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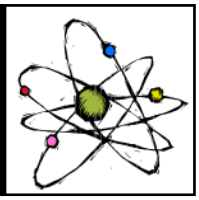
The Periodic Tabloid

A weekly publication of the SEM PTSA



President of AP Strategies to Speak at SEM

Brenda Bradford , President of AP Strategies, will be our featured guest speaker at our February 17th PTSA meeting, which begins at 6:30 p.m. She is planning for a 45 minute presentation with a 15 minute Q & A. It is a huge honor to have her speak at SEM. The information she is planning to present will be very valuable to both parents and students. I urge everyone to attend. www.apstrategies.org/staff/bradford

Jovan Wells, Principal

2009-2010 PTSA Board and Officers

The Science/Engineering PTSA is looking for new board members for next year's PTSA board. All SEM parents, teachers and students are eligible to serve on the board. We are especially interested in getting freshman parents involved in our committees! If you would like to volunteer or just want to know a little more about it, please contact Sylvia Carlson, PTSA Vice President, at ddwcmd@aol.com. Also, the PTSA has formed a nominating committee to nominate a slate of officers for next year's board. The committee will be nominating individuals for the four elected officer positions: President, Vice President, Treasurer and Recording Secretary. If you have an interest in serving as an officer, please contact committee chair Jim Kipp at jimkipp@sbcglobal.net.

SEM Students Attend Inauguration

On Tuesday, January 20, 2009 eight SEM Class officers were a part of history. Our students were very excited about the opportunity to visit our nation's capital and attend the 56th presidential inauguration. During the trip the students kept a journal of their experiences, and took lots of pictures. On behalf of the class officers, I would like to express sincere appreciation and thanks for the generosity of our parents, PTSA, and class sponsors for their help and support with the donation of food items, trip planning and fundraising efforts.

Jovan Wells, Principal

The SEM students, joined by Mrs. Alice Black, Mrs. Deanna Dove, Mrs. Jovan Wells and parent Marguerite Buccino, watched the inauguration from a spot near the Washington Monument. The group also found time to visit the Vietnam and Korean War Memorials, Air and Space Museum, National History Museum, National Cathedral and Embassy Row. Mrs. Black and Mrs. Wells attended the Texas Delegation Black Tie and Boots Inaugural Ball by special invite from U.S. Congresswoman Eddie Bernice Johnson. Pictures from the trip can be found on the SEM website under Photo Album.

FAFSA Workshop

The FAFSA workshop has been rescheduled for February 4 at 3:00 p.m. in the Townview theater. The presentation will be given by UTD financial aid advisor Sarah Dorsey.

Chaperone Needed

The Robotics Team needs a female chaperone to accompany the team to the RoPro Robotics competition at UT Arlington on Saturday, February 7. The bus will leave Townview at 7:00 a.m. and leave UTA at 5:00 to 5:30 p.m. If you can volunteer for this event, please contact Mr. Carter at kcart026@dallasisd.org.

Mansfield Legacy UIL Meet

Saturday, February 7th the UIL team will be attending a meet at Mansfield Legacy High School. We will meet at Townview at 6:15 AM and we plan to return around 6 PM . All UIL events will be offered. Students, speak with your team coach to sign up.

High School Chess Championship

The Sixth Annual DISD High School Chess Championship will take place on Saturday February 7th. Students from all across the district will meet at W.W. Samuell High School at 8 am to compete in a 6 round tournament. The winner of the tournament will receive a 4 year Academic Distinction Scholarship to The University of Texas at Dallas (All tuition and fees paid plus a small yearly housing allowance.) If you are interested in signing up, or have any questions about the meet, see Mr. Newton.

Ars longa, vita brevis.

Art is long, life is short.
(Seneca, De brevitate vitae)

Hat Tip: Mr. Hyman

The Periodic Tabloid

AP Exam Registration

Please mark your calendars for the following dates for registering for AP Exams:

Tuesday, February 17	Freshman and Sophomores
Wednesday, February 18	Juniors
Thursday, February 19	Seniors

Registration will be held from 4:00 – 7:00 p.m. in the Townview Commons.

