

# The Challenge

*Come test your computer programming skills and compete with other high school students in the state for cool prizes!*

*A fun day is planned with food and social activities.*

***NEW!*** *The Alice Film Festival is a co-located event where students submit movies written in Alice. Prior to the HSPC Awards ceremony, movies from the Film Festival will be shown. Awards will be given out at the film festival in several categories.*



*2006 Contest Photos*

University of Alabama at Birmingham  
Computer & Information Sciences Department  
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115 Campbell Hall  
Birmingham, AL 35294-1170



Department of  
Computer & Information Sciences

## UAB High School Programming Challenge



All students from Alabama public and private high schools are invited to participate. Limited availability.

### Details:

Campbell Hall - UAB Campus

May 12, 2007

10:30am-4:15pm

Food, T-shirts, Cool Prizes, Fun!

*For more information:*

Phone: (205)-934-8643

Web: <http://www.cis.uab.edu/programs/hspc/>

e-mail: [hspc@cis.uab.edu](mailto:hspc@cis.uab.edu)

Non-profit Organization





## Essential Details

- The competition is open to all Alabama high school students (public, private, or home schools).
- There is an individual and team contest (see website).
- The contest will consist of 6 problems to be solved over a 3 hour period.
- Solutions to the problems must be coded in Java, C# or C++. No other languages are allowed.
- Students will compete using UAB computers hosted in our instructional labs.
- Each registered student will receive lunch, a T-shirt, and a certificate of participation.
- Details regarding the specific rules, including previous problems, can be found at the contest web site: <http://www.cis.uab.edu/programs/hspc/>

Sponsored by...



## Event Schedule

*10:30am-11:00am*

Check-in  
Collect T-shirt and Materials

*11:00am-noon*

Lunch  
Explanation of Rules

*Noon-3:00pm*

Programming Contest

*3:00pm-4:00pm*

Grading  
Keynote Presentation

*4:00pm-4:15pm*

Alice Film Festival

*4:15pm-4:45pm*

Awards Presentation

### Keynote Presentation:

Dr. Caitlin Kelleher from Carnegie-Mellon University will be our featured keynote speaker. Dr. Kelleher will present an introduction to Alice and her work on motivating children to learn programming (in particular, middle-school girls). The Keynote Presentation is sponsored by MedMined-Cardinal Health.

*Parents are welcome to attend the keynote talk and awards presentation.*

## Registration

- Registration for this event is limited to the first 40 students to respond. If more than 5 students pre-register from any one school, only the first five from that school will be selected. A waitlist will be maintained, if needed, and schools with more than 5 applicants will have their additional students placed on the waitlist for future consideration (e.g., as a replacement for a cancellation or if additional spaces are available after the registration period).
- Registration is \$20 per student.
- There are two phases to the registration process:

Phase 1: To pre-register, visit the contest web site and submit the "Intent to Participate" form. This can be sent via postal mail or e-mail. The deadline for submission of this form is **March 23<sup>rd</sup>**. The registration fee is not due for pre-registration.

Phase 2: If you are among the first 40 students to pre-register, you will be notified by the organizers. At this stage, you must submit the registration fee before **April 20<sup>th</sup>**. The waitlist will be opened up after this deadline.

### List of Prizes:

1<sup>st</sup> place: Dell Laptop

2<sup>nd</sup> place: Microsoft Xbox 360

3<sup>rd</sup> place: \$50 gift certificate (bookstore)

Additional prizes (Addison-Wesley books) awarded through 15<sup>th</sup> place.

Note: 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> places will also receive a copy of Visual Studio.