

## **An Observational Approach to Teaching—Resources**

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**If you only read one (short!) book about teaching astronomy it should be:**

*Learner-Centered Astronomy Teaching, Strategies for ASTRO 101*, by T. Slater and J. Adams, Benjamin Cummings (2002)

**The astronomy education book I will be drawing from most heavily this semester:**

*Lecture Tutorials for Introductory Astronomy* (2<sup>nd</sup> ed), by E. Prather, T. Slater, J. Adams, G. Brissenden and the CAPER team, Benjamin Cummings (2007)

**New faculty and department chairs should be aware of:**

*New Physics and Astronomy Faculty Workshop*, presented by the American Association of Physics Teachers in conjunction with the AAS and the APS. All local costs are paid by the AAPT. Website:  
[www.aapt.org/Events/newfaculty.cfm](http://www.aapt.org/Events/newfaculty.cfm)

**If you are looking for pre/post-tests to measure your students' learning a couple options are:**

**Light and Spectrum Concept Inventory**, contact:

Gina Brissenden, gbrissenden@as.arizona.edu, Program Manager, NASA Center for Astronomy Education (CAE)

or

Ed Prather, eprather@as.arizona.edu, Center for Astronomy and Physics Education Research (CAPER)

**Star Properties Concept Inventory**, contact:

Janelle Bailey, Janelle.Baily@unlv.edu, Assistant Professor, University of Nevada Las Vegas

**Or check out this short article:**

“Astronomy Concept Inventories: Diagnosing Our Own Instruction” the August 2006 Teaching Strategy of the Center for Astronomy Education, at <http://astronomy101.jpl.nasa.gov/tips/index.cfm?TeachingID=32>

**If you are eager to read the latest in astronomy education research:**

- ♦ *Astronomy Education Review* ([aer.noao.edu](http://aer.noao.edu)) for formal (classroom) education
- ♦ *Communicating Astronomy with the Public* ([www.capjournal.org](http://www.capjournal.org)) for informal (not in classroom) education