Hello UCLA MESA Advisors,

I would like to thank all of the High School MESA advisors for providing the transcripts for the 2014 MESA Seniors.

Please take a few minutes to review the information provided in this brief. If you are interested in participating in the Invent 4 Life Workshop, please complete the Doodle linked below as soon as possible to let me know your availability. Many of you have indicated your interest in attending the workshop but have not informed me of your availability.

This weekly brief will inform you about:

1. vMASME Follow-Up Session Recordings
2. JPL Invention Challenge Registration Deadline
3. CNSI Nano Science Institute
4. Invent 4 Life Workshop (Repeat. Please complete Doodle so I can schedule the workshops!)
5. MESA Enrollment Forms Guidelines (Repeat)
6. Engineering Your World

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)

Brief: Sept. 26, 2014

UCLA MESA Information

vMASME Follow-Up Session - Recordings
Follow-Up #1: College Going Information - Panel

Playback Recording: https://cc.readytalk.com/play?id=2byum
Follow-Up #2: Leadership for MSP
Playback Recording: https://cc.readytalk.com/play?id=b8sze7

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.

**JPL Invention Challenge**
The deadline for the JPL Invention Challenge is this Saturday, October 4, 2014 midnight. Submitted forms must be postmarked by midnight on that day. If there is a possibility you will participate you should complete the forms and submit them. If you decide not the participate after the deadline it is not going to be a problem.

The following forms must be submitted to be eligible for the competition

The following items must be emailed
1. Each team must email their completed, typed entry form to Rhonda.M.Dash@jpl.nasa.gov.

The following items must be mailed to JPL
1. Each team must mail a printout of their completed student team entry form
2. The “Authorization and Release for Photos, Audio and/or Video Recordings of and/or Artwork” agreement form (found on website) for each person (student, guest, teacher, and chaperone) planning to attend the JPL contest. Each video release form must be completely filled out and signed.
3. If the student is under 18 years of age, then use the appropriate form filled out and signed by their parent or guardian.

The entry form and entire set of video release forms must be filled out and submitted to Public Services no earlier than September 1, 2014 and be postmarked no later than midnight October 4, 2014. Completed forms must be mailed to Public Services at Jet Propulsion Laboratory, M/S 186-113, 4800 Oak Grove Drive, Pasadena, CA 91109.

Attachments:
1. JPL Challenge Official Rules
2. School Entry Form
3. Video Release Form Child
4. Video Release Form Adult

**CNSI Nano Science Institute**
The first workshop of the CNSI Nano Science Institute is scheduled for Oct. 11, 2014 from 8:30 a.m. to 1:30 p.m. The first workshop will cover "Self Assembly". 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 the following link to determine if you are able to enroll in the workshop. Workshop Enrollment: [http://cnsi.ctrl.ucla.edu/nanoscience/pages/workshopEnrollment](http://cnsi.ctrl.ucla.edu/nanoscience/pages/workshopEnrollment)
Invent For Life Workshop (RESPONSE NEEDED ASAP)

During the MESA Advisor Meeting, many of you expressed interest in participating in this workshop. However, only four teachers have completed the linked Doodle providing me with their availability on the Saturdays listed below. I need your responses to plan the workshop. Using the following link please complete the form to let me know of your availability. http://doodle.com/dx8p4xwzrf57exsq

Possible workshop dates are: Oct. 4, Oct. 11, Oct. 18, Oct. 25, Nov. 8

Please link to the following Doodle to indicate your availability on the given Saturdays. Based on your feedback I will determine the dates of the workshop and provide with the information.

UCLA MESA will be hosting two 4-hour Invent for Life Workshops for MESA Advisors. The workshop will train teachers how to teach their students the principles of problem solving and invention. I decided to host this workshop for 2 reasons:

1. Participation in the workshop would be very helpful to advisors when assisting students with their MESA projects.
2. MESA has reached out the The JPL Invention Challenge group for permission to use past challenges for the MESA National Competition.

The workshops will be facilitated by Paul Mac Neal the coordinator of the JPL Invention Challenge. I have the space for 15 advisors to participate in the workshop. The workshops will be held on 2 Saturdays between September and November.

Attachment: Invent 4 Life Flyer

MESA Recruitment

There is less than a month left before MESA Enrollment forms are due to the UCLA MESA Office. It is important that you all get the forms in on time to me by the deadline. There is a lot of work that must be done once we receive the enrollment forms. 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.

Please try to adhere to the guidelines as much as possible the guideline.

