

School of Engineering and Sciences

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Principal's Messages

SES Student Winner of the MLK, Jr. Essay Contest

On Wednesday, February 20th, Miss Zaire Dartis, 7th Grade Student, was recognized as the recipient of the 2008 MLK, Jr. Essay Contest. Zaire was honored to share her speech with 2,000 new citizens and family members in what was considered the largest event sponsored by the Department of Homeland Security to date. The ceremony was held at the Memorial Auditorium, and Miss Dartis, joined by her parents and myself, was introduced and presented with a certificate and a United States Citizenship and Immigration Services medallion by presiding Judge Drozd. This was a very successful, rewarding event, and we were honored to be represented by such an intelligent young individual.

Science Night Hospitality Room

Science Nights are an integral part of our program. These nights provide an opportunity for students to share what content they have been studying in their Science classes. These nights also provide an opportunity for our parents and members of our community to interact socially.

We have Science Night scheduled for March 26th, April 23rd and May 21st. Our goal is to have a hospitality room for our families and friends in the Multi-purpose Room. We need 9th grade parent volunteers to be present during the first hour when our 7th graders are presenting their projects to their parents and we need 7th grade parents to volunteer during the second hour when the 9th graders are presenting their projects in the classrooms. Last week, we had UC Davis representatives at Science Night and a group of community guests, however, we had not formally organized a volunteer to meet and greet our guests. Teachers volunteer for the classroom component of Science Nights, but we are looking for some volunteers for our next three Science Nights. If you can help with hospitality, please contact Bethany Carter or Lauren Jordan and sign-up for one of the evenings.

National Engineering Week

National Engineering Week was the perfect opportunity for our partners to visit our School and provide some information regarding their involvement with our site and their professional careers. We had presentations from Sacramento City College, California Space Authority, Sacramento State University, National Organization of Black Airline Pilots, Dokken Engineering, Society of Professional Engineers and Caltrans. We are especially grateful to Shu-Shang Liu, parent of Stephen Liu for coordinating our Caltrans presentation.

National Academy Foundation Academy of Engineering

Our School is a candidate for the distinguished recognition of a National Academy Foundation Academy of Engineering. This is a very significant honor for our School. The National Academy Foundation recognized 13 Academy of Engineering sites nationwide for the 2007-2008 school year and are currently adding an additional 22 sites, nationwide, this spring, for the 2008-2009 school year.

The capacity to collaborate with local industry and higher education was a major priority for the selection process. The goals of the Academy of Engineering are to:

- Recruit and encourage more high school students to choose careers in Engineering and Engineering Technology;
- Increase the participation of women and underrepresented minorities in the study of Engineering; and to
- Prepare high school graduates to enter postsecondary Engineering and Engineering Technology programs fully competent in required Mathematics, Science, and technical subjects

The goals of the National Academy Foundation are directly aligned to the goals and expectations established in 2004, at such time as our District began to draft the proposal to create our School. Our School was designed to be a small thematic, project-based school creating a career pathway to scientific areas of study for a more diverse group of students. The National Academy Foundation partners with the National Action Council for Minorities in Engineering for the Academy of Engineering recognition. The demographics of Sacramento and our School site are congruent with the goals of the National Academy Foundation.

The National Academy Foundation staff members will be visiting our campus for a "site visit" as a part of the process. We are looking forward to the opportunity to host the visitation team and share the information about our School and partnerships.

Update Student School Record

We have attached, to this newsletter, a form that we would like you to complete and return to the school. We ask that you return this form completed no later than March 14, 2008. We have found that our records are not accurate with correct or current information. In order for us to be able to contact you in case of an emergency or when we need to distribute communications it is imperative to have current information. You are welcome to fax in the completed form to 433-5546.

Staff vs. Student Basketball Game

Our students and a group of staff members have been participating in an informal routine of “shooting baskets” which materialized into a Student vs. Staff Basketball Game which will take place on March 11th.

One of the unique characteristics of our School is the group of academic business and community partnerships that support our School. The Riverside Wesleyan Church, located at 6449 Riverside Boulevard, Sacramento, CA 95831, has graciously partnered with our School for this activity and are allowing us to use their facility for our game on March 11th at 6 pm. Admission is **FREE**—We hope you will join us for this fun event.

