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WORKSHOPS

ANIMALS IN THE CLASSROOM WORKSHOP

Sponsored by: OSERA - The Ohio Scientific, Education and Research Association; The Pennsylvania Society for Biomedical Research; The Ohio Academy of Science; and The Ohio State University Biomedical Engineering Center

Schedule

Thursday, April 29, 1993
6:00 - 9:00 p.m.
Friday, April 30, 1993
8:30 a.m. - 4:00 p.m

Youngstown State University
Cushwa Hall B 079
Margaret Snyder, Presiding

Needs

The education and research communities are currently being asked to consider alternatives to the use of animals. Alternatives may mean the actual reduction in the number of animals used, refinement in skills and techniques to minimize the numbers used, and replacement of animals with alternative techniques such as computer models or simulations. Federal legislation relegateing the use of animals in research and education has been growing. Philosophical differences among animal interest groups range from animal exploitation to animal liberation. Some animal rights advocates have claimed that the use of animals is a form of racism known as speciesism. Criticism of the use of animals in elementary and secondary schools has mounted with teachers having little or no time or resources to deal with this complex issue.

Publications by some animal interest groups advocate student conscientious objection to the use of animals in education. In recent years the National Science Teachers Association, the National Association of Biology Teachers, and Science Service, which operates the International Science and Engineering Fair, have strengthened their positions on the use of animals. The Ohio Academy of Science has adopted new guidelines for the use of vertebrates in students research projects.

Some people feel that concerns of animal welfare are not just a personal matter—they may reflect moral, ethical and cultural differences among students, teachers, and communities.

Program Benefits

This inservice workshop on April 29-30, 1993 on the humane care and use of animals in education and students research will provide the following benefits to teachers. Teachers in grades 5-12 will increase their understanding of:

1. The principles of vertebrate biology essential for the humane care and use of animals in education and students research;
2. The philosophies that influence animal interest groups;
3. Ethical considerations for the use of animals;
4. Federal and State regulations governing the use of animals;
5. Current literature and policies for the use of animals in education and students research;
6. Cultural differences and the needs of gifted and talented students in regard to the use of live animals;
7. Alternatives to the use of animals in commonly taught biology classes and labs;
8. The availability of educational alternatives and techniques (models, computer simulations, laser disks);
9. Proper housing and handling of animals;
10. Zoonotic diseases and human health considerations; and
11. Guidelines for student research projects involving vertebrates.