National Science Bowl

Seniors: Participate in the National Science Bowl sponsored by the U.S. Department of Energy. The Regional Competition will be on Saturday, Feb. 14, 2009 at the University of Texas at Arlington. We are hoping to have up to three teams compete. Teams advancing to Nationals will have an all-expense paid trip to Nationals in Washington, DC. Interested students should contact Science Bowl sponsor Mr. Koh.
http://nationalsciencebowl.energy.gov
http://www.ahetems.org/precollege/regionalsciencebowls.html

What's a Nudibranch?

National Geographic has a great piece on the stunningly beautiful sea slugs known as nudibranchs (pronounced **noo**-*duh*-brangk):

> Nudibranchs crawl through life as slick and naked as a newborn. Snail kin whose ancestors shrugged off the shell millions of years ago, they are just skin, muscle, and organs sliding on trails of slime across ocean floors and coral heads the world over.
>
> Humans have raided their chemical armory in search of pharmaceuticals.

Read the story and see more pictures and video here. *HT: Susan Paul*

Volunteers Needed

Parents: We need volunteers to assist with AP Registration. If you can assist, please contact AP coordinator, Naveen Kashyap at (972) 925-5962 or nkashyap@dallasisd.org. *Thanks!*

QuestBridge National College Match

This program helps outstanding low-income high school seniors gain admission and full four-year scholarships to some of the nation's most selective colleges. www.questbridge.org

Discover Scholarship Program

The Discover Scholarship Program awards up to $300,000 in scholarships annually to high school juniors nationwide to support continued education and training beyond high school.
www.discoverfinancial.com/community/scholarship.shtml

Teachers

American Society of Microbiologists

16th Annual Conference for Undergraduate Educators
May 28-30, 2009
Colorado State University - Ft. Collins, Colorado
www.asmcue.org *HT: Toni Lewis*

TI Math Week

Check out TI Math Week, a weekly source of activities and problems in algebra, geometry, calculus and statistics. http://timath.com/algebra1/archive/ *HT: Toni Lewis*

Junior Engineering Technical Society (JETS)

JETS is a national non-profit educational organization dedicated to promoting engineering and technology careers to our nation's young people. Since 1950, JETS academic competitions, educational activities, and career guidance resources have been exciting students about careers in engineering and technology. Weekly newsletter, competitions and more. www.jets.org *HT: Toni Lewis*

Summer Programs

TAGT Scholarships & Summer Programs

Each year, the Texas Association for the Talented and Gifted offers many scholarships yearly to gifted students and educators across the state—last year nearly 70 awards were given with a total of over $36,000 awarded. Each year, TAGT publishes a directory of scholarship applications and many summer programs for gifted youth, entitled *Insights.* This electronic publication is now available on the TAGT website, http://www.txgifted.org/insights; all scholarship **applications are due by March 1.** For more information, see Ms. Kashyap.

George Washington University

Science & Engineering Apprenticeship Program

Applications due: Feb. 27, 2009 - This program places academically talented H.S. students (at least 16 yrs old, sophomores/ juniors) with interest in science & math in Dept. of Defense laboratories for an 8-wk period over the summer. This is an invaluable experience in the world of scientific research, with hands-on exposure to scientific & engineering practices not available in the HS environment. It is a paid apprenticeship ($2,000) and the students are assigned a scientist or engineer as their mentor. To apply online or get more information about the program: www.usaeop.com Students must submit their transcript (minimum GPA 3.0) and teacher recommendation to the program director for consideration and daily transportation is the student's responsibility. Program runs from June 22 - August 14, 2009. *Hat tip: Mr. Samford*

