



200 West Baltimore Street, Baltimore, MD 21201
410-767-0100 410-333-6442 TTY/TDD



2013 CAREER AND TECHNOLOGY EDUCATION (CTE)
AWARDS OF EXCELLENCE

Maryland Public Schools: #1 in the Nation Five Years in a Row

Maryland State Department of Education Division of Career and College Readiness

Presents

The 2013

Career and

Technology Education

Awards of Excellence



**Sheraton Baltimore City Center
Baltimore, Maryland
April 23, 2013**

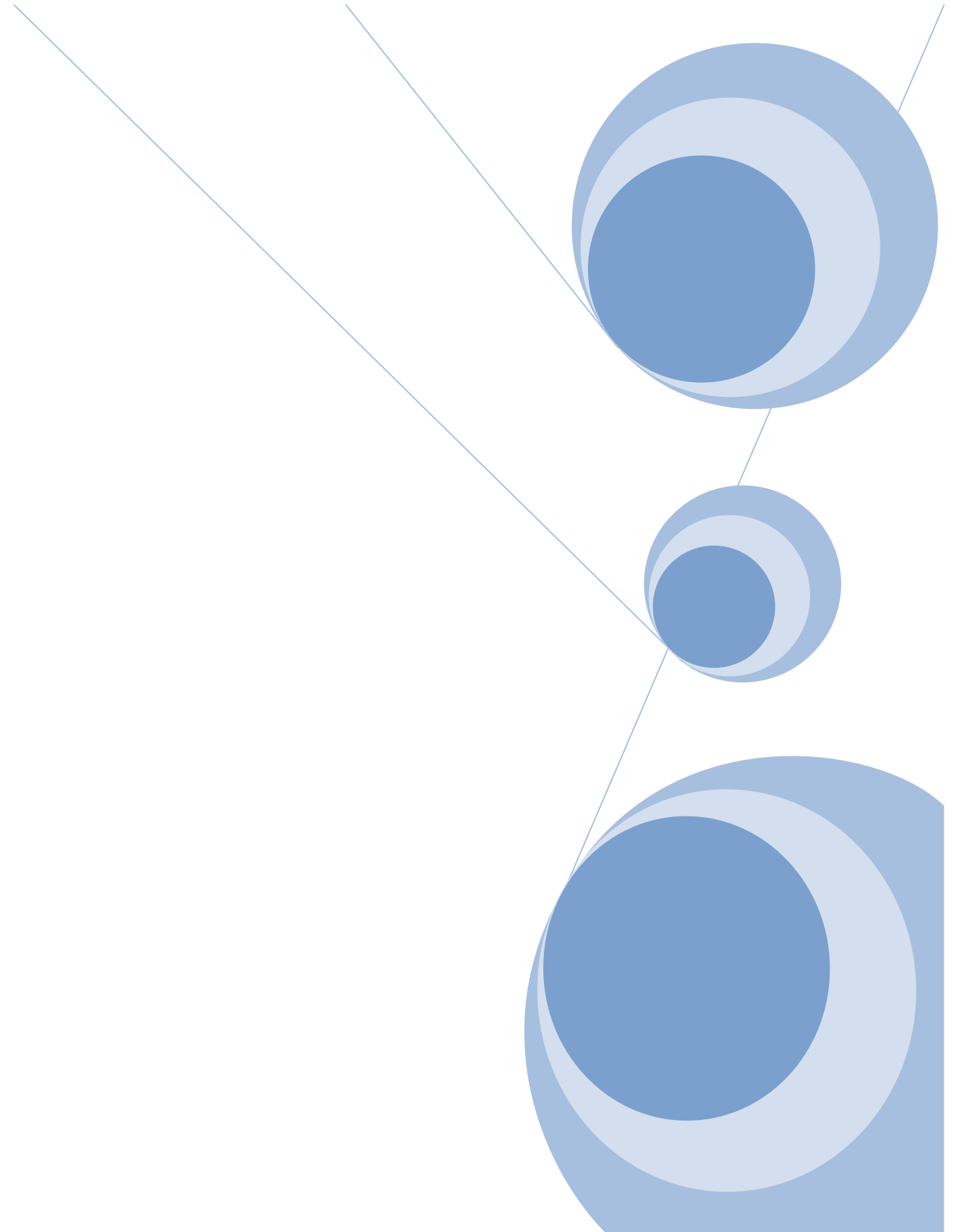


Lillian M. Lowery, Ed. D.
State Superintendent of Schools

Charlene M. Dukes, Ed.D.
President, Maryland State Board of Education

Martin O'Malley
Governor

Katharine M. Oliver
Assistant State Superintendent
Division of Career and College Readiness
Maryland State Department of Education





