

## BOOK REVIEWS

UNOBTRUSIVE MEASURES: NONREACTIVE RESEARCH IN THE SOCIAL SCIENCES by Eugene J. Webb, Donald T. Campbell, Richard D. Schwartz, and Lee Sechrest. Chicago: Rand McNally and Co., 1966. 215 p. \$4.50 (paperback \$3.50)

This monograph attempts to identify techniques of measurement which are relatively free from reactive effects. This leads the authors into a sometimes rather bizarre treatment of the information. It includes an excellent chapter on methods of approximating knowledge. Much attention is given to sources of invalidity in measurement. Procedures of time sampling and observation are discussed. Archival records are presented as alternatives to recall memory data.

The Northwestern University authors draw on research in sociology and political science to illustrate concepts. The discussion of educational phenomena is limited. However, researchers of occupational behavior will find this book a useful reference. It is well documented. It should generate within the reader ideas for data collection and make him aware of contamination problems.

The text is written in an interesting style which requires little technical knowledge of statistics or research methodology.

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EDUCATING THE ADULT EDUCATOR: PART 2. TAXONOMY OF NEEDED RESEARCH by Burton W. Kreitlow. Madison, Wisconsin: Wisconsin Research and Development Center for Cognitive Learning, The University of Wisconsin, 1968, 20 pp.

This is a "theoretical" paper dealing with the establishment of a framework for classifying areas of needed research in the field of adult education. It is the second part of a two part study, the first of which dealt with concepts for the curriculum for educating the adult educator.

Research needs are classified or grouped in the following categories: "The Adult as an Individual and a Learner"; "The Adult's Response to Social-Cultural Phenomena"; "The Adult Education Enterprise." Each category is treated by analyzing it into several major research problems each of which is supported by a brief statement of background to the area covered by the problem and by a long list of more specific questions which should be answered through research.

The author is an acknowledged leader in rural sociology with a major interest in the field of adult education. In addition to the expertise of the author, the expertise of some 34 additional scholars in various fields was used in identifying research problems in adult education.

The publication is designed for use by researchers with interests in the area of adult education. The major contribution of the study and publication is the detailing of research needs in the field of adult education within an identifiable framework. Graduate students and other scholars should find the paper very helpful in guiding their efforts to determine meaningful problems for study.

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THE LEGAL BASE FOR UNIVERSITIES IN DEVELOPING COUNTRIES by H. W. Hannah and Robert T. Caughey. Urbana, Illinois: University of Illinois Press, 1967, 455pp., \$10.00.

This book is intended as a sequel to Hannah's Resource Book for Rural Universities in the Developing Countries (1966). (See Volume 38, No. 10, April 1966, Agricultural Education Magazine for review.)

This comprehensive reference source is designed for use by educators, legislators, foreign advisors, and laymen engaged in working with universities in the developing countries. It will be of particular value to those government and university officials responsible for considering and drafting university acts and statutes or, in the case of established institutions, of amending existing acts or statutes. The authors' threefold purpose is to make available a critical analysis of the legal structure of selected universities in developing countries and in the United States, to offer ideas and suggestions for the formulation of desirable acts and statutes, and to show how the legal framework of an institution relates to its educational purpose and the achievement of its goals. They bring to their task a wealth of information culled from research and from on-the-scene observations.

H. W. Hannah is professor of agricultural law and veterinary medical law at the University of Illinois. He also has served as associate dean of the University of Illinois College of Agriculture. Robert R. Caughey is a Captain in the Judge Advocate General's Corps of the United States Army.

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CONVENTION OF FRIENDS OF AGRICULTURAL EDUCATION, AN EARLY VIEW OF THE LAND-GRANT COLLEGES, edited by Richard A. Hatch. Urbana, Illinois: University of Illinois Press, 1967, 147 pp., \$4.50.

The book is edited by Mr. Richard A. Hatch, Editorial Assistant in the Office of Public Information, University of Illinois. The publication is issued as part of the centennial observance of the University of Illinois, February 28, 1967 to March 11, 1968. The total context of the book is a reprint of the proceedings of the "Convention of Friends of Agricultural Education" August 24-25, 1871, Chicago, Illinois. This