cyndi Waugh (cwaugh@doe.k12.ga.us). The workshop is limited to the first 200 teachers to register. For more information, contact: Gary Mealer, gmealer@doe.k12.ga.us

Professional Learning Update



A link to the **ACTE CareerTech Vision 2012 National Conference** registration form is listed below (includes Georgia's reduced rate). The conference will be held at the Georgia World Congress Center in Atlanta. Also, listed below is a link to a registration form for the ACTE Region II Conference in Greenville, South Carolina. For more information, contact Skip Brown (skip.brown@doe.k12.ga.us)

ACTE Region II Conference
September 27-30, 2012
Greenville, South Carolina
For Registration Info:
<http://acteonline.org/content.aspx?id=7938>

ACTE National Convention CareerTech Vision 2012
November 29-December 1, 2012
Ga. World Congress Center, Atlanta, Georgia
For Registration Info:
<http://www.gacte.org/documents/ACTE%20Georgia%20Reg%20Form.pdf>
Special Georgia ACTE member conference registration rate

End-of-Pathway Assessment Update

Certiport Training Webinars for Georgia High Schools:

Certiport is conducting 24 training webinars to assist Georgia high schools with establishing their high school location as a testing site. If you serve in the role of CTAE Administrator/Supervisor, System Technology Director/Coordinator, End Of Pathway Assessment Test Site Coordinator, or program area instructor (who uses a Certiport exam), you are encouraged to participate in one of the scheduled sessions.

The training sessions will cover:

- How to get started with Certiport
- How to function as an Organization Administrator (accessing reports, printing certificates, etc.)
- How to install Certiport exam delivery engines
- How to deliver an exam

CERTIPOINT TRAINING DATES, TIMES AND CONTENT FOR 2012:

September 25, 2012	3:30 pm EST	Organization Administration
September 28, 2012	3:30 pm EST	Exam Delivery
October 9, 2012	3:30 pm EST	Organization Administration
October 12, 2012	3:30 pm EST	Exam Delivery
October 16, 2012	3:30 pm EST	Organization Administration
October 19, 2012	3:30 pm EST	Exam Delivery
November 6, 2012	3:30 pm EST	Organization Administration
November 9, 2012	3:30 pm EST	Exam Delivery
November 13, 2012	3:30 pm EST	Organization Administration
November 16, 2012	3:30 pm EST	Exam Delivery
December 4, 2012	3:30 pm EST	Organization Administration
December 7, 2012	3:30 pm EST	Exam Delivery
December 11, 2012	3:30 pm EST	Organization Administration
December 14, 2012	3:30 pm EST	Exam Delivery

CERTIPOINT TRAINING DATES, TIMES AND CONTENT FOR 2013:

February 19, 2013	3:30 pm EST	Organization Administration
February 22, 2013	3:30 pm EST	Exam Delivery
March 12, 2013	3:30 pm EST	Organization Administration
March 15, 2013	3:30 pm EST	Exam Delivery
March 19, 2013	3:30 pm EST	Organization Administration
March 22, 2013	3:30 pm EST	Exam Delivery
April 16, 2013	3:30 pm EST	Organization Administration
April 19, 2013	3:30 pm EST	Exam Delivery
April 23, 2013	3:30 pm EST	Organization Administration
April 26, 2013	3:30 pm EST	Exam Delivery

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To access the Certiport training, go to the following link: <http://certiport.adobeconnect.com/georgia/>

Pre-registration is not required, but Certiport has requested that participants access the Georgia Training Room web link at least 10-15 minutes before the session starts.

- Enter the Georgia Training Room as a Guest
- Conference Room Number: 6456478
- Toll-Free Access Number: 1-800-832-0736

For additional information regarding the training webinars, you may contact either:

- Dave Lindsey, Certiport, 1-888-999-9830 ext. 453, dlindsey@certiport.com
- Wes Madrid, Certiport, 1-888-999-9830 ext. 254, wmadrid@certiport.com

For additional information regarding End-of-Pathway Assessment, please contact **Mamie Hanson** at mhanson@doe.k12.ga.us or by telephone at 404-657-6279.

Georgia STEM Festivals



Coming Soon...

On October 10-12, 2012, the Georgia Department of Education CTAE division will host a statewide STEM Festival in Perry, Georgia, in conjunction with the National Fair, beginning at 10:00 am each day and ending at 8:00 pm. Visit our tent to explore STEM education! Interactive Exhibitors will include:

STEM Festival at the Perry Fairgrounds, October 10-12, 2012

Google

GA Aquarium

Lockheed Martin

And many more....

If you are interested in an application to attend the STEM Festival or exhibit at the STEM Festival to highlight the STEM program in your school, please contact Gilda Lyon @ 404.463.1977, email at glyon@doe.k12.ga.us, or go to the new website at <http://stemgeorgia.org>.

STEM Georgia Webpage

The new STEM Georgia website is available at <http://stemgeorgia.org>

The latest STEM grants, student scholarships, STEM competitions, workshops, webinars, freebies for teachers and STEM lesson plans are available on the site.

Follow STEM Georgia on Twitter

Immediate updates on grants, workshops, competitions, scholarships, and STEM resources.

<http://twitter.com/stemgeorgia>



Update from the Summer 2012 Georgia STEM Institute

The Georgia Department of Education Career, Technical, and Agricultural Education Division hosted two Georgia STEM Institutes in June 2012 Savannah and Atlanta. Teams of CTAE, math and science teachers attended the week long Institutes for the purpose of exposing them to STEM Industries and the career possibilities for students in those industries.