Student vs. Faculty Teams Roster

9th Grade Student Team

Jack Brown, III—#2
Elias Bello Zerpa—#18
Jordan Wilson—#32
Justin Watts—#20
Matt Funakoshi—#17
Chie Hong Yee—#4
Malik Hudson—#23
Eddie Landrum—#15
Brandi Spooner—#24
Bakari Sims—#14
Tommy Vang—#3

Faculty Team

Keoni Chock—#32
Patrick Respers—#1
Michael Roach—#6
Neil Lum—#22
Lauren Jordan—#23
Tyril Sherman—#00
Tom Bauser—#12

Family Science Nights

March 26, 2008 - Ecology (Environmental Issues)

Ecology also called Bioecology, Bionomics, or Environmental Biology

Is the study of the relationships between organisms and their environment. Some of the most pressing problems in human affairs—expanding populations, food scarcities, environmental pollution including global warming, extinctions of plant and animal species, and all the attendant sociological and political problems—are to a great degree ecological.

Future Dates:

March 26, 2008

April 23, 2008

May 21, 2008

7th Grade Session — 6-7p.m.

9th Grade Session — 7-8p.m.

Sacramento Regional Science & Engineering Fair Friday, March 28, 2008, at Rosemont High School

The School of Engineering and Science will be participating in this event, and we are looking forward to some exciting projects from our 7th and 9th graders. Exhibits will be set up at Rosemont High School on Friday, the 28th, and the actual event will occur on Saturday, March 29th. We will be prescreening the projects during the week of March 3rd so make sure you have your project ready to showcase prior to March 3rd.

The Fair winners will advance to the Intel International Science & Engineering Fair in May. Our School will be taking a group of interested students on a field trip to the Regional Science & Engineering Fair on that Friday. This is a very exciting time for our students and a great opportunity for our School to show what amazing talent resides at the School of Engineering and Sciences. Thank you for your support.

Student Government Spring Week

- Monday, March 10th — Class Color Day (Blue for G9; Black for G7); *Rally—6th Period
 - Tuesday, March 11th—Favorite Pro Sports Team (Faculty vs Student Game)
 - Wednesday, March 12th — NERD Day
 - Thursday, March 13th — Twin Day
 - Friday, March 14th — School Color Day

Up Coming Field Trips

The School of Engineering and Sciences is pleased to announce some of the upcoming field trips we have scheduled for our students. We will be going to the San Francisco Exploratorium, the Sacramento Regional Science Fair and to a Construction Career Awareness. The event dates are below.

- * March 5th — 7th grade San Francisco Exploratorium **POSTPONED**
- * March 29th — 7th & 9th grades Sacramento Regional Science Fair
- * April 17th — 7th & 9th grades Construction Career Awareness Day

Dress Code

It is imperative that our students adhere to our dress code which is representative of professional attire. We have had several incidents of sagging/bagging, inappropriate colors (**NO RED**), plain t-shirts, jeans and shirts without a collar. **Dark black jeans only ARE allowed — all other colors ARE NOT allowed.** By not adhering to the dress code it represents a total disregard for our School policy, therefore we have no recourse but to contact parents for assistance in bringing proper attire to school. We appreciate your cooperation.

Year Book

Have you ordered your yearbook? If not, please pick up an order form from the office. The cost of the yearbook is \$30.00. If you have school-related pictures that we can add to the yearbook, please bring them to the office in an envelope marked "yearbook pictures" or if you have them on a disc we can download them and return the disc.

Bike, Skateboard and Scooters

Riding of bikes, skateboards and scooters is NOT allowed on campus or the walk paths surrounding the school campus **AT ANY TIME!** This includes school activities evening as well.

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School Calendar

March 2008

Mon	Tue	Wed	Thu	Fri
3	4 PTA Board Mtg.	5	6	7 CSUS Mien Student Conference
10 PTSA General Mtg.—6 pm	11 Benchmark Testing Staff vs Student B-Ball @ Wesleyan Church—6 pm DAC Mtg.—6:30 pm	12 Benchmark Testing	13 National Academy Foundation of Engineering Site Visit	14
17	18	19	20	21
<i>SPRING BREAK WEEK</i>				
24	25 Latino Student Conference CSUS	26 *Site Visit from Caesar Chavez Elementary *Science Night -67...6-7 pm -69...7-8 pm	27	28 Regional Science Fair Set-up @ Rosemont HS
29 Science Fair Field Trip to Rosemont HS				