



# References and Resources

## References

This bibliography is a guide to the literature on physics education research and active learning. It is not intended to be exhaustive, but rather a starting point to locate some of the books and papers that have influenced this guidebook. References marked with an \* are those I consider to be good entry points into the literature. Journal citations are limited primarily to *The American Journal of Physics*, *Physics Today*, and *The Physics Teacher* because most instructors will have ready access to these.

For those inclined to get deeper into the subject, the McDermott and Redish (1999) resource letter provides an extensive bibliography with short annotations for each citation. The references cited in Hammer (1996) and Redish (1994) are also a good place to start.

Arons's *Teaching Introductory Physics* (or his earlier *A Guide to Introductory Physics Teaching*) is a resource that no physics instructor should be without. It is an excellent introduction to the issues of physics education research. A more general book on cognitive science, which may be of interest to some instructors, is Howard Gardner's *The Mind's New Science: A History of the Cognitive Revolution* (1987). Sheila Tobias provides an insightful look at science education in *They're Not Dumb, They're Different* (1990).

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## Resources

### Research-Based Physics Textbooks

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### Hardware and Software

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