



How The Fur Flies:

Genetics & Biotechnology at the Animal Shelter

Teacher Professional Development

A pet simulation exploring applications of genetics and the possibilities of Medical/Pharmaceutical Biotechnology

“How the Fur Flies” is a 15 lesson curriculum unit based on using the skills & processes of science, improving scientific communication, and planning & designing investigations. The labs and lessons provide middle school science educators with the process to study genetics with their students. Through an engaging and relevant simulation focusing on a pet, students will apply prior and emerging knowledge to the topics of medical and pharmaceutical biotechnology and scientifically consider the issues surrounding these technologies.

When: Saturday March 6, 2010

Time: 9:00 – 1:30

Where: Hyatt Place Mystic
24 Greenmanville Avenue
Mystic, CT 06355, USA
Phone: 860- 536- 9997

Free Program - Lunch Provided

Please send completed application to:
Marge Anderson at mra18@comcast.net
Deadline: Feb. 23

This curriculum workshop will appeal to teachers who cover subjects relating to genetics and issues surrounding the topic of biotechnology. The simulation puts students in the role of pet adopter, medical specialist, and biotechnologist. This unit will enable teachers to use a hands on approach, applying science in the lab to the human realm.

Presenters:

Lessons will be presented by professionals from Beyond Benign and current classroom teachers who have been integrally involved in the curriculum writing and classroom testing process. Participating teachers will experience the lessons as their students would during this dynamic day.

Experts:

Pfizer scientists, working on the cutting edge of biotechnology, informed the curriculum through each step of development and will continue to give background information as to the latest developments in the field and the possibilities for exploration in the future.

Classroom materials

Attending teachers will receive all curriculum materials electronically to augment classroom implementation.



“How the Fur Flies” is a collaborative project of the Pfizer Foundation and Beyond Benign