## Active Lecturing for Optimal Learning International Research Center for Medical Education Tokyo University 14 December 2005 Mark H. Gelula, Ph.D. Asst Dean for Faculty Development Department of Medical Education University of Illinois at Chicago College of Medicine mgelula@uic.edu

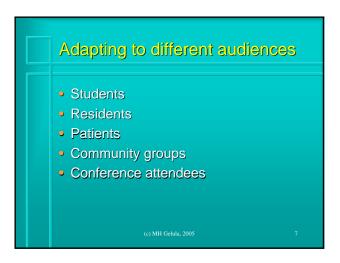


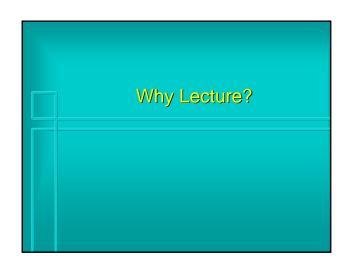








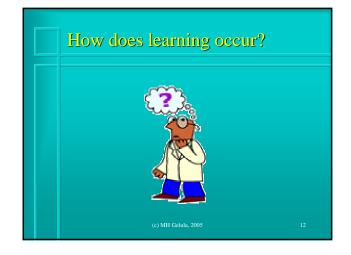


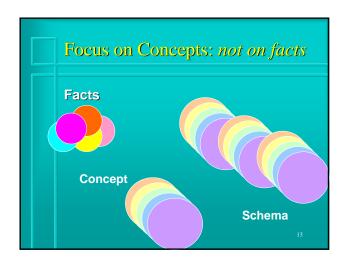


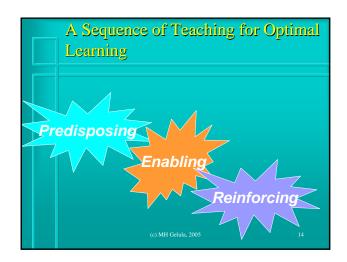


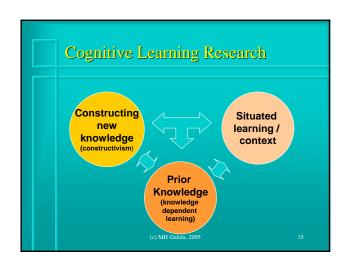


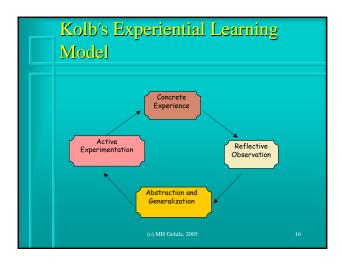








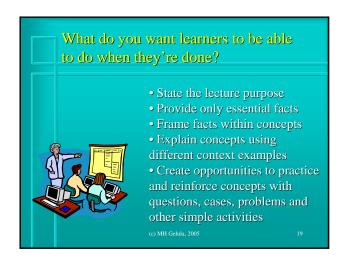




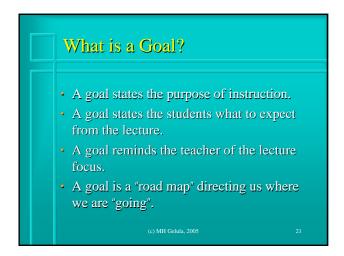
Questions and Questioning

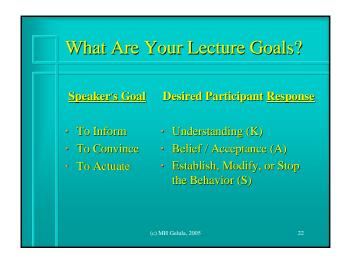
• Questions engage students actively
• Questions enable student reflection
• Questions foster higher order learning
• Questions facilitate deep learning through
• Recall
• Engagement
• Reflection
• Practice



