

**Georgia's Quarterly Status Report**  
**Nontraditional Core Indicators 6S1 & 6S2 Improvement Plan**  
**March 2013**

This status report responds to the grant condition identified in Georgia's July 1, 2012 Carl D. Perkins Career and Technical Education Act of 2006 Grant Award Notification (GAN). The condition requires Georgia to submit a quarterly status report on the State's progress in meeting the action steps in the program improvement plan and demonstrate that Georgia will fully implement its program improvement plan this year for each core indicator that Georgia did not meet by at least 90 percent for three consecutive years. The core indicators at issue include indicator 6S1 – Secondary Nontraditional Participation, and indicator 6S2 – Secondary Nontraditional Completion. This report responds to all four discussions questions required in the July 1, 2012 GAN.

As indicator 6S1 and 6S2 are so integrally tied together, Georgia's improvement activities identified herein address the steps being implemented to increase Georgia's level of performance for both indicators. We will continue to address both indicators in our plan even though the State of Georgia met core indicator 6S1 in 2012.

**1.) The progress your State made in the last quarter in implementing each action step in your program improvement plan for each indicator for which your State did not meet the 90 percent threshold for three consecutive years.**

In light of Georgia's failure to meet established benchmark goals for secondary student participation and completion in career courses that are considered nontraditional for gender, in fiscal year (FY) 2012, the Georgia Department of Education, Career Technical and Agricultural Education Division devised and implemented a comprehensive program of activities specifically focused on the promotion of nontraditional training and employment in preparation for high-skill, high-wage, or high-demand occupations. This comprehensive program was implemented in addition to ongoing nontraditional activities started in FY 2010. These activities have been organized by Georgia's Program Specialist for Nontraditional Vivian Snyder and our STEM Program Specialist Gilda Lyon. However, other Program Specialists' in all of our CTE Program areas participated in the various activities promoting nontraditional across all curriculum areas.

One of Georgia's most successful activities continues to be the "Georgia STEM Institute" held in Atlanta where teachers visited STEM industries that hire large numbers of non-traditional employees i.e. CryoLife, Lockheed Martin, Genesis Labs, Cisco, MVVA Scientific, etc. An indication of the success of the institute is the waiting list of teachers to participate. The institute included training for teachers to promote recruitment of nontraditional students into STEM careers. In progress, is the Georgia STEM Festival in conjunction with the Georgia National Fair. During this three-day event students are exposed to hands-on exhibits in nontraditional pathways through engaging, hand-on activities. "Although it will be a year before Georgia will have the hard data to determine if these activities have had an impact on enrollment, based on the feedback we received, we are confident that our students and programs are benefiting.

While the Georgia Stem Institute and the Georgia STEM Festival are some of our best practices, these are just a two of the many activities implemented through state leadership in Georgia. All of the activities implemented to date, and those activities being implemented as part of the comprehensive plan are identified in the chart below.



	<ul style="list-style-type: none"> <li>Georgia STEM Institute-Institute held in Atlanta where teachers visited STEM industries that hire large numbers of nontraditional employees i.e. CryoLife, Lockheed Martin, Genesis Labs, Cisco, MVA Scientific, etc. Conducted a workshop with teachers to promote recruitment of nontraditional students into STEM careers. <b>Evaluation:</b> Sample comments from 30 Math, Science and CTE instructors: “Hands on activity---real life experience.” “Great! Really informative practical, interesting, and creative”, “Inspirational-provided ideas for instruction”</li> </ul>	Vivian Snyder & Gilda Lyon	Completed
	<ul style="list-style-type: none"> <li>US Department of Labor- Women’s Bureau- Director Paulette Lewis spoke with Georgia STEM Institute teachers in Atlanta, Ga regarding strategies for engaging females in nontraditional pathways.</li> </ul>	Vivian Snyder & Gilda Lyon	Completed
	<ul style="list-style-type: none"> <li>Women in Technology representative spoke with Georgia STEM Institute teachers in Atlanta, Ga regarding strategies for engaging females in nontraditional pathways.</li> </ul>	Vivian Snyder & Gilda Lyon	Completed
	<ul style="list-style-type: none"> <li>Georgia Department of Education STEM Coordinator conducted a counselor’s workshop at GaCTE on encouraging minorities and females in STEM fields. <b>Evaluation:</b> Sample counselor comments: “I realized I could have been an engineer but I didn’t feel comfortable in that field”; “great information”; “engaging activity-building rockets”</li> </ul>	Vivian Snyder & Gilda Lyon	Completed
	<ul style="list-style-type: none"> <li>Georgia Department of Education purchased banners highlighting nontraditional occupations in the healthcare, engineering, construction programs displayed at multiple STEM/nontraditional workshops and at CTAE conferences</li> </ul>	Vivian Snyder	Completed

