



July Events

(All programs start at 3 p.m.)

Wednesday, July 6

School holiday: no program

Wednesday, July 13

Sci-enza: Experimenting with Density

A fun, hands-on program. Be ready for scientific experimentation!

Wednesday, July 20

**Science at Work Lecture Series:
Engineering as a Discipline**

Want to know more about what it is like to be an engineer? Join Prof Thokozani Majozi as he describes his life as an engineer and the various fields of engineering.

Friday, July 22

Interviewing & Video-Making Workshop

Join folks from the U.S. Embassy's Public Affairs Section to learn some inside tips on shooting compelling footage and conducting compelling interviews.

Wednesday, July 27

**Science at Work Lecture Series:
Veterinary Science**

Interested in being a veterinarian or learning more about what vets do? Join the staff of UP's Veterinary Science Department to learn more about this exciting profession.

June Statistics

- 109 books checked out
- 790 visitors

Greater than 7? It's Basic!*

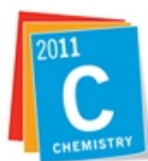
International Year of Chemistry Program

On Wednesday, June 22nd, 45 Mae Jemison students gathered in the auditorium for hands-on chemistry experiments measuring acidity and alkalinity of solutions.



Three interns from Sci-enza, the University of Pretoria Science Center, showed students how the pH scale works and what it measures.

Students were divided into groups for practical session; each group had to mix some acid (low pH) test tubes with some basic (high pH) test tubes and record the result. The students learned that when chemicals are mixed with water, the mixture can become either acidic or alkaline.



** Do you understand this headline? Come tell us!*

Science Café: 'Family or Fate?'

On June 8, 25 Mae J students invited Marlene Vermaak, a Registered Dietician from the Little Company of Mary Hospital, for a Science Café called "Family or Fate: Does a balanced lifestyle prevent disease?"

The discussion focused on nutrition, exercise, and healthy living, and how they play a role in preventing diseases like diabetes, cancer, and heart disease.

Mrs. Vermaak said that a healthy lifestyle doesn't guarantee a disease-free life, but it does diminish risks.

"That was fascinating," said MJ, a sophomore who regularly attends programs at Mae J. "I had no idea that the way I live every day could have such an impact on my life later on."

Talkin' About the First Lady



Unfortunately **Michelle Obama's** schedule was so full that she couldn't visit Mae J this time. So we got the U.S. Ambassador's wife, **Mrs. Liz Berry Gips**, to come and tell about her experiences during the First Lady's visit to South Africa.

Mrs. Gips showed a video of Mrs. Obama's keynote address to the Young African Women Leaders at the Regina Mundi Church in Soweto on June 21, which focused on youth leadership, education, and the shared history of South Africa and the U.S. A lively discussion followed, and the students invited Mrs. Gips back to Mae for further discussions about leadership.

In the next few months, we plan to bring some of the participants of the Young African Women Leaders Forum to Mae J for informal discussions.

EducationUSA Info Session

On June 29, Educational Advisor Melanie Mae from the U.S. Consulate in Johannesburg conducted an Education USA Info Session for an audience of 30 Mae J students.

Melanie spoke about the academic and financial requirements for South African students planning to study in the U.S.



She also gave practical information about the university application process for South African students to attend U.S. schools.

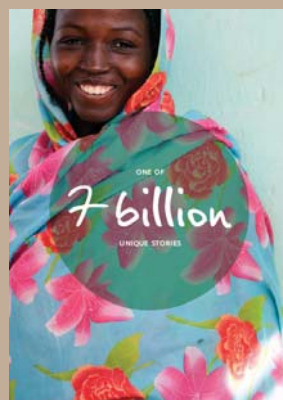


July 11 is World Population Day

World Population Day was established by the Governing Council of the United Nations Development Program in 1989 as a way to focus attention on the urgency and importance of population issues. It was an outgrowth of the interest generated by the Day of Five Billion, which was observed on 11 July 1987.

"By the close of 2011, the global population will have reached 7 billion. That's more than double the number of people living just 50 years ago." —

<http://www.7billionactions.org/>



Is the world overpopulated?

Explore this topic in **GREENR**, one of the many reliable and authoritative resources you can find on **eLibraryUSA** — ask a Mae J librarian to show you how!



"In the year 1 C.E. there were approximately 200 million people on Earth—less than the population of the contemporary United States alone. It took nearly two thousand years for the global population to increase six fold: In 1850 the world population was an estimated 1.26 billion. The next increase of nearly six fold has taken only 150 years, less than one-tenth the time of the previous six fold jump: As of 2008 the world human population was 6.5 billion." — *Encyclopedia of Environmental Ethics and Philosophy* (via GREENR)