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Maryland State Board of Education Members



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President
Prince George's County



Mary Kay Finan
Vice President
Allegany County



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Baltimore City



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Madhu Sidhu
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Calvert County



Luisa Montero-Diaz
Montgomery County



Sayed Naved
Montgomery County



Ebehireme Inegbenebor
Student Member
New Town High School
Baltimore County



Lillian M. Lowery, Ed.D
Secretary - Treasurer of the Board
State Superintendent of Schools

Maryland Public Schools: **#1 in the Nation Five Years in a Row**

WELCOME TO THE MARYLAND STATE DEPARTMENT OF EDUCATION DIVISION OF CAREER AND COLLEGE READINESS CAREER AND TECHNOLOGY EDUCATION AWARDS OF EXCELLENCE

April 23, 2013 from 4:30 p.m. to 6:30 p.m.
The Sheraton Baltimore City Center Hotel

AGENDA

4:30 p.m.

Registration and Reception

5:30 p.m.

Awards Ceremony

Welcoming Remarks

Dr. Lillian Lowery, State Superintendent of Schools
Maryland State Department of Education

Katharine M. Oliver, Assistant State Superintendent
Division of Career and College Readiness
Maryland State Department of Education

Presentation of Awards of Excellence

Dr. Mary Kay Finan, Vice President
Maryland State Board of Education

Concluding Remarks

Katharine M. Oliver, Assistant State Superintendent
Division of Career and College Readiness

CAREER AND TECHNOLOGY EDUCATION:

OUTSTANDING BUSINESS PARTNERSHIPS - SECONDARY

Building Trades Foundation

Partnership with St. Mary's County Public Schools

OUTSTANDING BUSINESS PARTNERSHIPS - POSTSECONDARY

Maryland Live!

Partnership with Anne Arundel Community College

REACHING THE GOALS AWARD - SECONDARY

Office of Learning to Work

Baltimore City Public Schools

REACHING THE GOALS AWARD - POSTSECONDARY

College of Agriculture & Natural Resources

University of Maryland

OUTSTANDING CAREER AND TECHNOLOGY EDUCATION PROGRAM -
SECONDARY

Project Lead The Way Biomedical Sciences Program

Frederick County Career and Technology Center

OUTSTANDING CAREER AND TECHNOLOGY EDUCATION PROGRAM -
POSTSECONDARY

Nuclear Medicine Program

Frederick Community College

OUTSTANDING CHANGE AGENT - SECONDARY

Fire & Rescue Academy Advisory Board

Washington County Public Schools

OUTSTANDING CHANGE AGENT - POSTSECONDARY

Dr. Amy Gumaer

Grants Manager, Business Development and Grants
Montgomery College

OUTSTANDING CTSO PARTNER AND BOARD MEMBER

Dennis Peaton

Maryland SkillsUSA

OUTSTANDING CAREER TECHNOLOGY STUDENT ORGANIZATION

FFA, Northern Garrett High School

Garrett County Public Schools

DISTINGUISHED SERVICE - SECONDARY

Marjorie Lohnes

Supervisor of Career and Technology Education
Carroll County Public Schools

DISTINGUISHED SERVICE – POSTSECONDARY

Deborah Mercado

Director, Office of Sponsored Programs
Anne Arundel Community College

EDUCATING TOMORROW'S WORKFORCE TODAY

SPECIAL RECOGNITION FOR

LOCAL CTE RETIREES

KARL W. BEHRINGER

37 YEARS OF SERVICE

Anne Arundel County Public Schools

DEBORAH M. BITTINGER

39 YEARS OF SERVICE

Allegany County Public Schools

LAVERNE PITTS

40 YEARS OF SERVICE

Harford County Public Schools

WEBSTER L. DORSEY

41 YEARS OF SERVICE

Anne Arundel County Public Schools

SPECIAL THANKS

2013 MSDE/CTE AWARDS COMMITTEE

Patricia Mikos, Awards Committee Chair, CTE Student and Assessment Services Branch

