

# CONNECTION

## Calendar of Events



### Message from the President:

#### *New Beginnings!*

Twenty-Three (2013) has been a year of new beginnings for CABPES. We began the year by relocating our after-school STEM programs into DSST: Cole Middle School, with hopes of building a strong and long-term partnership with DSST: Cole and the Boys and Girls Club of Metropolitan Denver.

The primary goal of this partnership was to bring an enriched after-school STEM program to the students at DSST: Cole and the surrounding community. Immediately upon forming this relationship, CABPES experienced a 48% increase in enrollment in the Junior Engineers Tomorrow's Scientists (JETS) program.

Because of the increase in student enrollment into the JETS program, CABPES currently teaches ten different engineering classes to accommodate the interests of all of our existing and new students: **Aerospace, Architecture, Climate Change, Civil, Construction, Electronics, Fun with Microcontrollers, Game Design, Lego Robotics, and Sustainability.** Seventy-five students have signed up to participate in these very exciting engineering classes.

A few highlights on our new programs, partners, and volunteers include:

- In partnership with CABPES and the **Department of Construction Management at Colorado State University, Mortenson, Hensel Phelps, Saunders** and **Gilmore Construction** are teaching the construction class featuring virtual design and construction using "Building Information Modeling (BIM)".
- **Westwood College**, another new partnership CABPES is on board to teach our newly developed game design class.
- **Zonge International, Inc.** brought new topics involving geophysics and seismic engineering to our civil engineering class, which is lead by **Salahudin Mensah/CH2M HILL** and **Trever Kregg/Gilmore Construction.**
- **Mark McDonald/Benesch** will continue his role in leading the bridge design and construction classes heading into the banquet.
- **Redstone College** helped teach our aerospace engineering class.
- **Katsia Lord** joined CABPES to teach architecture
- **Kerry Flickner** is teaching our new sustainability class.
- The **NASA Climate Change** class taught by **Dr. Benjamin Hamlington** from **CU-Boulder** continues to be a huge attraction to our high school students.

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- April 3 No MEP Class (Spring Break)
- April 4 No JETS Class (Spring Break)
- April 21 Denver Museum of Nature & Science FREE Day
- May 4 Colorado Railroad Museum FREE Day
- May 11 CABPES Banquet
- May 12 Denver Museum of Nature & Science FREE Day
- June 1 Denver Art Museum FREE Day
- June 15 Wings Over the Rockies – Cockpit Demo Day
- June 24 Math Boot Camp

#### Spring 2013 JETS Class Dates:

4/11, 4/18, 4/25, 5/2, 5/9

#### April 2013 MEP Class Dates:

4/8, 4/10, 4/15, 4/17, 4/22, 4/24, 4/29

#### May 2013 MEP Class Dates:

5/1, 5/6, 5/8, 5/13, 5/15, 5/20, 5/22, 5/27, 5/29

#### Summer Math Boot Camp Dates:

6/24 – 7/31

## Save the Date!

### 2013 CABPES Banquet!

May, 11, 2013

6:00 p.m. to 10:30 p.m.

Reserve your seat today by  
calling 303-226-5470  
or emailing [rsvp@cabpes.org](mailto:rsvp@cabpes.org)

## ***CABPES has a new location!***

**DSST: Cole Middle School**  
3240 Humboldt Street  
Denver, CO 80205



***All CABPES STEM Programs and Classes - JETS, MEP, SAT Prep are now at this location!***

### ***New Beginnings, Cont'd from Page 1***

The success and sustainability of CABPES and the JETS program would not be possible if it were not for long-time veteran volunteers (like John Henson and Ron Fontenot), dedicated board members and instructors (like Dr. Charlotte Brigham, Yashica Shaw, Mark Smith and David Hinds), our hardworking staff (Chavon Jackson and Mrs. Moham) and supportive parents. *Thanks to all of you for giving CABPES a new beginning!*



### **Join us at the 32<sup>nd</sup> Annual Awards Banquet!**

We are pleased to announce that CABPES will be hosting our 32<sup>nd</sup> Annual Awards Banquet on May 11, 2013!

This year's Awards Banquet, themed *"Ignite the Spark that Lights the Future"* will feature an evening filled with demonstrations from aspiring engineers and scientists, dinner, and our second annual silent auction.

The Banquet will take place on May 11th at 6:00p.m, at the Auraria Campus Gym at 988 Larimer Street in Denver.

***Tickets are \$60 each, or two for \$100.***

Email [rsvp@CABPES.org](mailto:rsvp@CABPES.org) to make your reservations!

#### **Board of Directors**

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CH2M HILL

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Hewlett Packard

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Denver Public Schools

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Harris Group, Inc.

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Bureau of Reclamation

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Denver Broncos



## Call for Silent Auction Donations!

*Looking for a way to support this year's banquet?*

Consider contributing an item or service to our silent auction!

Proceeds from the silent auction will benefit the scholarship fund and CABPES programming. Each donor will be recognized in the banquet program and receive a tax-deductible receipt for their contribution to CABPES!