The National Center for Health Marketing

Free. Global Health Odyssey Museum is pleased to offer the 2009 CDC Disease Detective Camp (DDC). DDC is an academic day camp for students who will be high school juniors and seniors during the 2009-2010 school year. Campers will take on the roles of disease detectives and learn how CDC safeguards the national health. The camp will be offered twice from June 22-26 and July 13-17. For more info and to apply to go www.cdc.gov/gcc/exhibit/c amp.htm. Deadline is April 20. [Note: This is a day camp. Non-Atlanta residents may apply for the camp, but are responsible for providing their own accommodations and transportation.] *HT: Mr. Samford*

Texas Mathworks Honors Summer Camp

Texas State University, San Marcos
An intensive summer program for outstanding high school students who are excited about doing mathematics-- the goal of the program is to develop our talented youth by providing challenging courses in a unique learning environment.
June 21 - August 1, 2009
www.txstate.edu/mathworks/camps/hsmc.html *HT: Mr. Samford*

American Legion Boys State

Free. The American Legion sponsors a week-long summer leadership program called Boys State . This years program will be held at McDaniel College in Westminster , Maryland from June 21-27. If you are a junior interested in a leadership opportunity, visit www.mdlegion.org/boysstate.htm .

CITY YEAR (Americorps)

Graduating seniors who are not sure what they want to do after high school should consider applying for a paid community service position with City Year, Washington, DC., a group of 17-24 year olds committed to full-time service for ten months in the Washington, DC community. Benefits include: living stipend ($200 per week), health care coverage, free metro pass, and $4,725 educational scholarship . For more info: www.cityyear.org or email cmurphy@cityyear.org/dc or call: 202-776-7780,

Florida A&M University Spring Preview

The Dallas/Ft. Worth Florida A & M University Alumni Chapter presents Spring Preview, an opportunity for prospective students to learn more about the opportunities that await them at FAMU. March 26-28. http://dfwfamualumni.org/Documents/Spring%20Preview.PDF

Upward Bound at SMU *Free!*

Southern Methodist University offers a program to help students from low-income families prepare for college. Program benefits include: Free High School Course Tutoring, ACT/SAT/PSAT/TAKS Preparation, College Preparation, College & University Tours, Mentoring, Career & Personal Counseling, Financial Aid and Scholarship Information. Eligibility requirements:

- High School 9th and 10th Graders
- Desire to achieve academically and pursue college
- First Generation College Student (neither parent has graduated from a four-year college institution)
- Low income qualifications, established by the Department of Education

Interested? Students and parents MUST attend an information session. Full details here: www.ubsmu.org/

Summer Programs

Summer programs are a win-win-win deal for students. They are fun, they look great on college applications and they give you great experiences to write about on application essays. Some programs are expensive, but scholarships may be available.

