

Just-in-Time Teaching

- Obtains feedback from pre-class web assignments
- Adjusts classroom lessons
- Gives rapid response to questions and problems
- Addresses student needs
- Encourages students to take more control



But how to make the adjustments?

- Experience
- Co-workers
- An expert



Physics Teaching Web Advisory PATHWAY

- Proof-of-concept demonstration of a new type of digital library for physics teaching.
- Combining
 - CMU digital video library technology
 - KSU Physics Education expertise
 - materials contributed by teachers



More than a collection

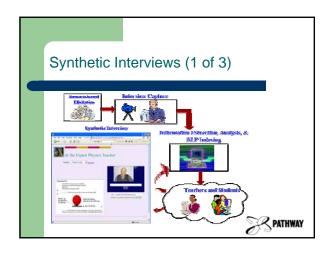
- Builds on a unique collaboration
 - Digital video libraries
 - Advanced distance learning & collaboration technologies
 - Nationally known experts in physics pedagogy and high quality content.
- Continuously improving assistance and expertise for teachers and students of all levels

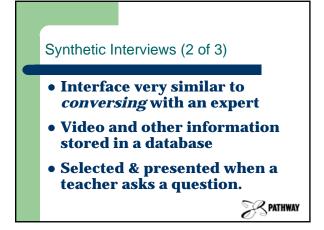


PATHWAY Components

- Synthetic Interviews
- Digital Video Data Base
- Connections to
 - National Science Education Standards
 - Research in Physics Education
 - Helpful Web sites
 - National Science Digital Library

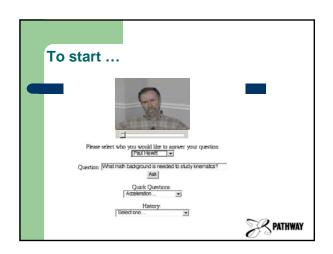




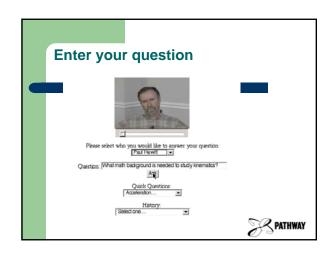


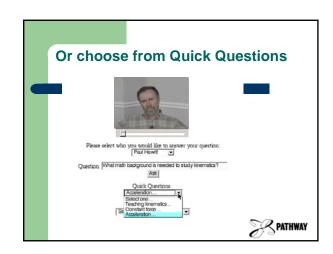


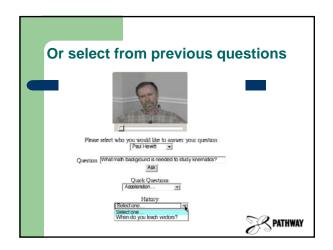


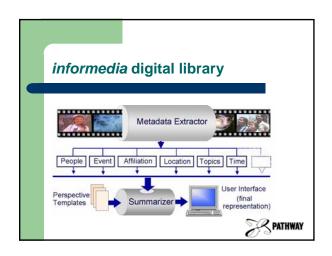


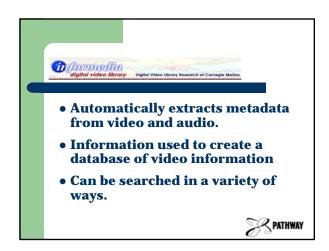


















You can help Suggest questions to ask the experienced teachers - Kinematics and Dynamics - Other topics later Try the system - Available now Give us feedback