Nancy Hauswald, CTE Systems Branch

Miranda Hill-Okojie, CTE Student and Assessment Services Branch

Nina Roa, CTE Instructional Branch

Mary O'Connor, Governor's Workforce Investment Board

The following persons also contributed to this event:

Carole Abel, Mike Beck, Cole Bishop, George Comegys,

Matt Koerner, Terence Mayo, Bridgette Sloan, Chuck Wallace
and

Student Officer Escorts:

MD FBLA — ***Colby Poffenberger, Carly Yost***

MD FFA — ***Chad Hamilton, Victoria Robinson, Amber Hill, Scott DeBaugh***

MD SkillsUSA — ***C.J. Dvorak, Carlee Barrett***

Flowers provided by:

Ms. Terry Adkins

and the students of

South Carroll High School FFA

Carroll County Public Schools

Photographer:

Richard Lippenholz

Program designed by **Miranda Hill-Okojie**

PowerPoint Presentations by **Miranda Hill-Okojie and Matt Koerner**



DISTINGUISH SERVICE AWARD - POSTSECONDARY

DEBORAH MERCADO

Anne Arundel Community College

Deborah Mercado, Assistant Director of Sponsored Programs at Anne Arundel Community College (AACC) is an outstanding individual who has demonstrated a high level of leadership, vision, and achievement in CTE. Since 2005, Deborah has been actively involved in improving CTE programs not only at the community college level, but has been influential in shaping CTE statewide.

For example, Deborah served on the statewide workgroup to develop the *Maryland Career and Technology Education Transition Year State Plan* and continued the following year with the development of the *Maryland CTE Five-Year Plan*. Deborah further served on the specialized workgroups for the development of local plans, monitoring, and data collection and reporting.

Deborah also facilitated a system-wide improvement of student information systems and reporting of CTE data for AACC. One example of her efforts to increasing data quality is the creation of new reporting fields for every student to capture whether or not a student has earned industry certification related to their program of study. Her successful process has served as a model for other Maryland colleges.

Deborah's leadership qualities, her willingness to always be of assistance, her on-task attitude and her meticulous attention to doing excellent, high quality work, have made it natural for her to partner with others for the improvement of career and technology education programs. A true professional and a highly competent leader, Deborah is well deserving of this honor, recognizing her for the distinguished service she has provided throughout her work with CTE.



OUTSTANDING BUSINESS PARTNERSHIPS — SECONDARY

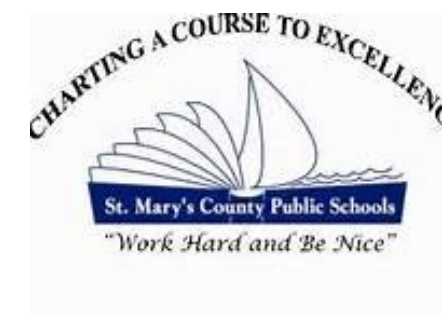
BUILDING TRADES FOUNDATION

Partnership with St. Mary's County Public Schools

The St. Mary's County Building Trades Foundation has a long history of supporting CTE students. The foundation was established in 1986, and for years students worked on homes, which were generally built and sold every two years. The last *student-built* home was in 2001. In 2012, the Building Trades Foundation's professional builders and contractors partnered with the Forrest Center's educators to once again complete a *student-built* house.

As a result of this partnership, more than 140 students in the Carpentry, Electrical, Masonry and Horticulture programs have the benefit of an intense work-based learning experience to reinforce and extend the classroom instruction. The opportunity for students to learn about all aspects of the construction industry, while developing advanced technical skills cannot be understated. The current project is a 2,600 square foot home with 4 bedrooms, a 2-car garage and a wrap-around deck!