This picture shows the Savannah STEM Institute participants studying ecological factors on Little Tybee Island.

The Savannah STEM Institute was hosted by Gulfstream for several days and workshops with teachers were held at the Savannah College of Art and Design on video game design, with the public horticulturist at the Coastal Botanical Gardens and Bamboo Farm, demonstrating the daVinci Surgery Robot at St. Joseph's /Candler Hospital, Georgia Power's Plant Kraft, and a kayaking trip to Little Tybee Island with the National Oceanic and Atmospheric Administration. In addition, presentations from Kennesaw State University's iTeach Center on iPad use in the classroom, the US Labor Department Women's Bureau, and VEX robotics rounded out a full week of STEM activities for the teachers.

The remainder of the week was a whirlwind of activities including presentations by the Kennesaw State iTeach Center with a lunch overview of STEM from Dr. Adrian Epps from the ATOMS Center at KSU, the Women In Technology group and Women's Bureau at the US Department of Labor, VEX Robotics, Texas Instruments, and Dr. George Stickel from Southern Polytechnic State University. Teachers at St. Joseph's Candler Hospital interacting with the daVinci robot



The teams visited Lockheed Martin, CryoLife, Quality Technology Services, Genesis Laboratories, MVA Scientific, the Georgia Tech Food Processing Lab, and spent a special evening at Georgia State University studying forensics with the BioBus program. The Center for Innovation in Aerospace also conducted a mini-STEM Institute for two days in Warner Robins at the Museum of Aviation. Directed by Amy Hudnall, Institute attendees were provided the opportunity to experience the Mission Quest simulator at the Museum of Aviation, visit Timco

and Warner Robins Air Force Base, go on a Civil Air Patrol orientation flight, and take home many NASA resources.

Next summer's STEM Institutes will be even bigger and better and we hope to expand into more "mini-institutes" that allow us to accommodate more teachers. Stay tuned to our STEM website at <http://stemgeorgia.org> for the latest information on the 2013 registration.

From the Desk of Myrel Seigler – Guidance and Counseling
mseigler@doe.k12.ga.us

Guidance and Counseling Update

Counselors:

Welcome back to a new school year. Professional School Counselors are in the spotlight as the development of Individual Graduation Plans and Career Awareness, Exploration, and Development are being emphasized as part of ensuring all students are successful in not only their school years, but in preparing them for College and Career Ready post-secondary options. School counselors are important as their roles are being more defined by working with students, parents, and teachers helping guide students toward a pathway of their interest. A solid comprehensive school guidance plan should be developed and implemented to ensure effective practices are being followed to help the school maximize their opportunities on the College and Career Ready Performance Index.

The Georgia Department of Education is committed to supporting school counselors in fulfilling their roles in serving and supporting the entire school program. Contacts for School Counselors are below:

Jacqueline Melendez, Program Specialist (jmelendez@doe.k12.ga.us) 404-657-4965
Vivian Snyder, Program Specialist (vsnyder@doe.k12.ga.us) 404-657-8331
Myrel Seigler, Program Manager (mseigler@doe.k12.ga.us) 404-657-8324

If we can be of assistance, please do not hesitate to contact our team. Best wishes on having a great school year.

CTAE Teacher and Counselor Drive-In Workshops—All counselors K-12 should register for the workshop closest to you via the CTAE Resource Network at www.ctaern.org. Each workshop will be from 5:00pm until 7:30. Check in will be from 4:30-5:00.

The schedule and location of the remaining workshops is listed below:

Counselor/Teacher Drive-In Workshops August 2012

8/27/12	Howard High School (Bibb County)
8/28/12	Harris County High School
8/30/12	Drew High School (Clayton County)

Counselor/Teacher Drive-In Workshops September 2012

9/5/12	Georgia Northwestern Tech (Floyd County)
9/6/12	Fannin County High School
9/11/12	Grovetown High School (Columbia County)
9/12/12	Statesboro High School (Bulloch County)
9/18/12	Rural Development Center (Tift County)
9/19/12	Ware County High School (Ware County)

Upcoming Britannica Online/GALILEO Common Core GPS Webinars

GaDOE English Language Arts Program Specialist, Daniel Rock, will be conducting three 60-minute webinars covering the basics of Britannica School Edition (free to GALILEO users). Included in the webinars will be the following:

- The features in Britannica and how they can be aligned to the Common Core Standards.
- How teachers could implement Britannica into their lesson plans, including Literacy in the Content Areas and Text Complexity.

The sessions listed below will be live webinars, so attendees may ask questions during the presentations. The webinars will be recorded for future viewing.

Click on Sign to add text and place signature on a PDF file.

GALILEO
An Initiative of the University System of Georgia

Britannica Online®
FREE! Web Training for Georgia K-12 Schools

Training Without Travel!

