



Developing Great Student Leaders **One Student and One**  
Program At A Time...

**Career & Technical Education – A Great Resource.**

**Summer Conference 2013**  
**“A Celebration of Student Accomplishments”**

*Business Education, Cosmetology, Aerospace Engineering, Robotics, Television Production,  
JROTC, Family & Consumer Sciences, Health Sciences, Agri-Construction,  
Automotive Services and Agri-Science.*

[www.maconk12.org](http://www.maconk12.org)



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## **Macon County Schools**

The Macon County School District is located in Tuskegee, AL and includes seven schools that serve nearly 2,800 students in grades PK through 12. The school district is governed by the Superintendent of Education and five board members. The school district is surrounded by numerous resources to include Tuskegee University, the Tuskegee Airmen Museum, the Tuskegee National Forest, the birthplace of Rosa Parks, and the Tuskegee Multicultural Center.

The Macon County School District is committed to academic excellence and spends \$8,299 per pupil in current expenditures. The district spends 53% on instruction, 39% on support services, and 8% on other elementary and secondary expenditures.

The Macon County School District has 15 students for every full-time equivalent teacher, with the AL state average being 18 students per full-time equivalent teacher.

The Macon County School District is proud to have a high school graduation rate of over 90%. Several stellar programs support the attainment of a positive graduation rate: The Second Chance Program, Credit Recovery, Course Recovery, and the Star Academy.

In the Macon County School District, 12% of students have an IEP (Individualized Education Program). An IEP is a written plan for students eligible for special needs services. Gifted services are provided through consultative services.

### **It's Vision.....**

Every student from the Macon County School System will graduate from high school and pursue a choice for success (military, college, and entrepreneurship, job readiness) to further their interests, careers, and reach their goals.

### **It's Mission.....**

The Macon County Public School System exists to provide a fair and appropriate education for all students in Macon County. We affirm five areas (goals) as a means of doing so: High student achievement, safe and secure learning environment, professional work force, partnerships, and effective use of district funds.



Dr. Lelia W. Frank, Ed.D.  
**Education Director**  
**Federal and Career and Technical Education Programs**  
**Macon County Public School System**  
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**Accomplishments:**

Dr. Frank has been the Career and Technical Education (CTE) Director for a total of 12 years and an educator for more than 25 years. Under her leadership, the Macon County Career and Technical Education Center was opened in August 2013 which included Automotive Servicing and Animal Science as new programs. Signed articulation agreements with both H. Councill Trenholm State Technical College and Southern Union Community College have been strengthened under Dr. Frank's guidance. She has held the position of Director, Federal Programs since July 2012, while maintaining the position Director, Career and Technical Education. In the past she has held the position of Coordinator of CTE. In the past two years, the CTE Programs of Macon County have expanded to include both Robotics/Engineering and Health Science Education Programs. Health Science is being implemented as a result of Region VIII Workforce data and Kuder 'Navigation' surveys.

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**Dr. Melvin Alonza Lowe, III, Ed.D.**  
**Education Coordinator / Workforce Development Administrator**  
**Career & Technical Education Programs**  
**Macon County Public School System**  
[lowema@maconk12.org](mailto:lowema@maconk12.org)

*Bachelor's Degree, B.S.* – Elementary Education (Alabama State University)  
*Master's Degree, M.Ed.* – Administration & Supervision (Alabama State University)  
*Educational Specialist Degree, Ed.S.* –  
Educational Administration & Supervision (Alabama State University)  
*Education Doctorate Degree, Ed.D.* – Educational Leadership w/ Specializations in Special  
Education Adm. & Edu. Technology (Nova Southeastern University)  
Post Doctoral Studies (ITDE) Instructional Technology and Distance Education)  
Masters Degree, M.S. Fall 2012 – Present (Nova Southeastern University)  
Certifications; Class B, A, AA / w/Research Documents (Thesis/Dissertations)

After accepting this career appointment and with a little over a decade of P-12 experience I chose first to survey the instructional programs and outcomes of the students in Macon County relative to Career & Technical Education. From my analysis I determined that there was a need to stabilize the student's career clusters, and that there was a need to offer more opportunities for growth and development within these career paths to include adding new programs. In short, there was a need to provide extensive professional development opportunities for staff.

