



TEACHER WORKSHOP

October 11, 2010

Carnegie Institution for Science, Washington, DC

Using bioEYES to find out Where the Wild Things Come From!

AGENDA

1:00-1:10 – Welcome – Ida Chow (Society for Developmental Biology)

1:10-2:00 – Introduction to BioEYES – Jamie Shuda (University of Pennsylvania)

2:00-2:15 - Break

2:15-3:00 and 3:00-3:45 – Breakout Sessions I:

Session #1 – BioEYES – Susie Artes (Carnegie Institution for Science-Embryology) and Jamie Shuda (University of Pennsylvania)

Find out how you can use zebrafish to teach genetics, development and ecology, with hands-on activities.

Session #2 – Research using zebrafish – Benjamin Feldman (National Human Genome Research Institute) and Keith Mintzer (National Heart, Lung and Blood Institute)

Find out how scientists use model organisms such as zebrafish to ask questions about how animals develop and how the discoveries can help us understand more about diseases. See development of wild type and selected mutant strains of zebrafish.

3:45-4:00 – Break

4:00-4:30 and 4:30-5:00 – Breakout Sessions II:

Session #3 – Presentation by Sidwell Friends School group – Melanie Fields and students

Listen to the experience of a high school teacher and her students who use zebrafish in their class and beyond, with demonstration of experiments.

Session #4 – About being a model teacher – Bridget Mack (St. Patrick's Episcopal Day School)

Listen to a teacher's long time experience on using zebrafish in her classroom and how to become a bioEYES model/master teacher.

5:00-5:30 – Wrap up – Toby Horn (Carnegie Academy for Science Education)