Britannica Online School Edition PreK-12

Elementary School
Search Level-Appropriate Reference Articles, Journals and Magazines, the Web's Best Sites, Multimedia, and Curriculum Content.
→ Merriam-Webster Dictionaries
→ World Atlas
→ Workspace

Middle School
Search Level-Appropriate Reference Articles, Journals and Magazines, the Web's Best Sites, Multimedia, and Curriculum Content.
→ Merriam-Webster Dictionary
→ World Atlas
→ Workspace

High School
Search Level-Appropriate Reference Articles, Journals and Magazines, the Web's Best Sites, Multimedia, and Curriculum Content.
→ Merriam-Webster Dictionary
→ World Atlas
→ Workspace

Britannica Online / GALILEO Common Core Georgia Performance Standards Webinar Elementary

Wednesday, August 29
3:30 PM – 4:30 PM

www.gotomeeting.com/register/460244409

Middle School
Wednesday, September 5
4:00 PM – 5:00 PM

www.gotomeeting.com/register/501084616

High School
Thursday, September 6
3:30 PM - 4:30 PM

www.gotomeeting.com/register/623644769

From the Desk of Dwayne Hobbs - Program Delivery
dhobbs@doe.k12.ga.us

Everyone is extremely busy and excited as school systems start the 2012-2013 school year. The Program Specialists have been busy as well assisting teachers and school systems as they kick off a new year. Along with assisting schools as they begin their school year, we are also very involved in the process of revisions to courses and pathways to align with the Career Clusters. Right now we are finalizing the Business and Industry input phase. The survey conducted by the Carl Vinson Institute of Government will be finalized and the analysis will be studied during the month of September. Business and Industry representatives will make a presentation to the State Board on October 4th. Later in October and during November, the Program Specialists will be calling on teachers across the state to help us finalize course standards and elements for the revised and new courses. Thank you in advance to all who will support us in this effort and participate in the process.

Fall Drive-In Meetings

The full schedule of the CTAE Teacher Drive-in meetings and details can be found on the CTAE Resource Network at www.ctaern.org. If you have not registered to attend, please choose a location that is closest to you and join us for a quick update of all that is going on in Career and Technical Education in Georgia. The program starts at 5:00 for a 1 hour general session and then there is a breakout session from 6:00 – 7:30 for each program area.

CTAE Resource Network

All teachers should update their profile on the CTAE Resource Network at www.ctaern.org. Double check your email address to ensure that it is correct. This is the only way that we have to get in touch with many of you throughout the year to share news and opportunities.

New CTAE Teacher Workshop

This workshop is for new CTAE teachers with three years or less experience. This does not include Agriculture teachers as they have their own training.

Where: Macon State College
When: September 25-26, 2012
Register: Information on the workshop is available on the CTAE Resource Network (CTAERN3529). For this workshop you must print the registration form and send to Cyndi Waugh at cwaugh@doe.k12.ga.us or by fax at (404) 651-8984.



New Teacher
Workshop Registration

New CTAE Teacher Workshop Topics:

- Classroom Management
- Common Core and Literacy Strategies

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- PSC- Ethics
- Advisory Committees
- CTSOs
- Working with Special Needs Students
- Assessments – Designing Written Tests, Rubrics etc.
- Using the CTAE Resource Network (CTAERN)
- Lesson Planning and Activities Form Master Teachers
- Technology in the Classroom
- Information from New Teacher Institute (NTI), Preparation Academy Career and Technical Educators (PACTE) and Georgia Teacher Academy for Preparation and Pedagogy (TAPP) for those who need teacher prep program for certification)

For questions contact Phyllis Johnson at pjohnson@doe.k12.ga.us

Healthcare Science, Public Safety and Cosmetology

Two CPR Instructor Classes

CPR Instructor classes will be held on September 20-21 at Grayson High School in Loganville (Gwinnett); and December 6-7 at Coffee County High School (Douglas). Sign up on the CTAE Resource Network at www.ctaern.org.

Health Information Technology Leadership Summit Student Innovation Award

This Summit is presented by the Health IT Leadership Summit in conjunction with TAG Education Collaborative and the Georgia Department of Education and is sponsored by Verizon Wireless.

The purpose is to encourage Health Science, Business and Computer Science students to work as a team and design a mobile application to aid a healthcare provider in the education and training of a patient newly diagnosed with Type 1 Diabetes.

This is a team event consisting of 2-4 students per team. Each team must represent either a HOSA (Healthcare) and/or FBLA (Business and Computer Science) chapter.

Students should evaluate the current trends in the use of mobile applications and study how these trends will impact our healthcare delivery system. Health related areas to be addressed in the App may include nutrition, activity level, medications, and signs and symptoms to look out for. Teams will be invited to a webinar providing the basic information for developing an App and for the education of patients in a healthcare setting.

Required Documents:

- A Working Mobile Application
- Research Documentation
- Instructional Materials for the Healthcare Provider
- Instructional Materials to Patients using the Application
- Implementation Plan
- Promotional Flyer for the Application that will Serve as a Marketing Tool to Target Healthcare Providers

Award Process:

To enter, submit the completed mobile application and required documents to mrobertson@tagonline.org by 12:00 p.m. on October 4, 2012.

Awards:

- Finalist teams will be selected to attend the Health IT Leadership summit December 4, 2012, at the Fox Theatre.
- Teams will present and market their Application to healthcare and industry representatives attending the Summit.
- A text-voting system at the Summit will determine the winning team.
- Cash prizes will be awarded to each of the finalist teams. A grand prize winner will receive an additional case prize for their CTSO chapter.

Healthcare Industry Certification

Healthcare programs of 22 schools will be going through Industry Certification during this school year. The training will be held at Houston County Career Academy, September 26-27. Sign up on the CTAE Resource Network at www.ctaern.org (coming soon). Teachers will be contacted by Sharon Norman of Blue Ridge AHEC.

As a requirement of certification, programs must now complete an annual report. The programs that certified last year and the year before were sent a short form to complete showing they are still meeting the Industry Certification standards. Those forms need to be submitted if they haven't been already. Please contact Phyllis Johnson at pjohnson@doe.k12.ga.us if you have any questions.