My past educational experiences have been Classroom Teacher, Reading Coach, Tutor Teacher, Asst. Band Director, Gifted Educator, Asst. Principal for Curriculum & Instruction, and School Improvement Specialist for Academic Improvement Programs. I have also served as an Adjunct

Instructor, and Guest Presenter at Faulkner University and Alabama State University 2006-2009. Lastly, I have written educational grants in excess of \$350,000.00 per an academic year.

**Accomplishments:**

For the academic year 2012/2013 three of our service programs received a renewed BIC (Business Industry Certification) without recommendations. They were: Business Education – Booker T. Washington High School, Cosmetology – Career and Technical Education Center, and Business Technology – Tuskegee Institute Middle School.

We also made great efforts towards securing program readiness for our Automotive Services Technology program to become NATEF Certified for the academic year 2013/2014. Our site visit is scheduled for early September 2013.

We were able to successfully dual enrollment 26 high school students at Trenholm State Technical College for Summer Classes 2013. This was the first ever of this type of STEM (Science, Technology, Engineering, and Mathematics) Initiative and Collaboration. As a continuation, we have 42 dual enrollment high school students at Trenholm State Technical College for the Fall 2013 academic year.

Our programs also expanded in terms of global readiness opportunities by offering a **WIA (Workforce Improvement Act) Program** for eligible participants. The CTE Staff has worked all year to qualify students for this program. Participants will benefit from the many areas of this program: *EverFI Financial Literacy, Math/Reading Tutorials, Career Counseling, Drop by Drop, Harassment Is, Safety Orientation, and Workplace Behaviors*. All of the curriculum components are offered to each program participant. This is an ADECA Grant Award Initiative.

Up and coming is a New Health Sciences Program which will join our existing programs. We are so pleased to be able to meet the needs projected from our workforce data. This program will prepare students for careers in Allied Health.

Lastly, we will now be able to offer students in our school system's CTC program Career Coaching services. We will be afforded the support of personnel assigned to our county who will work towards improving the affective domain needs of our students within their areas of chosen interest.

As you can see we are doing great things in the Macon County Public School System. Our teachers are dedicated to the mission of educating students. Please take a look at all that we offer on a daily basis. I am sure you will be amazed at what 9 programs, 12 educators, 4 locations, and 2 administrators are able to do in this community.

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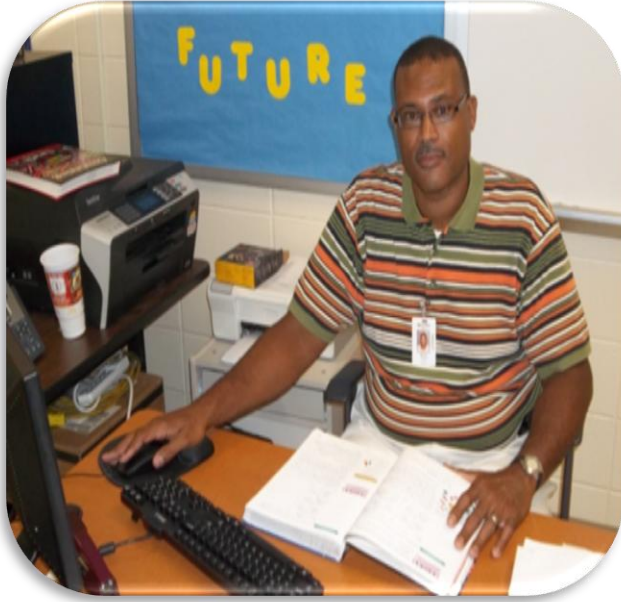
Mrs. Marilyn Renfroe, M.Ed.  
**Business/Marketing Education**  
**Future Business Leaders of America Advisor**  
**Booker T. Washington High School**  
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*Bachelor's Degree, B.S. – Business Management (Tuskegee (Institute) University)*  
*Alabama Teachers' Certification – Business Education (Alabama State University)*  
*Master's Degree, M.Ed. – Business Education (Troy University)*  
*Certifications; Class B, A*  
*Business Industry Certified (BIC)*

