General Questions

1. Have you created your own webpage? If yes, please describe the purpose of the web page and provide the link if available.

Yes, I created a Faculty Web Page in 2004 using Microsoft Front Page for my school. The link is currently unavailable.

2. Have you used technology in your class? If so, describe the programs or applications that you used and for what purpose.

I currently use ANGEL which is a LMS (learning management system) for online course delivery. I also use technology in the laboratory which includes PowerLabs - data acquisition units that are connected to a computer for collection of physiological data from human subjects, as well as the Ph.I.L.S. simulations. I also use many online resources, animations and even YouTube videos to supplement lectures in my classes.

2. Have you used any of the following programs: Power point, spreadsheet, database?

PowerPoint and spreadsheet – yes, regularly, but database only occasionally.

3. What other software programs have you used in an educational setting?

I use or have used the following software: Ph.I.L.S. – physiology simulation software, Chart – interface software for PowerLab data acquisition device, electronic grade book software, BLAST – data sequencing and alignment software and numerous lab activity software

4. What do you expect to learn from this course?

I would like to improve my technology skills and find more educational technology tools, especially those that are available without students
needing to purchase them in order to get enriched content so that I don’t have to rely on the textbook publishers for enrichment activities.

5. In one or two sentences explain your central belief about how technology can best be used to enrich education?

The best use for technology in education is as a tool for the instructor to deliver content to students, whether it is to enhance lectures, reinforce student learning, or provide tools for hands-on or simulated laboratory activities, it must be used wisely in that the activities must serve a purpose and align with the learning objectives of the class.

Search Questions

1. Consider your philosophy of learning and/or teaching and find at least three web sites that reflect your philosophy. Reply with a short (<50 words) description that describes your philosophy and how the affiliated web site(s) reflect your philosophy.

Websites that reflect my philosophy of learning and teaching:

• http://www.dnalc.org
• http://www.mhhe.com/phils
• http://www.qmprogram.org/
• http://www.kcstemalliance.org/

I believe that students learn in a variety of ways, so I try to present the material to them in multiple formats, I use animations, demonstrations, and hands-on as well as virtual labs. I also know that in order to learn something new, you have to tag it to something that you already know. I teach material that is conceptually difficult and I employ enrichment resources that visually explain the material as well as reinforce student
learning. It is important that if the content is delivered online that the course is robust and clear and presented following Universal design guidelines so that the student can follow the organization and that the course and instructor follow best-practice policies in online education.

2. Find a picture of the state capital building in the state where you were born. Provide the URL for the picture and briefly describe your home state's capital building's architecture. Also explain how many people currently live in the state where you were born and the area of your home state in square miles.

![State Capitol Building](http://www.touring-ohio.com/central/columbus/ohio-statehouse.html)

The statehouse for Ohio is a limestone building designed in the Greek Revival style.

11,536,504 people currently live in the state according to [http://quickfacts.census.gov/qfd/states/39000.html](http://quickfacts.census.gov/qfd/states/39000.html)

Ohio’s total area including water is 44,825 square miles [http://www.enchantedlearning.com/usa/states/area.shtml](http://www.enchantedlearning.com/usa/states/area.shtml)

3. How many cars were parked in the parking lot just to the north of the Pearson building when the last Google Earth photo of the building was taken?

There were 35 cars in the parking lot north of JRP.

4. Translate this question and provide a brief responses in Spanish. ¿Cuál es su deporte favorito, película y actor?
What is your favorite sport, movie and actor?
Mi deporte favorito es el Tae Kwon Do y yo soy un cinturón negro 1er grado.
Mi película favorita es "Little Miss Sunshine".
Mi actor favorito es Reese Witherspoon.

5. Provide the longitude and latitude of a parent/friend's house and how many other houses there are on that block. If the house is not on a block, how many houses are there between your parent/friends house and the closest major intersection (not including the private road that leads to the house).

Longitude: 82° 41'44.60"W  Latitude: 38° 32'55.57"N
There are 12 other houses on the block.

One liners:

• We live in a society exquisitely dependent on science and technology, in which hardly anyone knows anything about science and technology. ~ Carl Sagan

• Education is not the filling of a pail, but the lighting of a fire." ~ W. B. Yeats

• "If you study to remember, you will forget, but, if you study to understand, you will remember." ~Anonymous

• What we have to learn to do, we learn by doing. ~ Aristotle

• A true oxymoron is that Microsoft works. ~ Anonymous