



You are cordially invited
to join your students, the faculty, and other invited
guests on
Wednesday, September 13, 2006, 11:00 a.m.
Lincoln School Kirkpatrick Auditorium
for an Educational Performance.

WAYANAYINKA

The musical quartet from Peru will express
through their music the customs, ways of life,
images of the Andean culture, and will reflect the
people who inhabit those lands.

You can find out more about these world renown
musicians at www.wayanay.com

Thank you to . . .

. . . Maggie Qi (Tulsa, '07) and Michael Henderson (Dale,
'07) for conducting a tour for Suzanne Donnolo this week;
. . . Evalynn Rosado (Stroud, '08), Matthew Donica (Noble,
'08), and Anastasiya Austin (Claremore, '07) for allowing pro-
spective students to shadow them.

PAOSSM

(www.paossm.org)

What a great turn-out we had for the first PAOSSM
meeting last Monday. Thank you to Dr. Lease for his
informative discussion. Despite the fact he has "six
points," we all learned valuable information that we
won't hear anywhere else.

Janice Danser is planning our fall party and it sounds
like it will be really great! Janice is still looking for
volunteers, especially for that all-important clean-up
phase. If nothing else, come to the party, which is
scheduled for September 23, and see what goes on.
We know you'll be very pleasantly surprised.

Chris and Mack Harris

Parents:

Just a reminder that we are trying to save on paper and post-
age. If you can help by accessing your *Parents Weekly* online,
please email Donna Roberts, droboterts@ossm.edu to have your
name taken off the mailing list for the newsletter. The *Weekly*
(including enclosures) is available on Friday afternoons at the
main school web page, www.ossm.edu, and at Professor
Gleason's web page, www.ossm.edu/~jggleason

From the Dean of Students

Parents of Senior Boys: please go to my home page
on the OSSM website for information on Selective
Service.

All Parents: please see my homepage for a full list of
college representatives who will be visiting OSSM in
the coming weeks and months.

If your student is interested in one of the United
States service academies, there is information on my
home page about upcoming meetings sponsored by
Senator Coburn and Congressman Cole.

Jack Gleason

Counselor's Corner

Reminders for Seniors:

The **QuestBridge College Match Scholarship**
online application for low income students is due
on October 1 (www.questbridge.org).

The **Horatio Alger Scholarship** online applica-
tions for low income (below \$60,000) having over-
come adversity are due October 30
(www.horatioalger.org).

Both of the above are up to full cost for room,
board, tuition and fees.

Information concerning the SAE Engineering
Scholarships and participating institutions is avail-
able at www.sae.org.

Information concerning the CocaCola Scholars
Application is available at www.coca-colascholars.org

Eligibility requirements concerning the highly com-
petitive Boston University Trustee Scholarship,
Emory Scholars, North Carolina State Park Schol-
arship and the University of Texas at Dallas
McDermott Scholars Scholarships can be viewed
on each of the universities' websites.

Junior and Senior Parents:

Your students have been great about visiting with
college representatives. The time they spend ex-
ploring the numerous offerings can lead to excep-
tional opportunities educationally and financially.

Next week's college visitors include: Austin Col-
lege, Drury University, Centenary, Stevens Insti-
tute, Loyola New Orleans, St. Johns (MD),
Sewanee University, and the University of Arkan-
sas Honors College. OSSM students have received
significant scholarship offers from these institutions
in previous years.

Senior Parents

Senior Information Regarding the Testing Schedule
National Test Dates

ACT (required for seniors but will not be administered
at OSSM)

Test Date: October 28, 2006

Registration Deadline: September 22, 2006

SAT (Required for Seniors) @ OSSM

Test Date: November 4, 2006

Registration Deadline: September 29, 2006

Happy Birthday to:

Ms. Susan Greenwood	September 11
Luke Keyes	September 12
Ms. Katie James	September 13

Summer at OMRF

by Aneliene Apala (Dale, '07)

I spent nine weeks this summer at an internship with Dr. Amr Sawalha in the Arthritis and Immunology Department at OMRF. The primary concern of this lab is the relationship of DNA methylation to the autoimmune disease systemic lupus erythematosus, or SLE. Since DNA methylation may be regulated by the MEK/ERK signaling pathway, I attempted to isolate RNA from cells with a MEK mutation in order to study the pathway. My results could not be used because I could not isolate enough RNA, but I did learn a lot about the procedures and techniques and why each step was done.

My next experiment was a longer procedure in which I worked with the blood samples of SLE patients. I isolated DNA from patients' blood cells and set up the controls for the experiment. Unfortunately, my summer ran out and I was not able to finish the experiment, but I did set it up for when they were ready to do it themselves, or for me should I return. I enjoyed it because it was a good hands-on experience and I learned a lot about research, the good and the bad of it.