**Contact Stephanie Ricker at 303-226-5470 or email [rsvp@CABPES.org](mailto:rsvp@CABPES.org) with any questions, or to arrange drop off or pick up of your donation.**

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### Staff Spotlight: Chavon Jackson, Office Administrator



**Q: How long have you been with CABPES?**

I have been a CABPES staff member since September 6, 2012

**Q: Why did you join the CABPES Staff?**

I joined the CABPES staff because the programs we provide are positive and are geared to under-represented youth that otherwise may not have been exposed to this type of learning and skill.

**Q: What do you wish to accomplish as member of the CABPES team?**

I would like to be able to continue to put my best into everything I do and promote to program.

**Q: Name two things you'd like to see CABPES do in the future.**

I would like to see CABPES promote the programs we offer to better reach a wider range of young people. I would also like for more people to volunteer their time so CABPES can expand the programs we offer.

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#### **Did you know...**

***Since inception, CABPES has assisted over 3,100 students in their pursuit of engineering, math, and science related fields of study.***

**Our Mission:** CABPES was founded in the late 1970's by a group of African-American engineers who shared a desire to increase the minority representation in technical professions. Our mission is to encourage and assist African-American and other under-represented minority youth in the pursuit and attainment of career choices in engineering and applied science professions.

## Connect with CABPES:

### CABPES Staff & Advisors

**Charlotte Brigham, MD**  
Program/MEP Director  
[Charlotte.brigham@msn.com](mailto:Charlotte.brigham@msn.com)  
(303) 329-6251

**Chavon Jackson**  
Office Administrator  
[cabpes@gmail.com](mailto:cabpes@gmail.com)  
(303) 329-6251

**Pearl Moham**  
Office Support

**Angela Sims-Ceja**  
SAT/ACT & College Prep  
Advisor  
[ceja101@msn.com](mailto:ceja101@msn.com)

To **register** your middle or high school student for CABPES, contact:  
**(303) 329-6251**

### Like us on FACEBOOK:

We encourage all students and parents to join our CABPES and CABPES Scholarship Facebook Groups!



# CABPES Opportunity Hub

## Scholarships, Internships and Opportunities- Summer 2013:

- **Aurora Youth Commission** is currently taking applications. The Commission is looking for youth members between the ages of 14-20 years. To apply, go online to [Boards and Commissions](#) and complete the application or print and mail an [application](#).
- **City and County of Denver- Office of Economic Development – Youth:** Youth Events are held throughout the metro area. Please call 720-865-5700 for the most up to date information.

### **SCHOLARSHIPS!**

Students, one of the most significant expenses you will face is the cost of a college education. Be sure to research scholarship and grant opportunities early and often! There are millions of scholarship dollars available to help you fund your college education. A list of scholarships with quickly approaching deadlines is below.

| Scholarship   | Deadline | Amount  | Description  |
|---|----------|---------|--|
| <b>Kit Faragher Foundation</b><br><a href="http://www.kitfaragherfoundation.org/">http://www.kitfaragherfoundation.org/</a>   | 5/15/13  | \$2,500 | Must be a student with positive attitude, strong commitment and drive toward accomplishment. Minimum 2.50 GPA. Must demonstrate financial need.  |
| <b>The "Yes I Can - Achieve the Dream" Scholarship</b><br><a href="http://www.drmartinikingjrchc.org">http://www.drmartinikingjrchc.org</a>   | 5/27/13  | Varies  | Scholarship sponsored by the Dr. MLK CO Holiday Commission for a deserving Colorado High School Senior that has at times struggled academically, yet has demonstrated tremendous capacity and potential to succeed. Students must be actively engaged in community service; be in good standing at their High School and have a cumulative GPA of at least 2.0 and not exceed 3.0 on a 4.0 scale. Two letters of recommendation are required, with one from a current or prior Educator and one from a community service organization. An official transcript must be submitted with application along with your resume' or bio. |
| <b>Big Al's Formal Wear Scholarship</b><br><a href="http://www.alsformalwear.com/scholarships.asp">http://www.alsformalwear.com/scholarships.asp</a>                                      | 5/31/13  | \$1,000 | Must graduate from high school and complete Mister Neat's application. Please attach a 500 word essay describing your educational goals and why Al's Formal Wear should help you achieve them by investing in your education.  |
| <b>Morgan Community College Scholarships</b><br><a href="http://www.morgancc.edu/admissions/financial-aid/scholarships">http://www.morgancc.edu/admissions/financial-aid/scholarships</a> | 6/1/13   | Varies  | Morgan Community College scholarships are competitive and recipients are selected based upon their qualifications. There is also a New Student Scholarship Application or a General Scholarship Application. Most scholarships require students to be enrolled in a degree or certificate program. General Scholarship Application is due by June 1st.   |



**Hey Kids...** Be the first to answer the **CABPES Challenge** and win a prize!

### **This Month's Challenge: Tick Tock**

On a conventional clock, how many times does the minute hand pass the hour hand between noon and midnight?

Submit your response to [guy.mitchell@cabpes.org](mailto:guy.mitchell@cabpes.org)  
**Winner will be announced in the next issue of the Connection!**

Last Issue's answer: The letter "u."