

# Activity Book



**TA Orientation  
School of Physics and Astronomy  
University of Minnesota**

**Fall 2006**



## **TABLE OF CONTENTS FOR CLASS ACTIVITIES**

Activity #1: TA Duties & Rationale for the UMn Model

Activity #2: Expert-Novice Differences in Problem Solving

Activity #3: Lab Preparation (with sample student WUQs)

Activity #4: Demonstration of a Lab Session (by mentor TAs)

Activity #5: Structure of Peer Teaching

Activity #6: Coaching during Discussion Sessions (partial student solutions)

Activity #7: Facilitating an End Discussion (complete student solutions)

Activity #8: Designing a Problem Solving Framework/Answer Sheet

Activity #9: How to Teach the First Lab and Discussion Session

Activity #10: Sexual harassment, academic honesty, diversity, & gender issues