Other Professional Development

We will distribute a form at the regional drive-in meetings asking for your input on needed professional development. We would greatly appreciate your suggestions. Some have already been suggested, so please contact Phyllis Johnson at pjohnson@doe.k12.ga.us if you would attend if offered:

- Barbering and other new haircutting techniques (Cosmetology)
- Additional training with Deborah Craytor from the State Bar of Georgia (Public Safety)
- Additional phlebotomy training (Healthcare)
- Anatomy using clay (hands on workshop) all groups
- Literacy strategies in CTAE (all groups)

Architecture, Construction, Communications and Transportation

Camp T&I

What a summer! It really flew by! We had a group of nearly 100 attendees at Camp T&I in June. Automotive, Construction, Broadcast Video and Graphics teachers spent several days in beautiful Savannah learning some new tricks of the trade. Thanks to James Dinsmoor, Kevin Ward, Don Faircloth and Cheryl Rees for taking the lead on securing instructors and presentations for their groups. We hope to see even more of you there next summer to participate in technical updates in your program areas. We plan to offer an additional opportunity to participate in Skills University in conjunction with Camp T&I so that you may get credit towards your Program of Work on the CTAE Resource Network. We hope you plan to attend.

SkillsUSA

National Conference in Kansas City

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The weather wasn't the only hot news in Kansas City this summer. Georgia Skills USA students were burning up the competition at National Conference! We finished second in the nation in medallion count! Go Georgia! Our goal next year is to top our neighbor Florida who continues to lead. There were over 14,000 attendees in the Kemper Arena for the ceremonies. The competition floor was absolutely electric with excitement and we are so proud of all of our students who participated. We're looking forward to next year.

Georgia Association for Career and Technical Education (GACTE) Economic Summit

The GACTE Economic Summit was a great success! There were nearly 250 registered attendees in the ACCT program area. Many presentations offered good opportunities to share best practices and come away with new ideas to implement in the classroom. Our Trade and Industrial Education of Georgia (TIEGA) Awards luncheon was wonderful and we bid a bittersweet and tearful good bye to Gayle Silvey who has taken a position with the National Skills office. We wish her much success. We welcomed Ashley Hopkins (soon to be Ashley Brown) back into the SkillsUSA family. Many of you will remember Ashley as a former SkillsUSA state and national officer. She previously taught Marketing and served as the Georgia Technology Student Association (TSA) Executive Director this past year. We are very excited to have Ashley take the lead for our organization. You may welcome her at abrown@skillsusageorgia.org.

Trade and Industrial Education of Georgia (TIEGA)

Be an advocate for your professional organization TIEGA and join your fellow teachers in support of all that they do to promote our programs in the state of Georgia. For information about the organization and details about how to join visit www.tiega.org.

Send Carol an Invitation

Please send me an invitation to visit your schools. Now that I have gotten my feet wet, I hope I can get out of the Twin Towers and visit you *all* more often. As always, you can reach me at cburke@doe.k12.ga.us. I look forward to seeing you all this year!

Marketing, Sales and Service

Regional Drive-In Meetings

This year's are listed on marketing teachers' Program of Work (Extended Day Grant) for a total of five of the fifteen required points listed in the Professional Development section. The regional meetings' breakout session is my main platform for delivering important information about the Career Clusters' initiative, the curriculum and instructional plans in place for FY 2013 and the professional development (CTAERN) workshops that address the new Marketing Education standards and the strategies for incorporating new Common Core literacy standards. Therefore, these meetings are very necessary. Anything you can do to ensure that teachers will be able to attend these meetings is greatly appreciated!

WorkWinWow (WWW) Conference for Marketing and DECA

Marketing and DECA are combining their teacher/advisor conferences into a one-day conference on Friday, September 14, at Rockdale Career Academy in Conyers. This one-day conference will consist of trends and innovations in marketing and communications, presented by cutting-edge businesses in metro Atlanta, Marketing Education and DECA sessions and Georgia Marketing Education Association (GMEA) updates, including resources for teachers' use in the classroom. This conference is very inexpensive, yet imperative. It is the only venue for teachers to learn about the continuous changes and new ideas in marketing, communications, social media, etc. Again, anything you can do to ensure that teachers will be able to attend this conference is greatly appreciated!

**Special Populations – Georgia Career & Technical Education
(CTI, CCAE, Project Success)**

New CTI and CCAE Coordinator Endorsement

The 2012 New CTI and CCAE Coordinator Summer Institute took place July 5-20, at the Athens Community Career Academy. Several CTI and CCAE Coordinators throughout Georgia successfully completed 100 of the 150 hours required of the endorsement process. These individuals will now enroll in the 2012-2013 New CTI and CCAE Coordinator Internship, which will take place September 2012 through April 2013, to achieve the additional 50 hours needed.

Danny Fleming will be the workshop facilitator for the internship. Upon successful completion of both the institute and internship, coordinators will complete and submit the appropriate paperwork through Dr. Jones at UGA, to the Georgia Professional Standards Commission to add the CTI or CCAE endorsement to their certificate. Please contact Tammy Caudell at tcaudell@doe.k12.ga.us with any questions.

Family and Consumer Sciences (FACS), Culinary Arts, Education

GATFACS Winter Conference

The GATFACS Winter Conference is scheduled for January 24-26, 2013, at the Marietta Hilton. Lots of professional development opportunities will be available: Culinary Institute of America Two-Day Workshop, Integration of the new Literacy Common Core, Food Science Workshop with Hands on Activities, Knife Skills, Career Clusters Update on Pathways for FACS Educators, Better Brains for Babies, plus much, much more. CTAE Administrators are welcome to register and attend any or all of the conference, and registration will open in October.

