This weekly brief will inform you about:

1. UCLA MESA Advisor Webinar
2. 2014-2015 Middle School & High School Virtual Computer Science Contests
3. Hour of Code
4. National STEM Video Game Challenge
5. Google Code-In
6. Computer Science Strand Video Recording
7. It’s a whole lot of CS stuff.

Past Weekly Briefs
To view past weekly briefs click the following link: 2014-2015 Past Weekly Briefs. (The weekly briefs are located at the bottom of the page)

Weekly Brief: Nov. 7, 2014

UCLA MESA Advisor Webinar
MARK YOUR CALENDARS! The next UCLA MESA Advisor meeting is scheduled for Nov. 18, 2014 at 4:00 p.m. The meeting is virtual meeting and will be hosted through AnyMeeting.

A meeting invite will be sent to each of next week via email.

MESA Virtual Computer Science Contests
What are Alice & Greenfoot?: Alice and Greenfoot are educational programs used to teach Java and object-oriented programming. Alice is an innovative 3D programming environment that makes it easy and fun for students to learn fundamental constructs of object-oriented programming through the creation of animated movies and simple video games. Designed to be a teaching tool for introductory computing, it uses 3D graphics and a drag-and-drop interface to facilitate a more engaging, less frustrating first-time programming experience. Greenfoot also has a drag-and-drop interface but allows the user to edit the underlying Java code and is an intermediate step in learning Java.

What will students do?: Student teams will develop an educational and creative interactive game using Alice (middle school) or Greenfoot (high school). The game will have multiple levels, each addressing a different aspect of the team's selected theme. See contest rules below for further details.
How many teams can compete?: On the Statewide Virtual level, there is a maximum of 10 entries per center. Entries will be submitted virtually (although a center or region may have their own event). Judging will also be done virtually. Following is the timeline for this event:

<table>
<thead>
<tr>
<th>Timeline</th>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>October 31, 2014</td>
<td>Rules released</td>
<td></td>
</tr>
<tr>
<td>February 2015</td>
<td>URL for submission will be released</td>
<td></td>
</tr>
<tr>
<td>March 6, 2015</td>
<td>Submission deadline</td>
<td></td>
</tr>
<tr>
<td>March 20, 2015</td>
<td>Winners announced</td>
<td></td>
</tr>
</tbody>
</table>

Prizes: Medals will be awarded for first, second, and third place teams overall and by region.
Submission of entry: URL for submission will be released in February.

Rules:
Middle School Virtual Contest Rules (Alice).pdf
High School Virtual Contest Rules (Greenfoot).pdf

Hour of Code (Dec. 8 – 14, 2014)
Hour of Code week is less than a month away. I want to encourage all of you to promote the event with your MESA class or with your school.

The Hour of Code is a one-hour introduction to computer science, designed to demystify code and show that anybody can learn the basics. Sign up to participate this December 8-14 during Computer Science Education Week and help reach 100 million students by the end of the year. If you did this last year, you know that students loved it. Try to go even bigger, get every student in your program participating. We’ll have new tutorials for all ages and ones that require no computer at all. Watch the video, and ask all educators to give it a shot. Every participating educator will receive thank you gifts.

To find out more about Hour of Code go to http://hourofcode.com

Code.Org provides FREE coding courses at studio.code.org. Try them out!

National STEM Video Game Challenge

The National STEM Video Game Challenge is a competition whose goal is to motivate students learning in STEM by tapping into students’ passion for playing and making video games.

Students must create and design an original video game. Students can compete individually or as a team. The completion is open to middle and high school students.
To find out about the challenge rules and the game making software students can use go to [http://www.stemchallenge.org/stem/#/home](http://www.stemchallenge.org/stem/#/home)

The completion is open for entries from Oct. 28, 2014 to Feb. 25, 2015.

Each winner with receive a $1000 prize and the sponsoring organization will win $2,000

**Google Code-in 2014**
The Google Code-in is a contest to introduce pre-university students (ages 13-17) to the many kinds of contributions that make open source software development possible. The contest runs from December 1, 2014 to January 19, 2015.

For many students the Google Code-in contest is their first introduction to open source development. For Google Code-in we work with open source organizations, each of whom has experience mentoring university students in the Google Summer of Code program, to provide "bite sized" tasks for participating students to complete during the seven week contest.

These tasks include:

* Code: Tasks related to writing or refactoring code
* Documentation/Training: Tasks related to creating/editing documents and helping others learn more
* Outreach/Research Tasks related to community management, outreach/marketing or studying problems and recommending solutions
* Quality Assurance: Tasks related to testing and ensuring code is of high quality
* User Interface: Tasks related to user experience research or user interface design and interaction

Students earn one point for each task completed. Students will receive a certificate for completing one task and can earn a t-shirt when they complete three tasks. At the end of the contest each of the open source organizations will name two (2) grand prize winners for their organization based upon the students' body of work. The grand prize winners will receive a trip to Google’s Mountain View, California, USA Headquarters for themselves and a parent or legal guardian for an award ceremony, an opportunity to meet with Google engineers, explore the Google campus and have a fun day in the San Francisco, California sun.

For more info, visit [http://www.google-melange.com/gci/homepage/google/gci2014](http://www.google-melange.com/gci/homepage/google/gci2014)
MESA Computer Science Strand Video Recording
The recording of the Computer Science Strand Video Recording is available to those who were unable to attend the webinar.

Playback your Recording:  https://cc.readytalk.com/play?id=a244ex

For additional instructions on playback, click here:  https://core.readytalk.com/help/ArchivePlaybackInfo.html

Note: Recording playback requires Flash. If the viewer does not have Flash installed, they will be prompted to install it before playback begins.


