

Announcing

Southern Ohio Section of the American Association of Physics Teachers (SOS/AAPT) Fall Meeting - Saturday, October 13, 2012

Hosted by Oak Hills High School, 3200 Ebenezer Rd, Cincinnati, Ohio 45248

Who should attend?

- All high school and college science faculty looking for ways to improve their teaching.
- All high school science faculty who wish to increase their ability to teach in regards to the *Next Generation Science Standards* through the use of Modeling Instruction.
- All high school and college science faculty interested in networking with a supportive community of practitioners for the sharing of ideas, resources, and camaraderie.

The SOS/AAPT fall meeting will feature two parallel workshops on Modeling Instruction:

Modeling instruction (MI) is a research-validated method of teaching that emphasizes active student construction of conceptual and mathematical models in an interactive learning community. Through MI students develop the abilities to: make sense of physical experience, understand scientific claims, articulate coherent opinions of their own and defend them with cogent arguments, and evaluate evidence in support of justified belief.

[\[http://modeling.asu.edu/\]](http://modeling.asu.edu/)

Choose ONE of two morning workshops led by experts in modeling (9:30 AM - Noon):

- **Introduction to Modeling** – This workshop is designed for those new to MI to expose them to the modeling methodology and how it is implemented in the classroom. Participants will work through one complete modeling lesson cycle and will be provided with MI resources to take back to their own classrooms.
- **Advanced Modeling** – This workshop is designed for those who have previously used modeling in their classrooms and wish additional exposure to 2nd semester topics and the use of PhET Simulations (<http://phet.colorado.edu/>) in MI.

Tentative Schedule of Events

8:45 – 9:10	Registration and Continental Breakfast
9:10 – 9:30	Introductory Remarks; Brief Overview of Modeling Instruction
9:30 – Noon	Parallel Modeling Workshops (see descriptions above)
12:00 – 1:00	Lunch
1:00 - ?	Contributed Talks (all participants invited to submit an abstract - 10 minute talk)* Sharing of ideas during the “How I Do It” Presentations (all participants invited to submit a title - 5 minute presentation)* SOS/AAPT Business Meeting