Regional Drive-In Meetings

Don't miss the upcoming regional drive-ins for the latest updates on the College & Career Readiness Performance Index (CCRPI), the new graduation rule, common core integration, career clusters, new End of Pathway Assessments (EPOAs) for FACS & Culinary and Education, to name a few.

Business and Computer Science

Curriculum & Instruction News

Thank you to everyone who reached out to the local business and industry professionals to participate in the Career Cluster survey to gather insider information about curriculum offerings! Now, that the survey is complete, we will use the data to drive the new pathway courses for our area!

Every Teacher is an FBLA Adviser

Every teacher is an FBLA Adviser because FBLA is co-curricular! All teachers are encouraged to use the Georgia FBLA Intranet at <http://gafbla.webexone.com>. A login ID and password is required. If teachers don't have an account, please send an email to intranet@georgiafbla.org requesting an account. This site is full of information, resources, details, forms, and announcements to keep all advisers up to date!

FBLA Facebook

All advisers and members are encouraged to stay connected through Georgia FBLA Facebook at <http://www.facebook.com/georgiafbla>.

Microsoft IT Academy

The Microsoft IT Academy provides students with the future ready technology skills they need to be successful in college and a career. Through the Business & Computer Science programs, students will use and access all the benefits of the IT Academy. Each course in the Administrative/Information Pathway (Computer Applications 1, Computer Applications 2, and Business Communication and Presentations) is aligned with the resources available. All programs are encouraged to reach out to the IT Directors to work to prepare the labs for use of the Microsoft IT Academy based on the checklist. The checklist is provided on the DOE website. <http://www.gadoe.org/Curriculum-Instruction-and-Assessment/CTAE/Pages/Georgia-Microsoft-IT-Academy.aspx>

Please take time to communicate with each high school principal about the Microsoft IT Academy and to ensure all communication is shared with the Business and Computer Science teachers regarding the Microsoft IT Academy. Communication is sent directly to the principal who is identified as the Program Administrator for each high school. Additional communications will be sent from the Georgia Department of Education to CTAE Administrators and Business and Computer Science teachers.

Professional Development Opportunities

- **Microsoft IT Academy Teacher Training Workshop:** Teacher face-to-face workshops are being offered to train Business & Computer Science teachers to use Microsoft IT Academy to its fullest potential in the classroom. At least one teacher from the Business and Computer Science program teaching in the Administrative/Information Pathway should make plans to attend one of the workshops offered around the state. Participants must register on CTAERN; see the details below:
- Monday, September 10, 2012 - Cass High School, Bartow County
- Tuesday, September 11, 2012 - East Jackson High School, Jackson County
- Thursday, September 13, 2012 - Veterans High School, Houston County
- Friday, September 14, 2012 - TBA

Registration for all Microsoft IT workshops will be conducted through the CTAE Resource Network at www.ctaern.org. The following conditions are mandatory for teachers to attend:

1. Teachers must have the member ID for their school
2. Teachers should have accessed the Microsoft IT Academy Member Site
3. If available, teachers should bring a laptop equipped to access the Microsoft IT Member Site to use during workshop

Professional Opportunities Available for Teachers

- GaETC: Nov 7-9, 2012, Atlanta
- Entrepreneurship Education Forum: November 9-12, 2012, Atlanta
- ACTE VISION 2012: Nov 29 - Dec 1, 2012, Atlanta
- SBMEC: Feb 1-2, 2013, Athens
- ACTE National Policy Seminar: March 4-6, 2013, Arlington VA
- NBEA/SBEA: April 16-20, 2013, Atlanta
- Field of Dreams: June 3-6, 2013, Mountain View High School, Lawrenceville

- GACTE: July 10-13, 2013, Atlanta

Industry Certification

Congratulations to all certified programs! All programs currently certified, please remember the following important elements of a certified program:

1. The required annual report should be complete and emailed by **May 1, 2013**. The report will be available online from the GaDOE website. Please take time to review this report now to ensure that the program continues to meet each requirement. A change that will happen this year is the certifying agency (SHRM) will review and provide written documentation to the school and the Georgia Department of Education regarding the certification status for each school based on the annual report.
2. Each school is required to meet Chapter of the Year status for FBLA. A change has been implemented for 2012-13 school year: Schools can earn Honor Roll status to meet the requirement of industry certification. All teachers should play an active role as an FBLA Adviser including using FBLA in the classroom to maximize the co-curricular aspect of FBLA. All documentation and details can be found on the Georgia FBLA intranet for advisers at <http://gafbla.webexone.com>. Every FBLA adviser is encouraged to have an account and check the intranet regularly. Resources, documents, details, files, and conference material are all updated on the intranet. Each teacher should list all FBLA activities participated in at the local, regional, state, and national levels. Documentation by teacher is required.

Programs that have received the Industry Certification Grant for FY 13

All teachers teaching in Business & Computer Science must attend an Industry Certification Prep Workshop! The last workshop that will be offered will be on August 27, 2012, at Howard High School. Registration will be available on the CTAE Resource Network at www.ctaern.org.