Because of the Foundation's support and advocacy, St. Mary's County Public Schools is expanding CTE programs and opportunities for students. This outstanding initiative would not be possible without the Building Trades Foundation's support and commitment.





Rob Norton
President & General Manager

OUTSTANDING BUSINESS PARTNERSHIPS — POSTSECONDARY

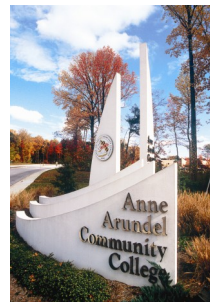
MARYLAND LIVE!

Partnership with Anne Arundel Community College

Anne Arundel Community College partnered with Maryland Live! in 2012 to meet the growing industry needs for trained and motivated workers in the new casino industry in Maryland. Although this partnership covers many areas of business, one particular area of focus has been with the college's *Hotel Culinary Arts and Tourism Institute* (HCAT). Culinary Arts and Tourism students reap the benefits of this partnership in many ways -- through curriculum enhancements, work-based learning opportunities and scholarships.

For example, students enrolled in a *Purchasing and Cost Controls* course, worked side by side with representatives from the casino culinary management team. Instead of using standard textbook examples, the course curriculum was adapted to allow students to develop, test, and cost recipes from a variety of international cuisines. These types of opportunities allow students to learn and practice critical leadership skills as well as expand their professional networks.

To enable HCAT students to pursue their passion for culinary arts and hospitality, Maryland Live! Casino also established a \$21,000 scholarship for HCAT. This endowed scholarship will continue to make a difference for HCAT students as they move through their academic pathway.



DISTINGUISH SERVICE AWARD - SECONDARY

MARJORIE LOHNES
Carroll County Public Schools

Marjorie Lohnes has served as the Supervisor of CTE for Carroll County Public Schools for more than twenty years. Under her leadership, Carroll County has implemented many rigorous programs of study including the Academy of Health Professions, Project Lead the Way Engineering and Biomedical Sciences, Pro Start, American Culinary Federation, Teacher Academy of Maryland, Academy of Finance, and Curriculum for Agricultural Science Education. These programs provide students cutting edge career and technology education.

The quality of these programs is also worthy of national recognition. For example, Carroll County Public Schools has two of the sixteen National Model Schools for Project Lead the Way. Furthermore, under her leadership the Manufacturing and Machine Technologies Program was the first NIMS accredited facility in the state of Maryland providing students the added benefit of a national certification.

Marjorie has made -- and continues to make -- significant contributions to many state-level initiatives. For example, she was a member of the Governor's P-20 Leadership Council of Maryland CTE Task Force and is currently on the Mid-Maryland Workforce Investment Board.

During her tenure Marjorie has established and continues to build many partnerships that provide industry insight to maintain cutting-edge programs and meet current industry needs. These partnerships provide quality internships for CTE students and bring the business community into schools to promote career connections at all levels. Marjorie has provided the leadership and service to build one of the best CTE programs in the #1 CTE State in the nation.





OUTSTANDING CAREER TECHNOLOGY STUDENT ORGANIZATION

FFA
NORTHERN GARRETT HIGH SCHOOL

Garrett County Public Schools

As a student-led organization, all FFA chapters develop a program of activities to accomplish goals related to: Chapter Development, Community Development, and Member Development. The Northern Garrett FFA has a vice president for each one of these committees in addition to chapter activities at the regional, state and national levels. One hundred percent (100%) of the FFA membership is active in the process with many members serving on more than one committee.

The FFA motto is “Learning to Do, Doing to Learn, Earning to Live, Living to Serve.” The Northern Garrett Chapter passionately embraces the last passage, “Living to Serve.” Annually, this chapter conducts numerous community service projects which benefit many groups. For example, the FFA chapter organized and operated a local Farmers Market beside an assisted living center to provide senior citizens an opportunity to shop and socialize without the need for travel.