	throughout the year. <b>Evaluation:</b> Healthcare instructor requested information to purchase banner for their classroom.		
August-Sept 2012	<ul style="list-style-type: none"> <li>To participate in twelve (12) Fall Drive-ins to include nontraditional fields of employment</li> </ul>	Vivian Snyder	Completed
September 2012	<ul style="list-style-type: none"> <li>Renew membership in the National Alliance for partnerships in Equity organization.</li> <li>Carl Perkins Compliance Reviews in multiple systems will call out disproportional enrollment in special populations including nontraditional fields of employment and recommend possible strategies based on local school data</li> </ul>	Vivian Snyder  Vivian Snyder	Completed  Completed
October, 2012	<ul style="list-style-type: none"> <li>Georgia STEM Festival in conjunction with the Georgia National Fair to target 9,000 Georgia students during a three-day event that exposes students to hands-on exhibits in nontraditional fields of study. We will maintain a teaching station to expose nontraditional students to STEM fields of study.</li> <li>Georgia STEM Festival in Augusta at Augusta Technical College to expose students to nontraditional pathways. 600 students and teachers will be targeted.</li> </ul>	Vivian Snyder & Gilda Lyon  Vivian Snyder & Gilda Lyon	Completed  Completed
November, 2012	<ul style="list-style-type: none"> <li>Georgia Department of Education STEM Coordinator will conduct a counselor's workshop at the Georgia Counselor's Conference on encouraging minorities and females in STEM fields.</li> </ul>	Vivian Snyder & Gilda Lyon	Incomplete because the organization denied the proposal to present
January, 2013	<ul style="list-style-type: none"> <li>Georgia STEM Summit: STEM Certified Schools will participate in an event to show successes and challenges in becoming and maintaining a STEM school. Recruitment &amp; retention of nontraditional students will be the focus of several panels and speakers.</li> </ul>	Vivian Snyder & Gilda Lyon	Included in the FY 13 CTAE Annual Professional Learning State Plan

February, 2013	<ul style="list-style-type: none"> <li>• Host a series of STEM Girls Workshops in South Georgia with STEM activities run by adult women from STEM fields.</li> <li>• Included as #2 on the draft STEM Program Certification Rubric, “Non-traditional student participation in STEM (minorities, females, and economically disadvantaged)</li> </ul>	<p>Vivian Snyder &amp; Gilda Lyon</p> <p>Gilda Lyon</p>	<p>Included in the FY 13 CTAE Annual Professional Learning State Plan Completed three workshops: Albany, Augusta, Savannah; 450 students Evaluation: Sample comment, “Needs to be longer. Learning was fun.” Done</p>
March, 2013	<ul style="list-style-type: none"> <li>• Georgia Counselors STEM Institute: Targets counselors for exposure to nontraditional student involvement in STEM fields via visits to STEM industries and schools in the Atlanta area.</li> <li>• The Skills USA Career Expo will include role models in Law Enforcement, STEM, Transportation, and Healthcare.</li> <li>• Evaluate competitive Perkins+ grants for 6S1 and 6S2</li> <li>• U.S. Environmental Protection Agency Region 4 joins the EPA Headquarters and other federal agencies in observing National Women's History Month in March 2013. “Women's History Celebration” Students majoring in STEM (science, technology, engineering, and mathematics) disciplines from local colleges and universities are invited to a roundtable discussion on STEM careers in the federal government. Employees of the Environmental Protection Agency (EPA) will discuss their career experiences and offer advice on preparing for a career in the federal government.</li> </ul>	<p>Jackie Melendez/Myrel Seigler, Gilda Lyon (will take place in June, 2013; Savannah)</p> <p>Vivian Snyder</p> <p>Vivian Snyder &amp; Brenda Barker Dr. Gilda Lyon</p>	<p>Included in the FY 13 CTAE Annual Professional Learning State Plan</p> <p>Completed; about 5,000 + students attended</p> <p>On going</p> <p>Completed</p>
April, 2013	<ul style="list-style-type: none"> <li>• Meet with STEM advisory council to evaluate nontraditional statewide</li> </ul>	<p>Vivian Snyder &amp; Gilda Lyon</p>	<p>Planned</p>

	<p>data, if available.</p> <ul style="list-style-type: none"> <li>Attend the St. Louis Mo. National STEM Forum and Expo. (May 14-17)</li> <li>To focus on enrollment data during mandated Office for Civil Rights compliance reviews and mandated Perkins compliance reviews for FY 14</li> </ul>	<p>Dr. Gilda Lyon</p> <p>Brenda Barker &amp; Regional Coordinators</p>	<p>planned</p> <p>Planned</p>
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