

PANEL DISCUSSION

MULTIMEDIA IN THE SCIENCE CLASSROOM

Panel Moderator

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What is multimedia?

Does it require multiple talents on the part of faculty?

Does it require a large investment of time to prepare a multimedia presentation?

What is the motivation for doing it?

Does it work?

Is there evidence to support its effectiveness for teaching and learning?

Can we see some examples?

Can you show us how to do it?

V.A. Stanionis

The use of multimedia presentations in the biology classroom allows students who might otherwise have difficulty to visualize the anatomical and physiological dimensions and allows them to "watch" complicated processes such as protein synthesis, nerve impulse transmissions, glycolysis and many, many more.

F. R. Fazio

Multimedia provides a multitude of opportunities for the chemistry student and teacher:

- via access to video demonstrations of chemical reactions that may be dangerous and hard to assemble,
- via animation of mechanisms of chemical reactions,
- via large size "3-dimensional" image which provides perspective.

On the down side it is extremely labor intensive and questionable as to whether the effort is worth the payoff.

L. S. Campisi