

Appendix B

A list of the early Ph.D.'s in this field with the thesis title, institution, and advisor appears below. The list is in approximate chronological order. In some instances, present employment is included.

Ph.D.s not in physics; D.A. in physics, through 1985 (with physicist as thesis advisor)

- Brunschwig, Fernand, 1972, Experiments that walk: four self-study units with portable kits for introductory physics, Univ. of California, Berkeley, Karplus, SESAME.
- Theil, Edward Hiram, 1972, Structure and strategy: the development of a course in mathematical physics, Univ. of California, Berkeley, Karplus, SESAME.
- Hammon, Henry George, III, 1975, The use of ideas from early research papers to help clarify concepts in electricity and magnetism, Univ. of Washington, Arons, Doctor of Arts.
- Larkin, Jill Huston, 1975, Understanding relations in physics: a model and teaching materials for the development of a learning skill, Univ. of California, Berkeley, Reif, SESAME. Now at Carnegie Mellon University.
- Kurtz, Barry Lloyd, 1976, A study of teaching for proportional reasoning, Univ. of California, Berkeley, Karplus, SESAME.
- Campbell, Thomas C., 1977, An Evaluation of a Learning Cycle Intervention Strategy for Enhancing the Use of Formal Operational Thought by Beginning College Physics Students, Univ. of Nebraska, Lincoln, Fuller, Education. Now at Illinois Central College.
- St. John, Harry Mark, III, 1978, Thinking like a physicist: new goals and methods for the introductory laboratory, Univ. of California, Berkeley, Reif, SESAME. Now at Inverness Research Associates.
- Eylon, Bat-Sheva, 1979, Effects of knowledge organization on task performance, Univ. of California, Berkeley, Reif, SESAME. Now at the Weizmann Institute, Israel.
- Stevens, Scott Michael, 1984, Surrogate Laboratory Experiments: Interactive Computer/Videodisc Lessons and their Effect on Students' Understanding of Science, Univ. of Nebraska, Lincoln, Fuller, Education. Now at Carnegie Mellon University

Ph.D.s in Physics through 1985

Trowbridge, David Earl, 1979, An investigation of understanding of kinematical concepts among introductory physics, Univ. of Washington, McDermott. Now at Microsoft Corporation.

Rosenquist, Mark Linn, 1982, Improving preparation for college physics of minority students aspiring to science-related careers: investigation of student difficulties and development of appropriate curriculum, Univ. of Washington, McDermott. Now at Shell Oil Co.

Evans, James Carl, 1983, The history and practice of ancient astronomy, Univ. of Washington, McDermott. Now at Univ. of Puget Sound.

Lawson, Ronald Aaron, 1984, Student understanding of single particle dynamics, Univ. of Washington, McDermott. Now at Shell Oil Co.