

## บรรณานุกรม

ไพบูลย์ อินทร์วิชา (มปพ) หลักและวิธีการวัดเจตคติ สำนักงานคณะกรรมการการศึกษาแห่งชาติ สำนักนายกรัฐมนตรี

วิจัยการศึกษา, กอง, สำนักคณะกรรมการการศึกษาแห่งชาติ สำนักนายกรัฐมนตรี  
(2531) บทสรุปรวมผลงานวิจัยทางการศึกษาและที่เกี่ยวข้องกับการศึกษา (เล่ม 4)

วิชาการ, กรม, กระทรวงศึกษาธิการ (2530) รายงานการสัมมนาระดับชาติ  
เรื่องหลักสูตรประถมศึกษา พุทธศักราช 2521 โรงพิมพ์ศาสนา

Allport, G.W. (1935). Handbooks of social psychology. In C. Murchison (Eds.). Worcester, MA: Clark University Press.

Ajzen, L., & Fishbein, M. (1980). Understanding attitudes and predicting social behavior. Englewood Cliffs, NJ: Prentice-Hall.

Balwin, J.M. (1901-1905). Dictionary of philosophy and psychology (3 vol.). NY: MacMillan.

Barrow, L.H., & Sawanakunanont, Y. (1991, April). Teaching strategies utilized after participating in an inservice elementary science program. Paper presented at the annual meeting of the National Association for Research in Science Teaching, Lake Geneva, Wisconsin.

Bogardus, E.S. (1931). Fundamental of social psychology (2nd. ed.). NY: Century.

Cartwright, D. (1949). Some principles of mass persuasion: Selected findings of research on the sale of United States war bonds. Human Relations. 2, 253-267.

Earl, R.D., & Winkeljohn, R. (1986). An informal study of attitudes toward science and science teaching of pre-service elementary teachers. Science Education in Ohio, 4(1), 38-47.

Fishbein, M., & Ajzen, I. (1975). Belief, attitude, intention and behavior: An introduction to theory and research. Reading, MA: Addison-Wesley.

Fraser-Abder, P., & Shrigley, R.L. (1980). A status study of the science attitudes of elementary school teachers in Trinidad and Tobago. Science Education, 64(5), 637-644.

George, A.A. (1978). Measuring self, task, and impact concerns: A manual for use of the teacher concerns questionnaire. The University of Texas, Austin, Texas.

- Guntawong, K. (1982). An investigation of the attitudes toward science and science teaching of Thai preservice elementary science teachers. (Doctoral dissertation, Oklahoma State University, 1981). Dissertation Abstracts International, 43, 143-A.
- Harms, N.C. (1981). What research says to the science teacher. In N.C. Harms & R.E. Yager (Eds.). Washington, D.C.: NSTA.
- Helgeson, S.L., Blosser, P.E., & Howe, R.W. (1977). The states of precollege science, mathematics and social studies: 1955-1997. Volume I, Science. Center for Science and Mathematics Education, The Ohio State University, Columbus.
- Koballa, T.R., Jr. (1986). Teaching hands-on science activities: Variables that moderate attitude-behavior consistency. Journal of Research in Science Teaching, 23(6), 493-502.
- Krech, D., & Crutchfield, R.S. (1948). Theory and problems of social psychology. NY: McGraw-Hill.
- Krech, D., Crutchfield, R.S., & Ballachey, E.L. (1962). Individual in society. NY: McGraw-Hill.

- Lucas, K.B., & Dooley, J.H. (1982). Student teachers' attitudes toward science and science teaching. Journal of Research in Science teaching, 19(9), 805-809.
- MacDonald, M.A. (1982). The effects of new science materials and inservice training on teaching styles in the Ciskei, South Africa (Doctoral dissertation, Oregon State University, 1982). Dissertation Abstracts International. 42, 3093 A.
- Maoldomhnaigh, M.O. (1987). Teaching outcomes of short inservice courses in experimental science for primary teachers. Research in Science and Technological Education. 5(1), 37-42.
- Moore, R.W. (1973). The development, field test, and validation of scales to assess teachers' attitudes toward teaching elementary school science. Science Education, 57(3), 271-278.
- Moore, R.W., & Sutman, F.X. (1970). The development, field test, and validation of an inventory of science attitudes. Journal of Research in Science Teaching. 7(2), 85-94.

Munby, H. (1983). Thirty studies involving the "Scientific Attitude Inventory": What confidence can we have in this instrument? Journal of Research in Science Teaching, 20(2), 141-162.

Okeagu, E. (1987). The effects of a science methods course with field experience on preservice teachers' attitudes, concern and anxiety toward teaching science. (Doctoral dissertation, University of Southern Mississippi, 1986). Dissertation Abstracts International, 47, 4045 A.

Pettus, A.M. (1981). Science inservice training and elementary teacher's attitudes teaching science. Virginia Journal of Science, 32(2), 40-42.

Riley, J.P. (1979). The influence of hands-on science process training on preservice teachers' acquisition of process skills and attitude toward science and science teaching. Journal of Research in Science Teaching, 16(5), 373-384.

Rokeach, M. (1960). The open closed minded. New York: Basic books.

- Shrigley, R.L. (1971, March). Scale for measuring science attitude of preservice elementary teachers. Paper presented at annual convention of the National Science Teacher Association, Washington, D.C.
- Shrigley, R.L. (1974). The attitude of preservice elementary teachers toward science. School Science and Mathematics, 74(3), 243-250.
- Shrigley, R.L. (1983). The attitude concept and science teaching. Science Education, 67, 425-442.
- Shrigley, R.L. (1990). Attitude and behavior are correlates. Journal of Research in Science Teaching. 27(2), 97-113.
- Shrigley, R.L., & Johnson, T.M. (1974). The attitude of in-service elementary teachers toward science. School Science and Mathematics, 79 (5), 437-446.
- Stake, R.E., & Easley, J.A., Jr. (1978). Case studies in science education (Volume 1 and 2). Center for Instructional Research and Curriculum Evaluation, University of Illinois, Washington, D.C.: U.S. Government Printing Office.

- Stefanich, G.P., & Kelsey, K.W. (1989). Improving science attitudes of preservice elementary teachers. Science Education, 73(2), 187-194.
- Stern, C., & Keislan, E.R. (1977). Teacher attitude change: A research review. Journal of Research and Development in Education, 10(2), 63-76.
- Strawitz, B.M., & Malone, M.R. (1986). The influence of field experiences on stage of concern and attitudes of preservice teachers toward science and science teaching. Journal of Research in Science Teaching. 23(4), 311-320.
- Symington, D.J., & Fensham, P.J. (1976). Elementary school teachers' closeminded, attitudes toward science, and congruence with a new curriculum. Journal of Research in Science Teaching, 13(5), 441-447.
- Thomas, W.I., & Znaniecki, F. (1918). The polish peasant in Europe and America, Vol. 1. Boston: Badger.
- Thompson, C.L., & Shrigley, R.L. (1986). What research says: Revising the Science Attitude Scale. School Science and Mathematics. 86(4), 331-343.

Waggoner, J.W. (1984). A comparison of attitudes toward science held by teachers, principals, and parents in the States of Missouri. Unpublished doctoral dissertation, University of Missouri, Columbia.

Weiss, I.R. (1987). Report of the 1985-86 national survey of science and mathematics education. Research Triangle Park, NC: Center for Educational Research in Evaluation, Research Triangle Institute.

Westerback, M.E. (1982). Studies on attitude toward teaching science and anxiety about teaching science in preservice elementary teachers. Journal of Research in Science Teaching. 19(7), 603-616.