**Accomplishments:**

The Business Education Department had a successful academic school year for 2012 – 2013. The year started off with a bang! Our Future Business Leaders of America (FBLA) officers attended the Annual Alabama Leadership and Development Conference in Birmingham, Alabama September 2012. Throughout the school year Business Education students and FBLA members attended various events locally. In April 2013 our students attended an Entrepreneurship Conference at Tuskegee University. Our annual “Donate-a-Book” project was also a big success! Keeping with the spirit of giving, our Business Education students donated new books for every student enrolled in George Washington Carver Schools’ Kindergarten. This was done to encourage continued reading during the holidays. Furthermore, within the past two years the Business Education Program has certified over 100 students in the EverFi Financial Literacy Online Program. A one-thousand dollar Scholarship was awarded to a Business Education student who plans to major in Business this year. Business Education is on the move in the Macon County Public School System.





Mr. William Charles Turner, M.Ed.  
**Business/Marketing Education/Cooperative Education**  
**Future Business Leaders of America Advisor**  
**Macon County Career and Technical Education Center**  
**Macon County Public Schools**  
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*Bachelor's Degree, B.S. – Finance (Alabama State University)*

*Master's Degree, M.S. – International Business & Trade (Grambling State University)*

*Master's Degree, M.Ed. – Business Education (Auburn University)*

*Certifications; Class B, A*

*Business Industry Certified (BIC)*

**Accomplishments:**

This was a busy year for business education specifically at the Macon County Career and Technical Education Center. We were honored to be a part of the State's Roll-Out for the Microsoft IT Academy. This gave us the opportunity to credential our students with the Microsoft Office Specialist Credential. This was a progressed and challenging demand which we met head on with enthusiasm. This was also an expanded learning experience with a lot of trial and error opportunities for our students. We look forward towards the New Year to build upon what we learned from last year. We also had eight students for the first ever to time receive their Alabama Career Readiness Certificates at the Gold Level; what an accomplishment. We look forward to more successes and accomplishments in the coming new school year.





Ms. March Knight, M.S.

**Computer Essentials**

**Future Business Leaders of America Advisor**

**Tuskegee Institute Middle School**

**Macon County Public Schools**

[knightm@maconk12.org](mailto:knightm@maconk12.org)

*Bachelor's Degree, B.S. - Business Education (Alabama State University)*

*Master's Degree, M.S. - Curriculum and Instruction/Instructional Technology  
(University of Phoenix)*

*Business Industry Certified (BIC)*

**Accomplishments:**

Currently, I have been employed with the Macon County Public School System for almost seven years. Teaching truly is my passion. I have the pleasure of instructing students on the middle school level in the area of computer technology. My favorite poem "Why I Teach" by Marva Collins can characterize the feelings I have for educating students. And I quote: "I teach because I am there when the first breath of knowledge comes shining through, and I then, too, can catch that breath of fulfillment that comes from knowing that I was a small part of that breath of revitalization." My goal is to impact young students lives by being a good role model and guiding them through their education processes.

On this year, we will begin the discovery of Pre-Robotics and Engineering Concepts within my classes. Based on student input from last year; this is where their interest rest. I had students who attended the JLDC Conference Birmingham on last year. They had the opportunity to mingle with students from other school schools and systems which greatly impacted their learning expectations of themselves and their expectations of me. The students in Macon County are great in all that they choose to do.



Mr. James Lucas, B.S.  
**Business/Marketing Education**  
**Future Business Leaders of America Advisor**  
**Career Technical Education Programs**  
**Notasulga High School**  
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*Bachelor's Degree, B.S. – Resource Management (Troy State University)*  
*Certification – Class B*  
*Business Industry Certified (BIC)*

I am the Business/Marketing teacher at Notasulga High School. I am entering my sixth year as an educator in the Macon County Public School System. I am responsible for teaching the Middle and High School students about Real-World opportunities in the Entry-Level, Management and Corporate level workforce.

**Accomplishments:**

I have been able to successfully recommend over 15 of my Football Players to the WIA – Workforce Program in Macon County. Many of these athletes have expressed an interest in becoming business owners after college graduation. Additionally, I have recommended 10 students for dual enrollment at Trenholm State Technical College to major in Business. Students in Macon County are really thinking about their career and are taking advantage of their expanded learning resources.