Engineering and Technology

Message from the New Program Specialist for Engineering and Technology

Hello, my name is Mark Crenshaw and I am the new Program Specialist for Engineering and Technology Education at the Georgia Department of Education. I am VERY excited about my new position and the opportunity to work with and for you, the teachers, and students. I am coming straight from the classroom and having been very involved with the Technology Student Association (TSA); VEX Robotics, International Technology & Engineering Educators Association (ITEEA), and Georgia Engineering Technology Educators Association (GETEA). I jumped right in and began working on Career Clusters and Pathways, Industry Certification, professional learning, end-of-pathway assessments and the many other initiatives at the GaDOE that are proving to be very beneficial for the Engineering and Technology Education programs!

Industry Certification

Congratulations to everyone who completed the Industry Certification program this past year - thirteen schools in all. Many schools will be working on certification this year and we look forward to assisting you in this process. We believe that Industry Certification is an integral part of strengthening our career and technical education programs and would encourage all Engineering and Technology education programs to participate in the near future. For more information on Industry Certification requirements, visit the GaDOE

website at <http://www.gadoe.org/Curriculum-Instruction-and-Assessment/CTAE/Pages/Engineering-and-Technology.aspx>.

If you are an administrator with an Engineering and Technology Education program that has received Industry Program Certification within the last five years, please continue to support your program and submit the required annual report for compliance of standards no later than December 1, 2012.

Career Clusters

The alignment to federal career clusters was mandated by House Bill 186 that was passed in 2011. As part of this effort, advisory committees have been formed and are meeting to review and revise the clusters related to Engineering and Technology. Some exciting things in regards to our Manufacturing and Energy Systems Pathways are taking place so be on the lookout as we get closer to finalizing these for implementation into the classroom.

Georgia Engineering Technology Educators Association (GETEA)

GETEA is the state organization which is affiliated with the national organization for Engineering and Technology Education Educators. It is becoming increasingly important in the state and national education plans to have a voice. By joining GETEA and International Technology & Engineering Educators Association (ITEEA), you are voicing your support for continued funding of Engineering and Technology Education as well as The Science, Technology, Engineering, and Mathematics (STEM) Education by our governing bodies. Your dues go directly to maintaining the organizations and helping to support a lobbyist to voice the opinions of Engineering and Technology and STEM Educators. The Fall Conference will be held in Savannah on October 18-20, at Woodville-Tompkins Technical and Career High School. Please join us!

Congratulations to the 2012 International Technology & Engineering Educators Association (ITEEA) Awards Recipients

Program of Excellence

Peter Binion - Druid Hills Middle School, Decatur, GA



Teachers of Excellence

Blaire Booth - East Coweta Middle School
Mark Crenshaw - Dunwoody High School



DeKalb Engineering Team Creates Solar Car for Winston Solar Car Challenge

The DeKalb Engineering Team is composed of students ranging from freshmen in high school to upcoming college freshmen from around the Metro Atlanta area. These students, teamed together under the direction of Mr. Patrick Gunter, designed and built the first high school solar car in Georgia to compete in the Open Division of the Winston Solar Car Challenge on July 14-19, 2012, in Fort Worth, Texas at the Texas Motor Speedway.

Six teams constructed various project components: Mechanical, Electrical, Photovoltaic Array, Composites/Carbon Fiber, Telemetry/Data Acquisition, and Public Relations. The students devoted 50 or more hours per week to build the car for Solar Car Challenge. This engineering feat was accomplished in two months, which is a remarkable accomplishment. Time sensitive real world projects are a perfect example of activities in today's workforce.

This education project was geared toward a focus in Science, Technology, Engineering and Mathematics (STEM). Many STEM Education opportunities have been provided by the DeKalb Engineering Team.

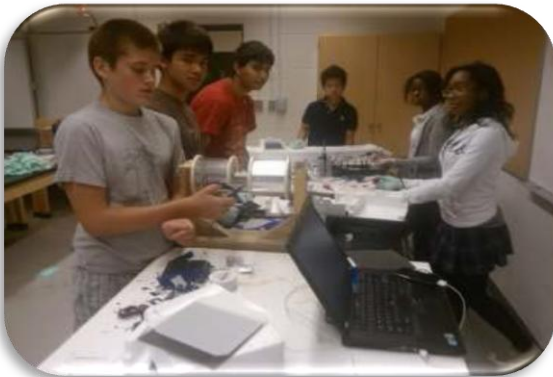
Our aspirations were met with the passionate dedication on the part of the students as well as support of local businesses/industries and community support.

Reforming Education in Georgia through the Endeavour Solar Car Project

“What are we doing as educators to prepare students for today’s workplace? The TEAM Endeavour Project is a perfect example of what skills and competencies our industries need in today’s workplace. This is the best of the best STEM education project that could be developed to meet these community and student needs. Post-Secondary Education, community, and business/industry partnerships are essential for success ...”

Mr. Gunter on solar cars, engineering, and manufacturing / STEM Education.

The solar cells were supplied by Suniva, the supplier of the best solar cells on the world market. The cells were cut at their facility by our students. Additionally, the team has had support from UCEP University Center for Excellence in Photovoltaics. The Georgia Tech Solar Jackets were mentors and provided training and assistance for Team Endeavour.



