

PLEASE POST

Physics Department Seminar

Friday March 3rd, 2000

11:00am in PhSc 105

“The Development And Assessment Of Curriculum: The Role Of Research”

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Abstract:

Research on student understanding in physics and physical science has yielded insights into difficulties that students have when learning basic science topics. Results from such research inform the development of instructional materials and strategies that can help students develop a functional understanding, which provides a foundation for further study. Assessing the effectiveness of curriculum is an integral part of the development process. Systematic pre-testing and post-testing at other colleges and universities are also necessary to ensure that the materials are effective in a variety of environments. Specific examples of this process will be provided from the introductory course and special courses for teachers.