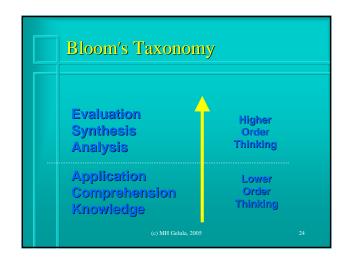


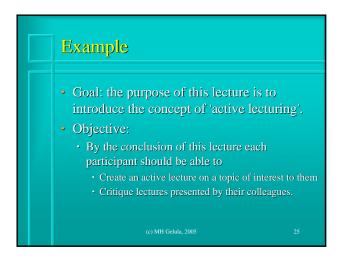


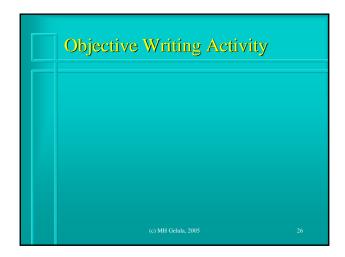


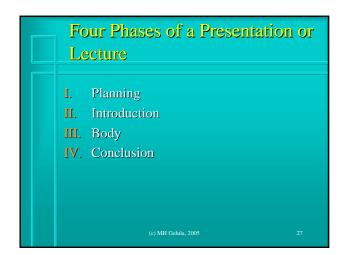




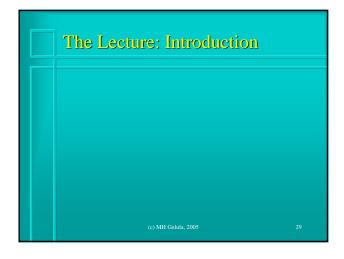


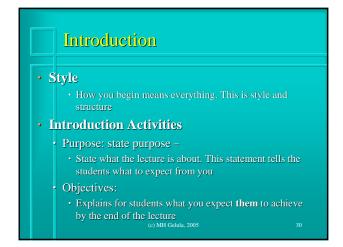


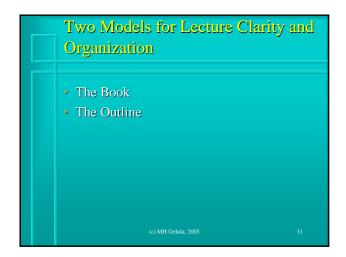


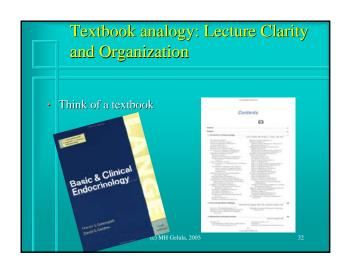


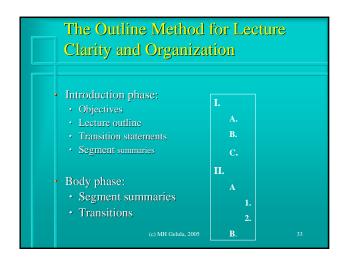


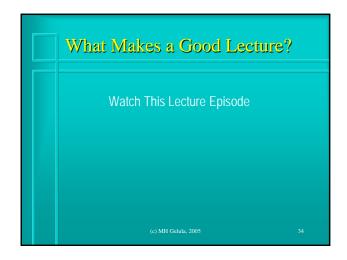


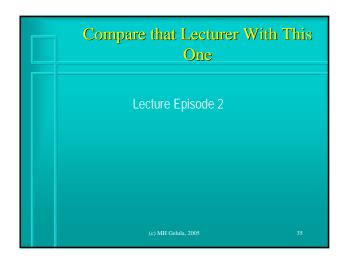


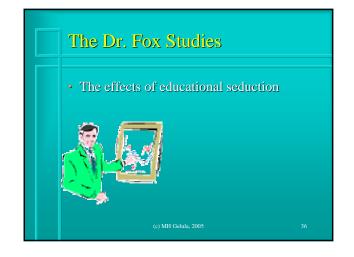










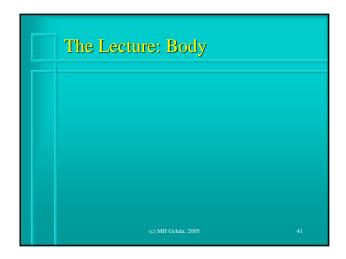






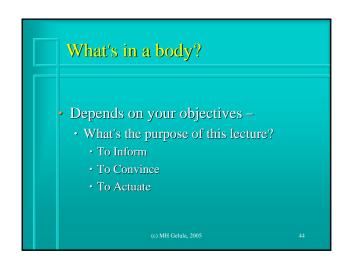


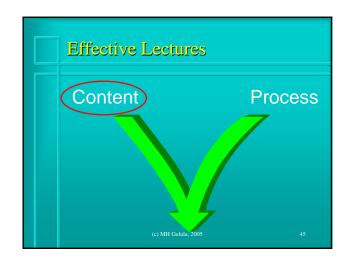


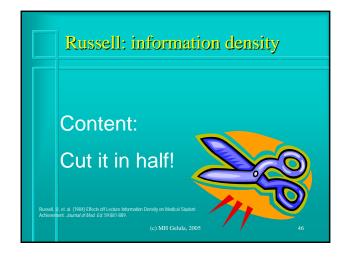


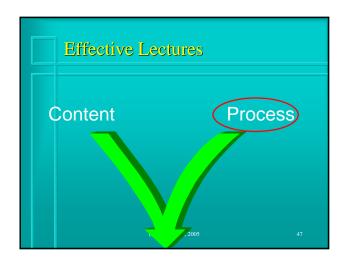


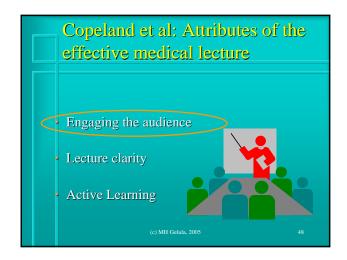




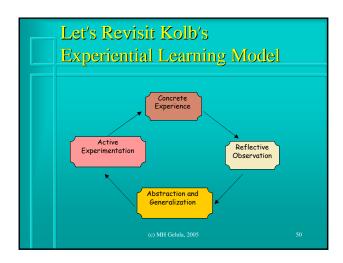






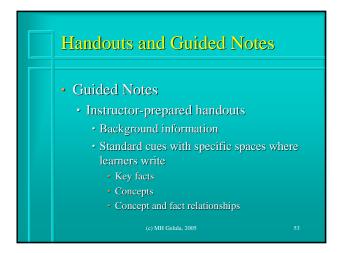


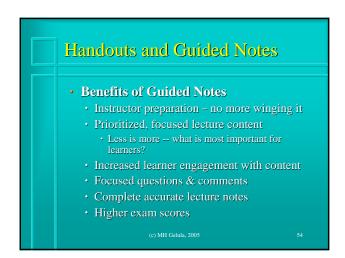