Students at Cross Keys Tabbing Cells



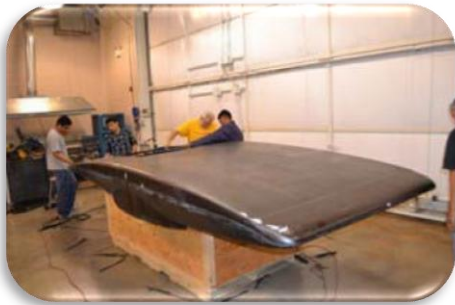
Car Arriving in parts completed at Race

The motors and motor controller are from NuGen Mobility, Inc. The motor & controller was refurbished to compete at this race. The NuGen motor system is used by the top college teams in the world. The car used a Maximum Power Point Trackers (MPPTs) from Lithium Power Systems to control the power from solar array to the battery system. The car’s body was composed of many aircraft materials, such as carbon fiber/ honeycomb reinforcements and various composites to construct a lighter car.



TEAM Endeavour Working at Middle Georgia College Aviation

The DeKalb Engineering team worked at Middle Georgia College Aviation Center to construct the solar car, Endeavour, in one of the top aviation labs in the state for laying up carbon fiber and metal fabrication. This location is perfect for building Georgia's first solar car as they have all the facilities required to build Endeavour.



Carbon Fiber aero body built at MGCA



24' Race Trailer restored at MGCA



Completed Frame in the Garage at the TMS



Restored Race Trailer at Texas Motor Speedway

Solar Car Endeavour Will Race Again

Lately, it has appeared that there is a dilemma in education with budget cuts and reductions. However, we intend to present insight as to education being a valuable investment because these students will be the workforce of tomorrow. The goal here is to apply the knowledge the students have gained through engineering and manufacturing to be the first to construct a high school solar car for the state of Georgia.

Career, Technical and Agricultural Education State Newsletter

We should encourage students to apply the academics they are given and align this knowledge to real world applications in the community. This is an investment worth making as Endeavour has plans to race not only in this year's Winston Solar Challenge, but also in the 2013 Challenge, a cross country race from Dallas, Texas to Los Angeles, California. Also, in the 2013 World Solar Challenge in Australia which will require continual community and industry support.



Team Endeavour @ Texas Motor Speedway



Car Exhibited at DeKalb Sustainable Neighborhood Event

Career and Technical Student Organizations (CTSOs)



Georgia CTI

Georgia Career and Technical Instruction (CTI) is ushering in the year with the theme "Leaders United"! Georgia CTI is a co-curricular organization for students with disabilities enrolled in Career, Technical and Agricultural Education courses, grades 9-12, to learn self-advocacy, career exploration and the skills needed for successful transition into their career goals after graduation. Mark your school calendar now with the CTI events. Let's unite together and create a new crop of leaders this year for Georgia!

- October 1, 2012 - Affiliation Form Due-Georgia CTI Office
- October 10, 2012 - Georgia CTI National Fair Rally-Perry, GA
- October 14, 2012 - Georgia CTI Atlanta Falcons Football Game-Atlanta, GA
- November 15-16, 2012 - Georgia CTI Fall Leadership Conference-Savannah, GA



Georgia DECA

Georgia DECA is ready to "Thrive" this year! Our membership campaign for 2012-2013 is "Thrive for Thirteen". We want to keep our high membership numbers so we will recognize chapters that increase their membership by thirteen members or by thirteen percent over last year's numbers. Our Fall Community Service Project focuses on raising funds for the Sibley Heart Center at Children's Healthcare of Atlanta and our goal is to raise \$12,000! Chapters have the opportunity to participate in many leadership activities this fall:

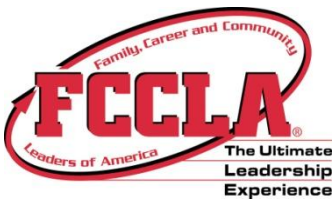
- September 14, 2012 - WorkWinWow (Advisor Conference)
- September 25, 2012 - Business of Baseball (Atlanta Braves Event)
- September 30, 2012 - DECA Day with the Atlanta Falcons
- October 12, 2012 - Fall Rally (Georgia National Fair)



Georgia FBLA

Georgia FBLA has just concluded a very busy and successful summer. Over 300 members and advisers traveled to San Antonio in June for our National Leadership Conference where we had 44 national winners, more than at any previous NLC. We were also named the largest state FBLA chapter for the tenth year in a row. In July, over 900 members prepared for the coming year by participating in our Summer Leadership and Officer Training Summits (SLOTS) that were held throughout the state at Swainsboro High School, Crisp County High School, Miller Grove High School, and Sonoraville High School. We welcome all of our members and advisers to the 2012-2013 membership year as we celebrate our 65th anniversary and become "Leaders by Design"!

- Fall Motivational Rally, Perry: October 11, 2012
- Middle Level Fall Leadership Conference, Athens: November 14, 2012
- High School Fall Leadership Conference, Athens: November 14-15, 2012



Georgia FCCLA

Georgia FCCLA just returned from a very successful National Leadership Conference in Orlando, Florida! This year's student-originated theme for the annual national meeting was "#realitycheck." Over 3,600 students competed in STAR Events (Students Taking Action with Recognition) and Georgia FCCLA brought home 77 gold medals, 74 silver medals and 3 bronze. Way to go! A donation of \$37,488.71 was presented to Share Our Strength from National FCCLA to fight childhood hunger and Georgia FCCLA was recognized as making the largest donation of over \$8,000 and received a plaque and a \$1,000 check. In addition, a total of over 15,000 pairs of new or slightly worn shoes were collected to benefit Soles4Souls. Georgia FCCLA brought in a record number of over 1,000 pairs! Congratulations to Destiny Levant of Tattnall County High for receiving the *Nasco* Teach & Train Scholarship!

SAVE THE DATE!

