TAKE HOME GOODIES
- smartlabs tote bag
- Ready-to-go demos
- smartlabs notebook
- Write-ups for hi-tech labs using computer-assisted data acquisition
- Write-ups for ancillary lo-tech labs
- Write-ups for demonstrations
- Lecture notes
- smartlabs CD
- Year-round access to smartlabs website

1st STOPS — HAUGHEY HALL 207
Workshop Registration
7:00 p  Sun June 11
7:00 a  Mon June 12
1st Workshop Session
8:00 a  Mon June 12

Coursework Registration
7:00 p  Sun June 18
7:00 a  Mon June 19
1st Coursework Session
8:00 a  Mon June 19

WORKSHOP: 12-16 JUNE
08:00  Hi-tech Laboratory
10:00  Morning Break & Demonstrations
10:30  Lecture
11:30  Ancillary Lo-tech Labs
12:30  Group Luncheon
13:30  Hi-tech Laboratory
15:30  Afternoon Break & Demonstrations
16:00  Participant Discussion
16:30  Conclusion
18:30  Evening Study, Tutoring, & Recreation

COURSEWORK: 19-29 JUNE
08:00  Discussion
08:30  Lecture A
09:30  Recitation Break
10:30  Lecture B
11:30  Meal Break
12:30  Laboratory Session
15:30  Discussion
16:30  Conclusion
18:30  Evening Study, Tutoring, Recreation
With Math and Science increasingly prominent on the national education agenda, new teaching technologies are critical. The SMARTLABS Workshop assists secondary teachers of physics and physical science in planning and carrying out laboratory experiments with computer-assisted data collection. Ideally, each teacher brings an accompanying student from the home institution as a partner and assistant. Undergraduate credit is possible for students who subsequently enroll as freshmen at Andrews University. Graduate credit for the Workshop is available for teachers. Two additional weeks in the SMARTLABS Coursework, independent of the teacher’s participation in the workshop, makes it possible to accrue Graduate academic credit.

SMARTLABS emphasizes pedagogical practicality and instrument mastery. Teachers have access to science software and support personnel representing the nationally acclaimed companies Vernier Software and Technology and Pasco Scientific. Teacher-student pairs collaborate to reinforce their technical understanding and prepare to implement the labs in their home institutions.

Reserve your seats online now at: http://physics.andrews.edu/smartlabs. Seats are limited to 20 student-teacher pairs for the workshop. A waiting list will be maintained when it fills. Upon request, teachers who do not have a student partner and students who do not have a teacher partner will be matched.

CERTIFICATION
The equivalent of a minor (20 credits) is required for Michigan physics teachers. The deadline for No Child Left Behind compliance is June 2006, nationally, and June 2007 in some districts. Participants who have completed a year-long laboratory course in physics may be able to complete certification in 3 summers of SMARTLABS Workshops and Coursework.

SUPPORT OPTIONS
Participants not supported by their local school or district can seek financial support from two additional sources:

♦ The Lake Union Conference Teacher Grant provides graduate education to teachers in the Lake Union Conference of SDA who require certification or endorsement. The Lake Union pays for graduate credit, lab fees and accompanying expenses, excluding transportation. Contact Rose Anne Grove at (269) 473-8274 to receive a Certification for Graduate Scholarship application and a Workshop Expense Form. You must also submit the online reservation and a PTC application.

♦ The Bruce and Barbara Lee Endowed Scholarship pays for the SMARTLABS program when teachers are ineligible for Lake Union Conference support. You may apply for support in your reservation. Note that transportation, meals, and accommodations are the responsibility of the participant, local school, or school system.

WORKSHOP COSTS
♦ $150* Workshop Fee for Teacher & Student
♦ $165* (Optional) Tuition for PHYS 648 Workshop: Smartlabs IV, discounted 75%.

COURSEWORK COSTS
♦ $1980* 3 Graduate Credits for PHYS 530: Topics in Teaching Physics
♦ $89* Laboratory fee

*may be covered by scholarship for qualified individuals.

ACCOMODATIONS
For dormitory and guest room reservations, please call 269.471.3295. For motel reservations at the Village Inn, call 269.471.1354. Rates are as follows:

♦ Dormitory (daily $21 sgl or $28 dbl for teachers; complementary for out-of-town students)
♦ Guest Rooms (daily $25 sgl or $31 dbl)
♦ Village Inn Motel (weekly $210 sgl or $250 dbl).

MEALS
♦ Group luncheons and breaks are included in the workshop fee.
♦ Breakfast and supper meals are not included in the workshop fee. Meals are complimentary for out-of-town student-participants.

SOUTH BEND AIRPORT SERVICE
Call 269.471.3519 to make arrangements for pickup. Andrews University Transportation Services charges $25 one-way for one participant, $20 each for two or more participants.