*Titles and/or abstracts due to kathy.koenig@uc.edu by October 3, 2012

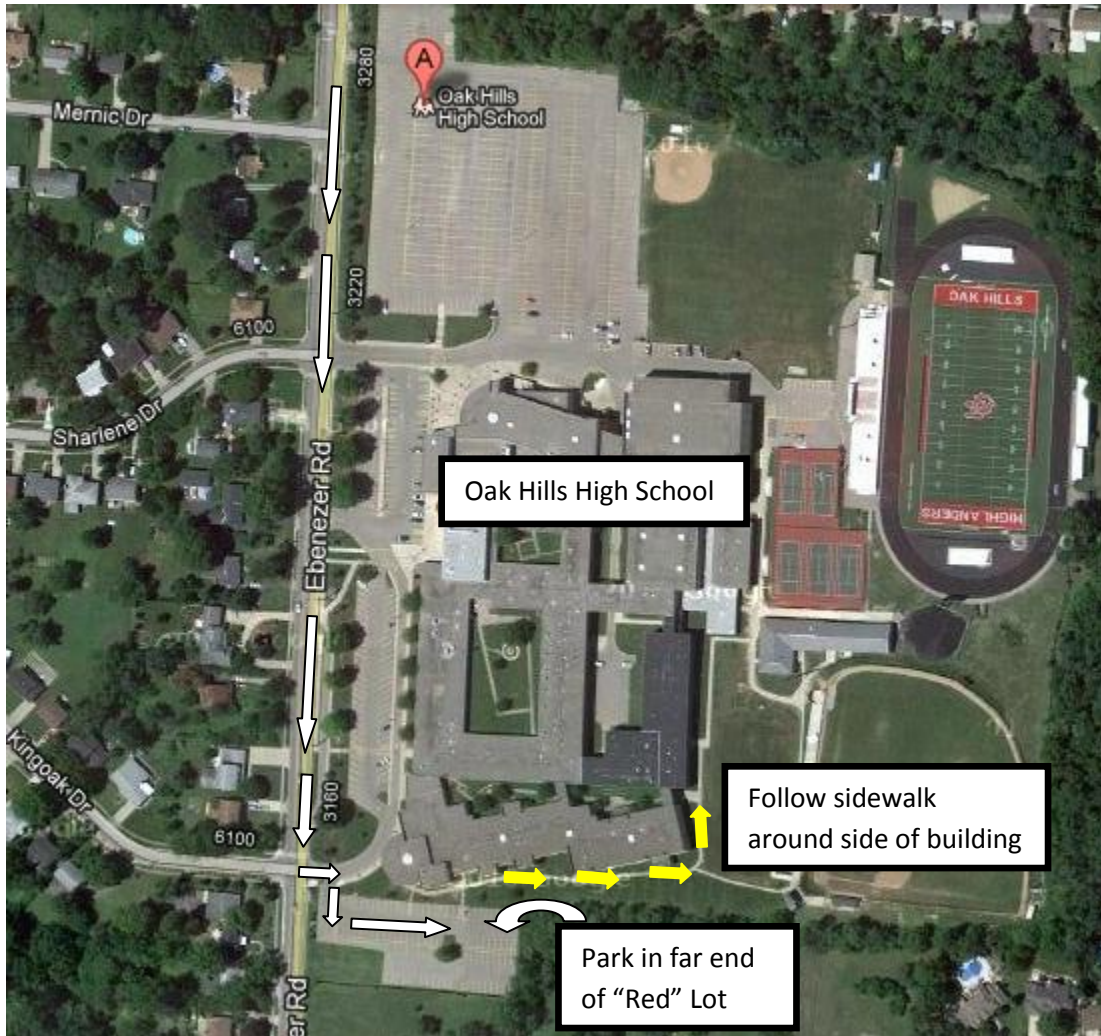
Questions? Contact Kathy Koenig at kathy.koenig@uc.edu or 556-0507

Oak Hills High School

3200 Ebenezer Road
Cincinnati, OH 45248

Parking at OHHS (picture representation below):

1. Drive past the high school to enter the last school entrance on the left.
2. Once you have turned in, take an immediate right into “The Red Lot”.
3. You will want to park at the opposite end of the parking lot—closest to the furthest set of stairs.
4. Take these stairs down to the sidewalk and turn right, following the sidewalk around the building.
5. After you have taken a left around the corner of the building, you will see a set of glass window and doors—this is where you will enter the building.



Directions from Toledo:

1. Take I-75 South to Exit 16 to merge onto I-275 W toward I-74/Indianapolis.
2. Drive 15.2 Miles then take exit 28 on the left to merge onto I-74 E/U.S. 52 E toward Cincinnati.
3. Drive 1.6 Miles then take exit 11 toward Harrison Pike/Rybolt Road.
4. Drive 0.3 Miles then turn right onto Old Rybolt Road.
5. Drive 0.2 miles then stay to the right to continue onto Rybolt Road.
6. Drive 1.9 miles then turn left onto Taylor Road.
7. Drive 1.1 miles then turn right onto Ebenezer Road (this is a soft left—it is a 5-way intersection).
8. OHHS will be on your left just past the stoplight at Lawrence.

Directions from Columbus:

1. Take I-71 South to Exit 17B to merge onto I-275 W toward I-75.
2. Drive approximately 21 Miles then take exit 28 on the left to merge onto I-74 E/U.S. 52 E toward Cincinnati.
3. Drive 1.6 Miles then take exit 11 toward Harrison Pike/Rybolt Road.
4. Drive 0.3 Miles then turn right onto Old Rybolt Road.
5. Drive 0.2 miles then stay to the right to continue onto Rybolt Road.
6. Drive 1.9 miles then turn left onto Taylor Road.
7. Drive 1.1 miles then turn right onto Ebenezer Road (this is a soft left—it is a 5-way intersection).
8. OHHS will be on your left just past the stoplight at Lawrence.