

WEDNESDAY NIGHT AT THE LAB!!

presented by

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Department of Physics and Astronomy

for

**The Osher Lifelong Learning
Institute**

WHAT ARE INSTRUCTIONAL RESOURCES?

PHYSICS

IS

the process of understanding the universe in which we live.

MATHEMATICS

IS

the language of Physics.

Many times while learning the language (math**) the physics (**real world**) gets lost.**

Instructional Resources are used to show that the math is just representing what we already know in the real world.

IR's + 1 Professor = 1 Physics Lecture

- Demonstrations
- Web based resources
- Movies and videos: VCR, DVD, Web,
• video disk, 16mm, film loops.
- Slides: 35mm, Web.
- Computer programs
- Audio: recorded or web based files

Networking Resources

- www.pira-online.org



Physics Instructional Resource Association





TAP-L

- Other e-mail lists:
- **Phys-L** = Forum for Physics Teachers
- **Physhare** = Sharing Resources for Physics Teachers

OTHER RESOURCES

- **AMERICAN ASSOCIATION OF PHYSICS TEACHERS (AAPT).**
- **AMERICAN INSTITUTE OF PHYSICS (AIP).**
- **AMERICAN PHYSICAL SOCIETY (APS).**

Online Demo Resources

- **Other Physics Demo Sites**

Bill Beaty's page

Wonders of Physics page

AAPT PSRC

THE OFFICIAL INSTRUCTIONAL RESOURCES MOTTO

**If we can't fix the problem,
we'll fix the blame!!**