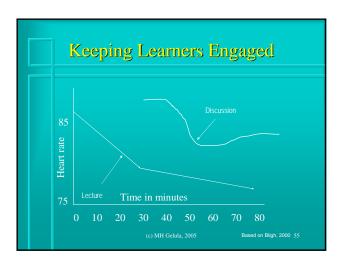


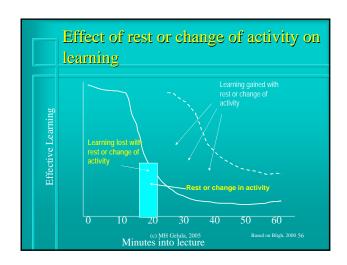


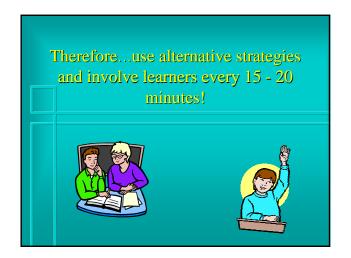


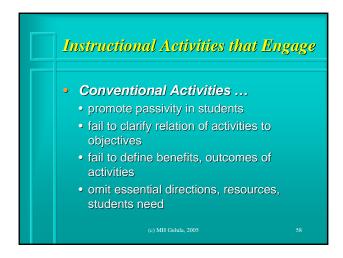


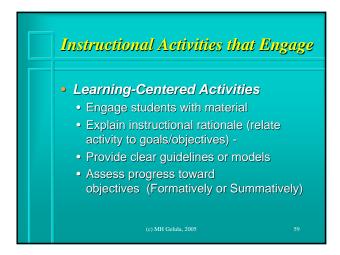


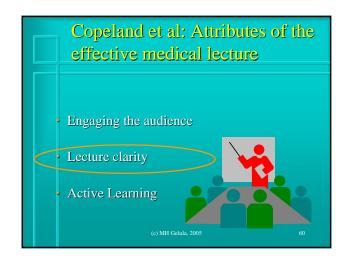






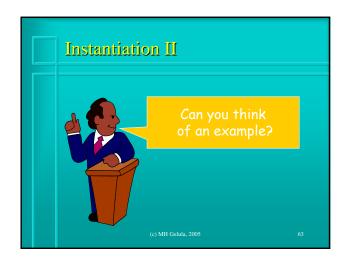




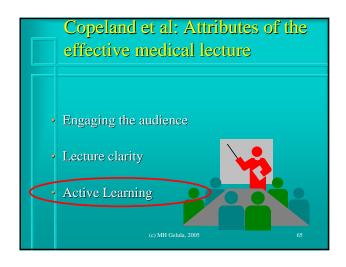




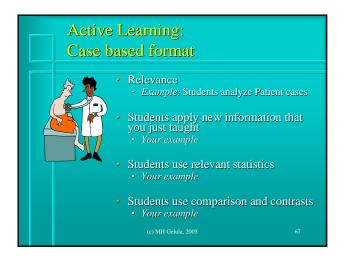


















## Activities that Engage Students and Promote Deep Learning • Ask students questions that will help them to accurately integrate new learning with old (have them identify similarities and differences to avoid oversimplification and misconceptions about new learning) • Involve students in applying decision making rules and being able to support their decisions • ask students to organize new material (conceptual mapping, outlining, graphics, summaries) vetco). 2005

