

Mesia Moore Steed
The First-APS K-12 Minority Outreach Fellow
2006-07

Events:

April 4, 2006

EB 2006

San Diego, CA

-Attended K-12 Outreach Training

June 9-11, 2006

The Retreat

Denver, CO

-Participated in the mentor round table discussion with the students. Assisted APS Education Office with any implementation of the program.

July 23-30, 2006

The Forum

Arlie, WV

-I was a physiologist in residence. Taught physiology with Dr. Tom Pressely and assisted the teachers with their projects. Assisted the APS Education Office with implementation of the program.

November 2-5, 2006

ABRCMS

Anaheim, CA

-representative at APS education booth in exhibit hall

-named the six poster and three oral APS winners at ending awards banquet

October 16-17, 2006

University of Louisville, Presidential Outreach

-visit Western KY schools with the President of UofL, Dr. Ramsey

- During the presentation, I introduced myself (why I was there and my role with APS) with a bit of background about my hometown. I highlighted when and how I became interested in science and how I got of UofL. I spoke about my educational path, my current small animal research and ended with careers in physiology. In addition to talking with students, I gave the teachers and counselors information on APS programs and resources. I reached approximately 127 students.

In Daviess County, I visited Daviess Co. H.S in Owensboro KY. I visited 3 classrooms; one 9th, 10th (2 classes combined) and 11th with approximately 25-30 students each. The assistant principle gave me a tour of the science department and we popped into 4 additional classrooms in which I was introduced and spoke briefly about my research efforts with APS. I also visited on senior honors biology class of 12 students. .

In McCracken County, I visited Paducah Tilghman HS and Lone Oak HS both in Paducah KY. Both schools were prepared for my visit and in advance had selected students to attend a special assembly at which I presented.

At Lone Oak HS, I spoke to a mixed group of 23 minority students grades 9-12.

At Paducah Tilghman HS, I spoke to a group of 29 African American students grades 9-12.

November 6, 2006

APS PhUn Week

Albert E. Meyzeek Middle School

-I invited 2 faculty members (Dr. Andrew Roberts and Dr. John Fleming) and 2 African American graduate students (Corey Reynolds and Candice Thomas) from the Department of Physiology & Biophysics at UofL to join me in our departments first departmental outreach program in over 10 years. We visited 6 8th grade science classes and reached 174 students in that one day. Each person had an opportunity to introduce themselves and explain their background, how they became interested in science and research. We conducted the Exercise in Physiology unit explaining how blood flow and oxygen delivery changes from rest to exercise then related to hypertension and heart disease. Ended each session with Q&A. I revisited the teachers and several of the classrooms to present them their APS goodies. They wanted to create a relationship with UofL and our department.

November 7, 2006

APS PhUn Week

Our Lady of Perpetual Help School

-Visited 39 8th grade science students. During the presentation, I introduced myself (why I was there and my role with APS) with a bit of background about my hometown. I highlighted when and how I became interested in science and how I got of UofL. I spoke about my educational path, my current small animal research and ended with careers in physiology. I also showed some the instruments and tools I use to conduct my research.

April, 28-31, 2007

EB 2007

Washington, DC

- attended NIDDK orientation and reception
- PhUn Week training
- Panel member for Student/Teacher Workshop
- NIDDK Luncheon

Additional Outreach Efforts

- Joined the local site team