Name	Program	Current Grade	Application Deadline	Website
Bank of America Student Leaders	Eight-week paid internship; week-long leadership summit in Washington, D.C.	Junior, Senior		www.bankofamerica.com/neistudentleaders
Bronfman Youth Fellowship in Israel	BRONFMAN FELLOWS spend the summer before their high school senior year traveling through Israel, exploring their Jewish Identity, and engaging with thinkers, authors, artists, and educators in an ALL EXPENSES PAID, 5 week Israel experience that will change their lives.	Junior		www.bronfman.org
Brown University	Variety	9-12		www.brown.edu/scs/pre-college/
Cal Tech	Young Engineering and Science Scholars		02/27/09	http://yess.caltech.edu/
Cornell University	Wide Variety	10-12	03/11/09	www.sce.cornell.edu/sc/
Davidson Institute for Talented Development	THINK Summer Institute: three-week summer program for exceptionally gifted 13 to 16 year olds			www.davidsongifted.org/think/
Duke TIP	Academic programs at college campuses across the U.S.	7-10		www.tip.duke.edu/summer_programs
Johns Hopkins University, Center for Talented Youth	Variety of programs at colleges around the U.S. and abroad	2-12		http://cty.jhu.edu/summer/
Massachusetts Institute of Technology	Minority Introduction to Engineering and Science: Rigorous six-week academic program Free	11	02/02/09	web.mit.edu/mites/www
Michigan Tech	Youth Explorations, Women in Engineering, Explorations in Engineering, Women in Computer Science	7-12		http://youthprograms.mtu.edu/
Morehouse College	Coca-Cola Pre-College Leadership Program	Soph, Junior	02/06/09	www.morehouse.edu/centers/leadershipcenter/pdf/Pre-CollegeApplication09.pdf
Oxbridge Academic Programs		9-12		www.oxbridgeprograms.com
Rice University	Summer at Rice	8-12		http://futureowls.rice.edu/futureowls/summer_programs.asp
SMU	Talented & Gifted Program	7-9		http://smu.edu/education/youth/tag/default.asp
Stanford University: High School Summer College	Selective eight-week program attracts exceptional current high school students who are eager to experience a true university environment.	Junior, Senior	04/26/09	http://summer.stanford.edu
Summer Institute for the Gifted	Residential and day programs at colleges across the U.S.	K-11		www.giftedstudy.com
Texas A&M Galveston	Sea Camp	9-12		www.tamug.edu/seacamp/
Texas Tech	Outreach & Distance Education	K-12		www.depts.ttu.edu/ode/
U of Oregon	Enrichment, Leadership, more	6-12		www.uoyouth.org
University of Alabama	Variety	K-12		http://k12summer.ua.edu/
University of Dallas	Several interesting summer programs			www.udallas.edu/travel/hs.cfm
UT Southwestern	STARS Summer Research Program	Junior	02/06/09	www8.utsouthwestern.edu/utsw/home/stars/
Welch Summer Scholar Program	Chemistry Research	Junior, Senior	02/28/09	www.utexas.edu/research/chemed/lagowski/WSSP

Summer Programs

Thanks to everyone who sent in information on summer academic programs. If you know of programs not yet on the list, send them to Jjimkipp@sbcglobal.net and we will put them in the next edition.

Additional summer program resources from SEM counselors Naveen Kashyap and Tom Flores:

College Board Guide to Summer Programs New
SUMMER PROGRAMS #1 2009
Summer University Programs
ANDEO International Homestays
- Summer study programs
- Immersion programs
- Semester/academic year programs
- Gap programs

Mathematics Summer Programs
Women in Engineering Program at UT Austin

10th Annual Black College Alumni Night College Fair

The Dallas Metroplex Council of Black Alumni Associations (DMCBAA) will host the 10th Annual Black College Alumni Night College Fair on Saturday, February 7, 2009 from 10 am -1 pm at the American Airlines Center. www.dmcbaa.org/ *HT: Toni Lewis*

Volunteer at the Science Place

A great way to volunteer would be at the Science Place. You can volunteer anytime you want, but it is more common to get an application in for the summer-time. The experience around a science ambience looks great on any college application.
www.natureandscience.org/information/volunteer.asp
Hat Tip: Cindy Santillan

Upcoming Events

Date		Event	Time
W	February 4	FAFSA Presentation at Townview in the Theater	3:00 p.m.
Sa	February 7	Mansfield Legacy UIL Meet	
Sa	February 7	6th Annual DISD Chess Championship @ Samuel High School	8:00a
Sa	February 7	Robotics Team Competes at RoPro at UTA	8:00a – 5:00p
Th	February 12	PTSA Board Meeting	6:30p
Sa	February 14	National Science Bowl	
Tu	**February 17**	**Freshman and Sophomore AP Exam Registration**	**4:00 – 7:00p**
Tu	February 17	PTSA General Meeting	6:30p
W	**February 18**	**Junior AP Exam Registration**	**4:00 – 7:00p**
Th	**February 19**	**Senior AP Exam Registration**	**4:00 – 7:00p**
F	February 20	AP English Prep Session	Evening
Sa	February 21	AP English Prep Session	9:00 – 2:30p

New and changed events are in bold.

Events are subject to change. Check the SEM calendar for updates. www.semagnetschool.org