One of the greatest indicators of this chapter’s willingness to serve is the awarding of the National FFA/USDA-Rural Development Living to Serve Grants. Through this grant, FFA members designed and constructed the Timothy Umbel Environmental Education Trail. The chapter laid out the 125 mile trail, designed and constructed a foot bridge, and spread 32 tons of gravel. Five outdoor classrooms were established that represent woodlands, wetlands, forest/agriculture interactions, bird habitat, and forest floor.

The Northern Garrett FFA and its members have also garnered an impressive list of awards at the state and national level. Over the past four years, members have placed in the top 3 in numerous competitions and the Chapter has 15 members with a State FFA Degree, and 7 members with an American FFA Degree.



REACHING THE GOALS AWARD — SECONDARY

OFFICE OF LEARNING TO WORK

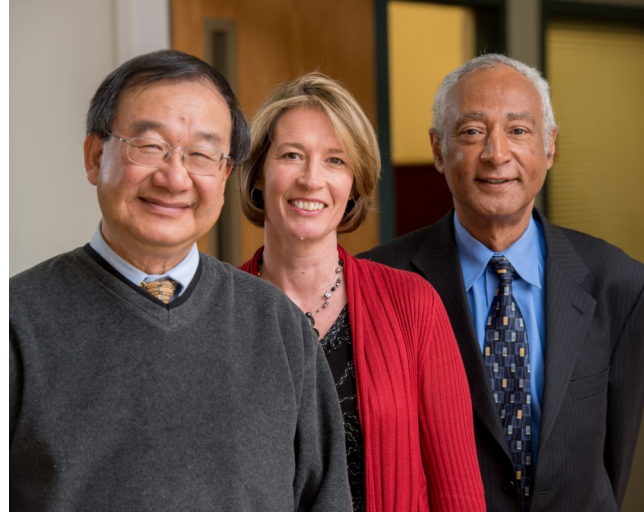
Baltimore City Public Schools

Implementing new CTE programs, expanding business partnerships and creating new opportunities for CTE students requires a team effort. The Baltimore City Public School’s Office of Learning to Work has accomplished many of these goals. In the past 5 years, Baltimore City Schools has introduced more than 20 new State CTE Programs of Study, including Biomedical Sciences, Homeland Security, and Interactive Media Production, just to name a few. As a result, CTE enrollment has nearly doubled over the past five years, from 4,296 to 8,180.

Students in these programs are also given the opportunity to earn early college credit and/or industry certification. In 2012, nearly 300 CTE graduates earned industry certification through their CTE program, including those in areas related to IT Networking, Graphic Arts, Health Professions, and Construction Trades. School leaders, teachers and business partners are working together to align technical standards to industry requirements and putting in place assessment centers as well as support for students attempting to earn industry certification.

The Office of Learning to Work, with their business and college partners, are creating more opportunities and support for students transitioning to college and careers. More students have work-based learning opportunities, participate in CTSOs, and are enrolling in college. Another example of this team’s effort to support CTE students includes the expansion of scholarships for graduates, with the highest number through partners in the Health Professions and Biomedical Sciences programs.





Dr. Cheng-I Wei, Dean, College of Agriculture & Natural Resources

Glori Hyman, Director, Institute of Applied Agriculture

Dr. Leon Slaughter, Associate Dean for the Office of Academic Programs

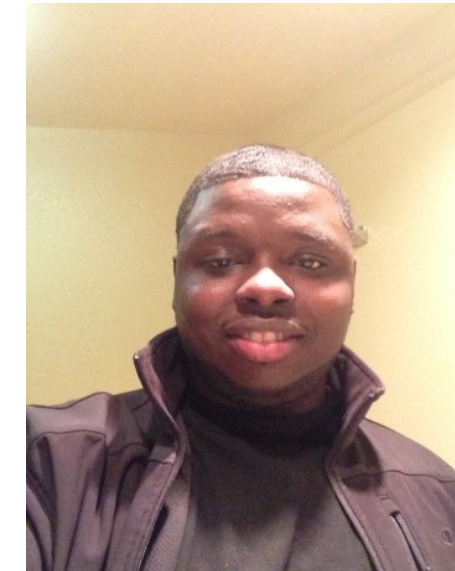
(pictured left to right)

REACHING THE GOALS AWARD — POSTSECONDARY
COLLEGE OF AGRICULTURE & NATURAL RESOURCES
University of Maryland College Park

New CTE programs require the development of new instructional resources, on-going professional development and alignment of standards for college and career success. As a *CTE Program Affiliate*, the College of Agriculture and Natural Resources team at the University of Maryland, is helping us Reach the Goal for all students in the CASE program. The Curriculum for Agricultural Sciences Education (CASE) prepares students for careers in agricultural sciences and provides the opportunity to earn college credit while in high school.