- New DISCOVER Training, August 18, 2012 (Camp John Hope, Ft. Valley)
- Fall Leadership Conference, Sept. 20-21, 2012 (FFA-FCCLA Center, Covington)
- Fall Leadership Rally, Oct. 10, 2012 (Georgia National Fairgrounds, Perry)



Georgia HOSA

Georgia HOSA is proud to have recently launched a new and improved website that has received national attention! In addition, we are very proud of our students who attended the National Leadership Conference in Orlando, FL. With 317 attendees, we experienced the largest attendance to a National Leadership Conference in our state's history.

Upcoming events:

- Washington Leadership Academy for State Officers - September 14-18, Washington, DC
- Fall Leadership Rally - October 10, Georgia National Fairground, Perry, GA
- Fall Leadership Conference - November 7-9, Atlanta, GA

As always, Georgia HOSA is committed to providing opportunities for knowledge, skill & leadership development of all students interested in a health care career.

Career, Technical and Agricultural Education State Newsletter



SkillsUSA Georgia

Over 250 SkillsUSA Georgia state winners traveled to Kansas City, Missouri on June 23-27, 2012, to participate in the SkillsUSA 48th annual National Leadership and Skills Conference (NLSC). During the week, more than 5,600 outstanding career and technical education students—all state contest winners competed hands-on in 94 different trade, technical and leadership fields. SkillsUSA Georgia competitors competed at their finest; receiving enough medallions to earn the bragging right of being number two in medallion count in the nation! Congratulations to all of our Champions! Visit our website for a detailed list of how all of our Georgia Champions placed!

<http://skillsusageorgia.org/Nationals2012.htm>

- Sept 13-14, 2012 – Fall Leadership Conference
- October 5, 2012 -- Champions Rally



Georgia Technology Student Association

The Georgia Technology Student Association culminated its 50th Anniversary Year, represented by 277 members from 32 schools, at the National TSA Conference. Held in Nashville, Tennessee, the five day conference brought together over 5000 students from across the nation. The conference included a combined 67 competitive events on both MS & HS levels, National Officer elections, Delegate Business Session, Awards and Recognitions. A Georgia TSA Member – Austin Vest from Fannin Co. High School -- served as National Vice President in 2011-2012 and Georgia results included six Middle School top 10 places and 23 High School Top 10 places in the US. Georgia won State with the Most High School Chapters and State with Most Members Overall. Visit our website www.gatsa.org for a complete list of National Winners and complete calendar with deadlines.

- Chapter Officers Retreat for Excellence (CORE) Sept 7-9, 2012, Clayton, GA
- Tech Day at the GA National Fair – October 8, 2012, Perry, GA
- Fall Leadership Conference – November 2-4, 2012, Jekyll Island, GA

Work-Based Learning (including Youth Apprenticeship)

Work-Based Learning Bootcamp Workshop

Due to a large number of transitions and new hires in Work-Based Learning since the last workshops were held in June, we have added a workshop for new Work-Based Learning Coordinators. The workshop will be held August 27-29 at the Henry County Academy for Advanced Studies. For more information contact Cindy Tumblin – 678-316-8419. There will be no other training for Work-Based Learning Coordinators until next June.

Region Meetings

All Work-Based Learning Coordinators *should* attend their region meetings. All Youth Apprenticeship grant recipients *must* attend these meetings to fulfill their grant requirements. There are three or four meetings per year depending on the region. Anyone uncertain about which region they are in or uncertain that they are on the email group to receive the notices about these meetings should e-mail: dhobbs@doe.k12.ga.us

Career Related Education (CRE) Manual Updates

Update pages for the CRE Manual were issued at the GACTE Conference. The 2012 update pages are beige/tan. Please direct any questions and concerns related to Work-Based Learning to Dwayne Hobbs dhobbs@doe.k12.ga.us

From the Desk of Chip Bridges – Agriculture
jbridges@doe.k12.ga.us

Agricultural Education Update

There is so much excitement and enthusiasm with the anticipation of another great school year. The agricultural education team is ready, willing, and able to serve agriculture teachers and students. We are expecting another great year of success with the agricultural education program. I would like to take this time to say THANK YOU for supporting your teachers and students. With your leadership, many great opportunities await your schools Ag-Ed program in 2012-2013. I encourage you to also visit the FFA website (www.georgiaffa.org) and click on the news and updated information tab. Here are just some of the highlights that I would like to mention: (I hope it is your school system recognized here)

- *Screven County Middle School FFA is a finalist for Outstanding Middle School FFA Chapter
- *Lowndes County, Franklin County, and Dawson County each have a student finalist in the American FFA Degree Award program.
- *Georgia has 17 different schools with a National FFA Proficiency Finalist -- there are 24 students being recognized as a National Proficiency Finalist.
- *Georgia FFA has a finalist in 21 of the 24 categories for the National Agriscience Fair event. Several school systems are represented in this National Event.
- *Southeast Bulloch High School is a "Models of Innovation" finalist in the National Chapter Award Program.

In closing, I would like to share an excerpt from a letter written in 1787 from Thomas Jefferson to George Washington: "Agriculture is our wisest pursuit, because it will in the end contribute most to real wealth, good morals, and happiness." Even though this was written many years ago, I suggest that this sentiment is still true today. My wish is for a productive and successful school year for each of you.

To view the entire Agricultural Education Newsletter just copy and paste the link below into your address bar:

www.gadoe.org/Curriculum-Instruction-and-Assessment/CTAE/Documents/Ag-August-2012.pdf