My Week at Boys' State

by Alex Speir (Bristow, '07)

I knew it was going to be interesting as soon as we arrived at NEO. For starters, no one in my carpool was in the same dorm. In addition, I saw people from my home high school and knew, through my contacts here at OSSM, many more people (I like to call them instant friends). The week went by fast and we learned about leadership, teamwork, Oklahoma History, government, and various other civics seminars that culminated with a speech by Governors George Nigh and Brad Henry.

The entire program was set up like a state. It had cities (one dorm floor), counties (one dorm), and the four dorms and all 600-odd people made up our mock state. In addition to learning about civics, everyone was invited to participate in our government simulations. People ran for various positions, state, county, and city. Almost everyone had some sort of office, so it was interesting to learn about how our state works. Legislation was passed, the governor issued proclamations, the judicial officials held mock trials, and mayors ran their cities. One of the most exhilarating moments of Boys' State was when I ran for, and won, the position of Chief Justice of the State Supreme Court. That helped me to realize, that I want to be a lawyer. Boys' State gave me a great sense of accomplishment and I met and bonded with many cool people from across the state. Boys' State was undoubtedly my most gratifying summer program, and I recommend it to anyone (or, if you happen to be a female junior, perhaps you should try Girls' State). It taught me many things and helped me to realize my potential.

Research at OMRF

by Liang Zhang (Oklahoma City, '07)

This summer I had the opportunity to work in an internship under Dr. Scofield at the Oklahoma Medical Research Foundation. I obtained this internship through Mrs. Hurte and a simple application and interview process. Among several other students working for several professors, I was chosen for a summer project in which I would study and research a disease. For eight weeks I researched the genetic aspects of Systemic Lupus Erythematosus under the guidance of my mentor and his assistants. Through this experience I acquired a plethora of new biochemical techniques and theory. In addition I worked alongside many more experienced undergrad and medical students. In addition to the work, I also had the chance to attend several biomedical seminars pertaining to the professional research of internationally renowned scholars. All of these experiences combined for a summer full of fun, passion, growth, and lots and lots of pipette(*ing*).

Summer at Peking University

by Kevin Li (Edmond, '08)

I participated in a summer camp at Peking University in Beijing, China, in July 2006. The program, which lasted for 10 days, included science, culture, language, and table tennis classes. The students came from many countries like the U.S., Canada, Japan, Korea, and Uruguay. The program provided a lot of hands-on opportunities for us in physics and biology study. During our free time, we played a lot of table tennis games and met some professional table tennis players in China. We also visited Peking University campus, the Great Wall, Forbidden City, and Summer Palace. I was impressed by the Museum of Technology and Science, which recorded the major scientific and technical achievements of that country. I have signed up for volunteer service at the Summer Olympic Game in Beijing in 2008.

In June, I also made trip to Vietnam and Hong Kong with my family. We visited the Vietnam War Museum, Presidential Palace, and the underground tunnels when we were in Saigon. I have learned a lot about Asia, its culture, and history.

Physics and Phun

By Haofei Wei (Tulsa, '07)

This summer, during the last week of school (May 19-29), I participated in the U. S. Physics Team summer training camp at the University of Maryland campus at College Park, Maryland. It was an intensive, 10-day training program intended to prepare/pick the 5-member team which would go on to compete in Singapore that July in the International Physics Olympiad. To get there, I had to take two tests, a 2-hour preliminary and a 3-hour semifinal exam, after which 24 people were selected to train at the camp.

While at the camp, 23 other members, including Otis Chodosh (OSSM CO 2006), and I attended classes from 8:00 a.m. to 5:00 p.m. every day, with two hours for lunch. Then, it was dinner, followed by study time from 8:00 to 9:30 p.m. After that, it was back to the hotel for some much-needed sleep. In the later stages of the camp, we had 3-hour tests and 5-hour lab sessions instead of classes.

While difficult and grueling, it was also one of the most rewarding and humbling experiences of my life. I learned new ways of using the equations I'd seen for 2 years, as well as a lot of new ones. I also met brilliant and cool people who made the experience all the more worth it.

Otis went on to compete and win a gold medal at the international competition, and I will be working hard this year to match his accomplishments.

OMRF Summer Research

Zach Ishikawa (Oklahoma City, '07)

Reflecting on the time I spent volunteering at the Oklahoma Medical Research Foundation this past summer, I can honestly say it was one of the most wonderful opportunities that I have ever experienced. Studying under Dr. Hensley, I aided his colleague, Dr. Shekhar Kamat, in researching *in vivo* effects of gamma tocopherol metabolites in genetically hypertensive rats. After looking over some promising research outlining the health benefits of gamma tocopherol as compared to more mainstream alpha tocopherol (vitamin e), we hypothesized that the gamma tocopherol lessened constriction of arteries within the hypertensive rats. Needless to say, I was quite intimidated by all the information presented to me about the research with which I was helping. Since many of the research papers I was given required graduate level courses merely to read, I could not help but to think I would be of no use to Dr. Hensley's research. However, with the help of Dr. Kamat, I was given a step-by-step description of what exactly it was that we were trying to accomplish, learning a vast amount over a short, two month interval. In the end, I walked away with an experience I will never forget.