MESA Enrollment Forms
Thank you for all of the work you put into recruiting students for the 2014-15 UCLA MESA Program. Following is the status of MESA Enrollment forms for each School. If you have not yet submitted your MESA enrollment forms and would like me to pick them up, please email me to let me know. I will be picking up enrollment forms on Friday, Oct. 31, 2014. Please leave the forms in the main office so I can pick them up.

<table>
<thead>
<tr>
<th>School</th>
<th>Status</th>
<th>School</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academy of Science &amp; Engr</td>
<td>Pick up on 10/31/14</td>
<td>Lawndale HS</td>
<td>Received</td>
</tr>
<tr>
<td>City Honors HS</td>
<td>Pick Up 10/31/14</td>
<td>Los Angeles HS</td>
<td>Received</td>
</tr>
<tr>
<td>Crozier MS</td>
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<td>Lawndale HS</td>
<td>Received</td>
</tr>
<tr>
<td>Burroughs MS</td>
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<td>Los Angeles HS</td>
<td>Received</td>
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<tr>
<td>Cochran MS</td>
<td>Received</td>
<td>Morningside HS</td>
<td>Pick Up 10/31/2014</td>
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<tr>
<td>Crenshaw HS</td>
<td>Received</td>
<td>Parent K-8</td>
<td>Pick Up 10/31/14</td>
</tr>
<tr>
<td>Fairfax HS</td>
<td>Received</td>
<td>UCLA Community School</td>
<td>Received</td>
</tr>
<tr>
<td>Hamilton High School</td>
<td>Not Received</td>
<td>University HS</td>
<td>Received</td>
</tr>
<tr>
<td>Inglewood HS</td>
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<td>Webster MS</td>
<td>Pick-up 10/31/14</td>
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<tr>
<td>LACES 6-8</td>
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<td>WESM</td>
<td>Received</td>
</tr>
</tbody>
</table>

This year the student CASSID# must be included on each form submitted. This information is needed so that MESA can better track students entering California universities and colleges after graduation.

Tutoring @ UCLA
This year the UCLA MESA Center is partnering with the AISES, NSBE and SOLES engineering students organization to provide tutoring for students on the UCLA campus. Tutoring will be held on the following days form 9:00 -12:00 noon in Boelter Hall.
Parents and student can sign-up for tutoring by completing the following online form:

UCLA MESA Tutoring Sign-Up Form: [http://goo.gl/R9L8id](http://goo.gl/R9L8id)

Currently the tutoring session are only scheduled for the Fall quarter. Depending on student participation, tutoring may be extended to the upcoming Winter and Spring quarters.

Attached is a flyer for you to give to students to inform their parents about tutoring at UCLA.

Attachment: Tutoring Flyer

**UCLA CEED Students Organization Outreach Events**

Many of you have been inquiring out information regarding the various student organization outreach events. Below is a list of the events planned by the student organization and the contact information of the person coordinating the events.

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
<th>Participants</th>
<th>Organizing Group</th>
<th>Contact Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineers in Training</td>
<td>12/5/14</td>
<td>HS</td>
<td>SOLES</td>
<td>Eric Corona</td>
</tr>
<tr>
<td>Noches De Ciencias Science Day</td>
<td>1/23/15</td>
<td>HS &amp; MS</td>
<td></td>
<td>Gabby Bustamante</td>
</tr>
<tr>
<td></td>
<td>2/13/15</td>
<td>MS</td>
<td>SOLES</td>
<td>Nadia Alvarez</td>
</tr>
<tr>
<td>Youth Motivation Day</td>
<td>2/27/15</td>
<td>MS</td>
<td>AISES</td>
<td>Kevin Casasola</td>
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<tr>
<td>WiSE Day</td>
<td>5/22/15</td>
<td>HS &amp; MS</td>
<td>NSBE</td>
<td>Roselin Campos</td>
</tr>
</tbody>
</table>

SOLES has already filled all the spots for participants for EIT on 12/5/14. If any of you are interested in participating in any of the other events, please send an email to the contact person for the event to inquire about participating in the event.

**UCLA CEED Pre-College Calendar**

I have created a Google calendar for all of the events scheduled by the UCLA MESA Center and the student organizations.

The calendar can be accessed using the following link

UCLA CEED Pre-College Calendar: [http://goo.gl/0YMK9e](http://goo.gl/0YMK9e)
Invent for Life Workshop
I have only received information from 6 advisors about their availability to participate in the Invent 4 Life Workshop. I need at least 10 advisors to participate in order to host the workshop. If you are interested in participating in the workshop, please use the following link to indicate your availability.

Based on your feedback I will determine the dates of the workshop and provide with the information.  http://doodle.com/dx8p4xwzrf57exsq

CNSI Nanoscience Institute
The second workshop of the CNSI Nano Science Institute is scheduled for Nov. 8, 2014 from 8:30 a.m. to 1:30 p.m.

The first workshop will cover "Solar Cells". I am not sure if there are still spaces available in the workshop.

If you are interested in attending the workshop, you can go to following link to determine if you are able to enroll in the workshop.

Workshop Enrollment:  http://cnsi.ctrl.ucla.edu/nanoscience/pages/workshopEnrollment

MESA Parent Orientation
The first MESA Parent orientation was held on Saturday Oct. 18, 2014. The event was very well attended and parents and students in attendance received invaluable information about the MESA Program and the events held throughout the year.

If you receive any inquiries from parents about the MESA Program, please direct them to the following website link:  http://goo.gl/lrnXAx

The website contains information on all of the UCLA MESA/MESA events for the 2014-15 academic year.

Have a great week!