Mrs. Cynthia Brown, A.A. Licensed Master Cosmetologist

**Cosmetology**

**Skills USA Advisor**

**Macon County Career and Technical Education Center**

**Macon County Public Schools**

[browncy@maconk12.org](mailto:browncy@maconk12.org)

*A.A. Associated of Arts Degree John Patterson Technical College (Montgomery, Alabama)*

*Bachelor's Degree, B.S. (Ranking) w/ Teachers Certification –*

*Vocational Education (Auburn University)*

*Business Industry Certified (BIC)*

**Accomplishments:**

It was an event filled year for my students in the Cosmetology Department at the Macon County Career and Technical Education Center. The students were able to perform free manicures, pedicures and offer hair care services to senior citizens. This event was sponsored by the St. Mark Baptist Church Seniors Program. Cosmetology students also performed hair and make-up services for the student actors who performed in a play at Booker T. Washington High School in Tuskegee, AL (i.e.) their Drama Department. Students traveled to the Annual Bronner Brothers Hair Show in Atlanta, Georgia where several of the students participated as platform models. To close out the school year, the Cosmetology Department performed a Black Girl Rock Skit where they portrayed three influential black women in the Macon County area. During this presentation, the Cosmetology Department was given a \$500.00 honorarium from Dr. Elaine Harrington in honor of the late: Mrs. Yvonne Redd, a former Cosmetologist, Co-worker, and volunteer. Student's also performed volunteer services during Breast Cancer Awareness month to the community and for breast cancer survivors. The students in Macon County learn from the best; yet aspiring to be the best.



Mr. Tracy Stacy, Ed.S.

**Agriscience Education**

**FFA Advisor**

**Macon County Career and Technical Education Center**

**Macon County Public Schools**

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*Bachelor's Degree, B.S.* – Secondary Ed. AgriBusiness Education (Alabama A & M University)

*Master's Degree, M.S.* – Secondary Ed. Agriscience Education (Alabama A & M University)

*Educational Specialist Degree, Ed.S* – General Education Agriscience  
(Alabama A & M University)

Certifications; Class B, A, AA

**Accomplishments:**

For the academic year 2012/2013 the Agriscience program offered AgriConstruction and Welding Technology classes. The Agriscience Department and FFA Organization participated in leadership workshops, working with the local 4-H club, various community projects and activities. Students had an opportunity to visit technical schools, colleges and universities to aid in making a decision for their ongoing education goals. Students had an opportunity to explore construction and/or welding careers, completed SAE's that were relative to their career goal or interest and gained experiences with basic construction and/or welding procedures. Students also had an opportunity to gain basic CNC Laser Robotics training, CAD Design with CNC Laser and Trotec software, certificates from Today's Class online program, Hunter Education Certificates and a Completer certificate in AgriConstruction and/or Welding.

For the upcoming 2013/14 academic school year, the Agriscience program will offer Construction Framing, Construction Finishing, Introduction to Metal Fabrication and Metal Inert Gas which will include CNC Laser training and Trotec design software. Students that enroll in my class have an opportunity for dual enrollment with Trenholm State Technical College or Southern Union Community College. Upon completion of required standards, students will have an opportunity to OSHA 10HR certificates, NCCER credentialing and Completer certificates.



Mr. Michael Sims, B.S.  
**Agri-Science Education**  
**Future Farmers of America**  
**Notasulga High School**  
**Macon County Public Schools**  
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*Bachelor's Degree, B.S – Alabama A&M University*

**Accomplishments**

After graduating from Alabama A&M University and completing my military active duty obligations, I began my 30 year journey in education with the Macon County Public School System. Several students participated in the Macon County 4-H Steer Judging and Competition. I have seen many former students reach success in various career fields ranging from construction, electrical, welding to livestock producers, teachers and outstanding military careers.

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**Mrs. Ronita Abney, M.Ed.**  
**Family and Consumer Sciences**  
**FCCLA Advisor**  
**Notasulga High School**  
**Macon County Public Schools**  
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*Bachelor's Degree, B.S. – Family and Consumer Sciences (Alabama A&M University)*  
*Master's Degree, M.Ed. – Family and Consumer Sciences (Alabama A&M University)*

