**WHAT TEACHERS TOLD US***

*About...

**Barriers to Classroom Implementation and Teacher Training**

“Time is the critical ingredient. With state testing requirements and curriculum requirements, it is hard to squeeze in more than we already cover. Time to get more information for the teachers is just as precious.”

“My background is in medical technology with a specialty in hematology. I now teach at the local high school and have been assigned mostly physics and some chemistry classes. I teach a life science, biology, once in a while.”

“I am retiring at the end of this school year. But if I were teaching next year, I would love to learn more about several of the topics listed. Even if we get the information and grasp the concepts enough to incorporate the topic into the curriculum, finding a place that doesn’t exclude other important topics may prove difficult!”

“I feel that my school does not have enough technology that I can use with my classes. With only three labs in the building, I sometimes wait over a month to get a lab to work on something interesting for my class. This discourages use of good websites and technology.”

“As a math teacher, I would not only like basic information on some of these topics, but would also like to have information on the related math needed to perform in these areas and how it relates to what students learn in Algebra. We also use older math books, and these new technologies are not included.”

“Our textbooks are out of date and more educational opportunities for science teachers to learn up-to-date activities that can be applied in the classroom would be very beneficial.”

*Selected Quotations from Open-Ended Response Item*
What Teachers Told Us*

About...

Barriers to Classroom Implementation and Teacher Training

“Since science is ever changing, educators must be informed of the advancements so that they can better prepare their students for the future. This can be achieved through a variety of means but seminars with small groups of science teachers and the experts in the field would be greatly beneficial.”

“Everyone promotes and encourages hands-on work/experiments within the classroom; however, the materials needed for these activities are seldom available. There is a serious lack of financial support to promote the hands on activities that all students need.”

“Legislative mandates make it difficult to find time to enrich our student’s education with topics that are more relevant to their futures like the ones listed in this survey.”

“My school does not have the equipment nor do I have the training to include the concepts listed in this survey. Perhaps I could learn how to incorporate these concepts using inquiry-based learning. That will require time, money, and equipment.”

“In the question regarding why I don’t currently teach these, I checked “Other,” because the critical technologies are not part of the Illinois Learning Standards.”

“Involving all subject areas in a cross-curricular approach would help students see and understand the rapid changes they are facing. That will be very tough because of department turf issues, existing curriculum, and state tests. If there are any rewards for trying this, they must be in a parallel universe.”

*Selected Quotations from Open-Ended Response Item