# Middle Georgia CS Teacher Enrichment

## Overview

### About:
Promote computer science education through teacher workshops, APCS individual support, Alice contests, and summer camps.

### Institution:
Mercer University

### Data for:
2012/13

### PI/Leader:
Laurie White and Bob Allen

### Age of Program:
5

### Location:
Macon Georgia

### School Districts:
Primarily Bibb County

## Teachers Served

<table>
<thead>
<tr>
<th>Served:</th>
<th>7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade(s):</td>
<td>3-12</td>
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</tbody>
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### Dosage:
Varies: workshops 6 hours, APCS 50 hours, Camps 20 hours.

### Characteristics
General in nature, reactive to our teachers’ needs.

## Program Budget

<table>
<thead>
<tr>
<th>Sources:</th>
<th>None *</th>
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</thead>
<tbody>
<tr>
<td>Budget:</td>
<td>$0 *</td>
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</tbody>
</table>
Learning Goals

Programming in

• Java
• Alice
• Jeroo
• Scratch
• Greenfoot
PD Structure

Full day workshop, once a semester

• Laurie White, Bob Allen, Felicia Devero
• Bibb County HS Programming Teachers coordinated by the Director of CTAE
APCS individual support

• Laurie White

• The Bibb County APCS Programming Teacher
PD Structure

Summer Camps
• Bob Allen, Felicia Devero
• Various Bibb County Teachers
Successes and Challenges

- APCS class started with 27 in its second year
- Good relations with Bibb County BOE
- Increased number of camps
- Increased Alice Contest participation
- Existing teacher preparedness
- Teachers’ workload
- “End of Pathway” exam
- Funding
Measures of Success

• We have not established any formal measures.
• Teachers keep calling.
• BOE keeps calling.
• We hear anecdotal evidence of student success.
Map of Schools in GA, in 2008, with APCS
Alice Contest Participants Spring 2013

Final Scoreboard: http://eagle.cs.mercer.edu/AliceContest/ScoreBoard14.htm
This was my first time working with Alice and I knew more experienced students would be entering on more experienced teams. I eagerly awaited the results. I got a ninety! Not only did I score high, my team scored high overall and we got third place in the competition. I scored better on my component than more experienced competitors, and I was only eight points behind the leader. I felt ecstatic! I decided right then and there that I'm a pretty good programmer. I decided to sign up for more programming classes at school.