As a result of this team, 21 new CASE programs are offered throughout Maryland – with three (3) more expected to open in the next school year. This summer, this team will host 20 CASE teachers in a two-week institute on agricultural science and natural resources to support student success. Faculty from the Institute also support Environmental, Agricultural, and Natural Resources students across the state through FFA events.

Graduates of the CASE program will be prepared for college and career success, and most importantly for Maryland, where they will have the opportunity to earn early college credit through the Institute of Applied Agriculture.



OUTSTANDING CTSO PARTNER AND BOARD MEMBER

DENNIS PEATON
Maryland SkillsUSA

Dennis Peaton began his association with Maryland SkillsUSA as a student at Carver High School in Baltimore City. As a CTE student in Carpentry, Dennis competed at both the state and national level. After graduation from high school, Dennis assisted at regional and state events as an alumni member, and worked to expand alumni membership as the SkillsUSA Alumni Coordinator.

Dennis continues to support local and state activities and is a Business and Industry Partner on the SkillsUSA Board. Although he has a full-time job at Wakefern Food Corporation, and is working on his business degree, Dennis always makes time for SkillsUSA chapters. Just this past year, Dennis has provided assistance to numerous chapters, assisted the State Director, and worked with four regional conferences to ensure success, especially regarding the use of new on-line registration and scoring tools.

As a Board member, Dennis took the lead on introducing national on-line registration and scoring systems in Maryland. In fact, Maryland was the first state to use the National SkillsUSA on-line scoring system in a state conference. The migration to on-line registration systems for regional, state and national competitions help chapters manage student competitions. These on-line systems also help the state and national office ensure accurate recording of scores and timely feedback to participants. Maryland SkillsUSA is thankful for his leadership and assistance in this area.





OUTSTANDING CHANGE AGENT - POSTSECONDARY

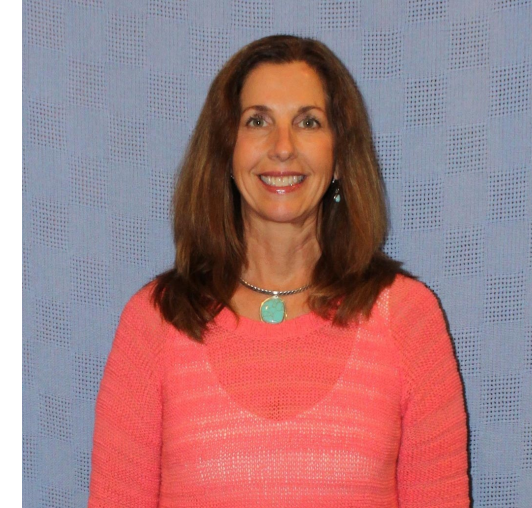
AMY GUMAER

Montgomery College

In her position with Montgomery College, Dr. Amy Gumaer, is responsible for developing the CTE Plan for Program Improvement. To keep CTE programs current and to continuously improve results, Amy works to identify best practices and for ways to enhance data-driven decision-making. She works with faculty and staff from all departments to improve CTE programs, improve data collection, and share best practices.

Amy took special interest in the CTE performance measure that relates to student attainment of an industry-recognized credential. Industry certification gives students a competitive advantage as they advance in their careers. Identifying and providing the opportunity for students to earn appropriate industry-recognized certifications requires unique options for each program area. Amy has convened a state-wide group of college administrators and institutional researchers to address the challenges associated with the administration of assessments and collection of information regarding student outcomes.