### **Accomplishments**

During the 2013 spring semester, students in Family and Consumer Sciences had the opportunity to work with Relationship Smarts Plus. This project engaged students to write a skit regarding a topic on relationships and one that would coincide with information that had been previously taught through Relationship Smarts Plus in the classroom. The students were broken into groups and assigned a project team member to help with brainstorming. After the skit was created and parts were assigned, students were asked to “audition”. These audition tapes were then reviewed by project managers and principal investigators on the project for determination of the best suitable skit to be filmed for final production. Once we announced the chosen skit, the actors made additional efforts to edit the script to be more cohesive for a positive message to young people. They practiced for several weeks and were assisted by Mario Lightfoote, a Producer and Director in video and television for the Alabama Cooperative Extension System. This video was added to the curriculum regarding healthy and unhealthy relationships. The video provided a scenario of boundary setting in a teen relationship. The video highlights a situation where many young people find themselves when beginning to engage in romantic relationships and the power of choice. The video is called “Don’t Bet on It”. We are then able to engage the students in a discussion with several follow-up questions about the different approaches to building relationships as they have seen in the video.

###





Mr. DeAndre Crowell, M.Ed.

**Television Production**

**Skills USA**

**Booker T. Washington High School**

**Macon County Public Schools**

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*Bachelor's Degree, B.S. - Communication Radio/TV (Alabama State University)*

*Master's Degree, M.Ed. – School Counseling (Alabama State University)*

### **Accomplishments**

#### **Breaking News!!**

The academic school year of 2012-2013 was a major success for the TV Production Program. We were able to get students involved in a variety of events locally and around the state. Students at Booker T. Washington High School helped to create and produce a video for competition on how they achieved excellence in their school. The project was a success for both the students and the program. We also had three students that were awarded scholarships to attend Full Sail University in Orlando, FL to pursue their careers in production and animation graphics. Many students chose to stay closer to home and attend school. Several of our future journalists and broadcasters will be attending Alabama State University and Alabama A&M University in hopes of getting their big break in the spotlight. As you can see, we are soaring high in TV Production. Stay tuned in for more!!!

###





**Mr. Christopher Clark, A.A., ASE Certified  
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*Associate of Arts Degree, A.A. - Auto Mechanics (Southern Union Community College)  
ASE Certified- Suspension and Steering, Brakes, Electrical/Electronic Systems, Heating and Air  
Conditioning, Engine Performance*

### **Accomplishments**

With 22 years of experience in the automotive services industry, 13 of those years as owner of Calloway Automotive becoming a teacher was an eye opening and challenging experience. Even though I have 22 years of experience, I had zero experience teaching and growing young, energetic minds. The school year ended successfully as we moved towards getting the Automotive Services program fully certified through NATEF. We have received application approval and are awaiting a final site evaluation which will happen in the coming school year. Even though the tasks have been daunting, the rewards will be beneficial to our school system and most importantly the students that matriculate through the Automotive Services Technology Program.

###



LTC (Retired) Dr. Chipman L. Flowers, Ph.D.

**JROTC**

**Booker T. Washington High School**

**Macon County Public Schools**

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*Bachelor's Degree, B.S. – Agricultural Education (Tuskegee University)*

*Master's Degree, M.A. – Education (Pepperdine University)*

*Doctorate Degree, Ph.D. – Education Administration and Leadership (Auburn University)*

### **Accomplishments**

LTC (Retired) Chipman L. Flowers graduated from Tuskegee Institute with a BS in Agricultural Education. He received a MA in Education from Pepperdine University. In addition, he attended Auburn University (Main Campus) and obtained a Doctorate in Education Degree In Administration and Leadership. He served 24 years of active duty in the United States Army.

Currently, he serves as the Senior Army Instructor at Booker T. Washington High School, where the JROTC Dept. has received the highest award (Honor Unit with Distinction) for 19 of 20 years. He is married to the former Carrie Jean Johnson and has two children.

###



# Photos





## Notice of Non-Discrimination

The Macon County School System offers the following career and technical education programs for all students in grades 7-12. The Macon County Board of Education does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups as required by Title VI ABD, Title VII of the 1964 Civil Rights Act, Title IX of the 1972 Educational Amendments, Section 504 of the Federal Rehabilitation Act of 1973, and the Americans with Disabilities Act (ADA). Inquiries regarding compliance with Title VI, Title IX, and Section 504 and ADA may be directed to the Human Resources Director:

Ms. Melisa T. Williams, Director Human Resources

Macon County Board of Education

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