Attachment: 2015-14 MESA Enrollment Form Guideline

Non-MESA Professional Development Opportunities

CNSI Nano Science Institute

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**Engineering Your World**

Are you interested in bringing an innovative engineering curriculum to your campus? Are you looking for resources to make an engineering program affordable and accessible?

UTeachEngineering is pleased to announce *Engineer Your World*, a course where students can discover how engineers turn ideas into reality. This hands-on course, developed by University of Texas faculty and NASA engineers:

- Meets the Next Generation Science Standards (NGSS) for Engineering Design;
- Engages students in authentic engineering practices in a project-based environment as it scaffolds student learning over a series of engaging and socially relevant design challenges;
- Provides instructional support to teachers in a vibrant professional learning community;
- Is aligned to emerging Advanced Placement® requirements for engineering and is expected to be offered for dual enrollment credit through The University of Texas at Austin beginning in 2015-16; and
- Thanks to support from the National Science Foundation, is able to offer up to 130% match of a school's initial investment in the program.

To learn more about *Engineer Your World* and how we can help you bring this program to your campus, please join us for an *Engineer Your World* LIVE! showcase event at Synergy Quantum Academy in LA on Wednesday, 10/8 from 8:45 to 10:00. Registration is required and space is limited, visit www.EngineerYourWorld.org today to secure your spot at an upcoming showcase.

For more information about *Engineer Your World*, please:

- Visit http://EngineerYourWorld.org/AboutCourse.cfm to learn about the course, view sample materials, explore our teacher support programs, and see where the course is being taught;
- Visit http://EngineerYourWorld.org/ApplyforSupport.cfm to read more about our implementation support program and apply for support for your campus; or
- Visit https://utexas.qualtrics.com/SE/?SID=SV_0x0L25pZYQyXEDb to register to attend *Engineer Your World* LIVE!

To find out more about the Engineering Your World Curriculum contact Cheryl Farmer at cheryl.farmer@mail.utexas.edu

UCLA MESA Information

**MESA Parent Orientation**
The MESA Parent Orientation was postponed due to low RSVP's. To increase the number of RSVP's I will be doing a mailing to the parents of students enrolled in MESA last year. Additionally, I still need your help in promoting the event. I will have a date finalized in the next couple of days and will send you the updated flyer in this Friday's Weekly Brief.

If any suggestions on how I can better advertise this event, please email me to let me know.

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Attached are guidelines for the MESA Enrollment form. Please try to adhere to the guidelines as much as possible the guideline.

Attachment: 2014-15 MESA Enrollment Guidelines

**MESA Senior Transcripts**

MESA Senior Transcripts are the first deliverable of the 2014-15 academic school year. Following is the list of all the schools who have submitted transcripts to the UCLA MESA Office. It is important that I receive the senior transcripts in the next week so I submit the deliverable to the MESA Statewide Office. I have attached a list of high school seniors for each MESA High School, please submit the transcripts to me by Sept. 24, 2014

<table>
<thead>
<tr>
<th>Transcripts Submitted</th>
<th>Transcripts NOT submitted</th>
</tr>
</thead>
<tbody>
<tr>
<td>City Honors Hamilton</td>
<td>Crenshaw</td>
</tr>
<tr>
<td>Los Angeles WESM</td>
<td>LACES</td>
</tr>
<tr>
<td>Lawndale</td>
<td>LACSHA</td>
</tr>
<tr>
<td></td>
<td>Morningside</td>
</tr>
<tr>
<td></td>
<td>University</td>
</tr>
</tbody>
</table>

Note: Fairfax HS - No MESA Senior transcripts required

Attachment: MESA Senior List 13-14

**College Day at USC**

College Day at USC is schedule for Nov. 1, 2014. The date has been changed due to scheduling conflicts at USC.

College Day will host numerous workshop such as Transitioning to College, Writing Your College Essay, Gate Millennium and a College Fair. Currently the UCLA MESA Center is allowed to bring 100 students to this event. More information will be provided about the specific workshop and colleges/university participating in the event with in the next few weeks. College Day @ USC Sign-Up

If you are interested in attending this event, please complete the linked form by Friday Oct. 17, 2014.
Other Information

Program Manager Position - Code.org
I am forwarding this information on behalf of the Jane Margolis of the UCLA Graduate School of Information and Applied Science. Code.org is looking for a Program Manager to establish partnerships with schools to promote their partnership model. Attached is a job description. Please forward this information to any of you colleague who may be interested in the position.

Attachment: Program Manager Job Description