Amy did not limit her efforts to Montgomery college, she also reached out to other colleges to find out where they were having success and learn about their strategies. She was very thorough in her approach, always with an eye toward improvement and upgrades to CTE programs, as well as a commitment to accurate data submissions. The initial meeting in August 2012 had 25 people in attendance from 10 colleges. The group has continued to meet and has expanded to 34 attendees from 13 colleges.



Kathy Koops

Biomedical Teacher

OUTSTANDING CTE PROGRAM - SECONDARY

PROJECT LEAD THE WAY BIOMEDICAL SCIENCES PROGRAM

Frederick County Public Schools

The Project Lead the Way Biomedical Science program at the Frederick Career and Technology Center (CTC) provides an innovative, rigorous curriculum that stimulates critical thinking. With the benefit of an outstanding teacher, Kathy Koops, these Biomedical Science students acquire a skill-set that is well-rounded, including basic laboratory techniques, experimental planning and execution, hypothesis testing with actual research, as well as presentation of research projects. They perform diagnostic labs similar to those carried out in a hospital laboratory to confirm their conclusions about medical diagnoses.

The program advisory committee includes health care professionals, scientists from Fort Detrick's National Cancer Institute and USAMRIID, as well as professors from several colleges and universities. Advisory committee members assist with skill development, serve as guest speakers, participate in evaluations of student projects, and promote the Biomedical Science program.

As a result, Frederick CTC Biomedical Science students have been invited to showcase their projects at the National Innovation Summit in Washington, D.C. and participate in the USA Science and Engineering Festival on the National Mall. Students from the program have also received recognition from the Women of Tomorrow Awards in 2011 and in 2012.





Michele Tertel
Program Manager

**OUTSTANDING CTE PROGRAM - POSTSECONDARY
NUCLEAR MEDICINE PROGRAM**
Frederick Community College

Frederick Community College (FCC) offers both an Associate of Arts and Sciences (AAS) and a Certificate in Nuclear Medicine Technology. Both program pathways lead students to board certification and employment as Nuclear Medicine Technologists. Graduates will be prepared to perform procedures to assist physicians in the diagnosis and treatment of patients using highly specialized imaging equipment.

The FCC program combines scientific research techniques with hands-on applications in clinical settings to ensure graduates are prepared for employment and /or advanced study in health systems. Upon completion, graduates are eligible for the Nuclear Medicine Technology certification exam. Under the direction and support of a strong program advisory board and Michele Tertel, the Nuclear Medicine program has exemplary outcomes. In the class of 2012, all graduates – 100% -- passed the certification and 83% of graduates were employed in the quarter following graduation. Also, in the class of 2012, eight (8) graduates continued their studies in higher education.

Employment opportunities are expected to grow in this field, with the average starting salary around \$60,000. These high-skill / high-wage careers are increasing in Maryland and CTE programs like the Nuclear Medicine Program at FCC are the key to the success of our students and of Maryland's economy.



**OUTSTANDING CHANGE AGENT - SECONDARY
FIRE & RESCUE ACADEMY ADVISORY BOARD**
Washington County Public Schools

The Washington County Fire and Rescue Academy Advisory Board is actively engaged in supporting students and working with instructors to enhance the program. In the past year, faced with changing staff, declining enrollment, and discipline issues, the president of the Washington County Fire and Rescue Association, Dale Hill, stepped in. With the assistance of his emergency services officers and Kingsley Poole, recently retired from the Maryland Fire and Rescue Institute, the Board took steps to establish a new home for the Academy and to set higher standards for Academy students.

The Board also enhanced the program through a range of work-based learning opportunities. For example, on a recent visit to Annapolis, students met with the Commander of the Maryland Fire and Rescue Training facility and toured the University of Maryland Shock Trauma Center. In the past year, all cadets passed the Firefighter I exam. Since their recent certifications, they are giving back to their community as active firefighters. Recently while attending training at local companies the cadet group participated in two multi-alarm fires by providing relief to firefighters at the scene.

The recent resurgence of the Washington County Public Schools Fire and Rescue Academy can be directly attributed to the interest and intervention efforts of the advisory board leadership and members.

