

VITA

Name: Hubert E. Brogden

Date of Birth: October 9, 1913

Academic Training:

1935 A.B., University of Illinois
1939 Ph.D., University of Illinois

Academic and Professional Experience:

1939-1940 Instructor, Ohio State University
1941-1942 Senior Statistician, Louisiana State Public Health Service
1942-1943 Associate Public Health Representative, U.S. Public Health Service
1943-1951 Research Psychologist, Personnel Research Branch, The Adjutant Generals Office, U.S. Army
1951-1954 Research Advisor, Personnel Research Branch, The Adjutant Generals Office, U.S. Army
1954-1964 Director of Research, Personnel Research Branch, The Adjutant Generals Office, U.S. Army
1964- Professor of Psychology, Purdue University

Professional Societies:

American Psychological Association
Psychometric Society (President, 1957)
Psychonomic Society
Mid-Western Psychological Association

Publications:

- Brogden, H.E. A factor analysis of forty character tests. Psychol. Monogr., 1940, 52, No. 3, 39-55.
- Brogden, H.E. and Thomas, W.F. The primary traits in personality items purporting to measure sociability. J. Psychol., 1943, 16, 85-97.
- Brogden, H.E. A multiple factor analysis of the character trait inter-correlations published by Sister Mary McDonough. J. Educ. Psychol., 1944, 35, 397-410.

- Brogden, H.E. On the estimation of the changes in correlation and regression constants due to selection on a single given variable. J. Educ. Psychol., 1944, 35, 484-492.
- Brogden, H.E. The effect of bias due to difficulty factors in product-moment item intercorrelation on the accuracy of estimation of reliability by the Kuder-Richardson formula Number 20. Educ. Psychol. Measmt., 1946, 6, 517-520.
- Brogden, H.E. On the interpretation of the correlation coefficient as a measure of predictive efficiency. J. Educ. Psychol., 1946, 37, 65-76.
- Brogden, H.E. An approach to the problem of differential prediction. Psychometrika, 1946, 11, 139-154.
- Brogden, H.E. Variation in test validity with variation in the distribution of item difficulties, number of items, and degree of their intercorrelation. Psychometrika, 1946, 11, 197-214.
- Brogden, H.E. A new coefficient: Application to biserial correlation and to estimation of selective efficiency. Psychometrika, 1949, 14, 169-182.
- Brogden, H.E. When testing pays off. Personnel Psychol., 1949, 2, 171-183.
- Brogden, H.E. and Taylor, E.K. The dollar criterion--applying the cost accounting concept to criterion construction. Personnel Psychol., 1950, 3, 133-154. Reprinted in Fleishman, Edwin A. Studies in Personnel and Industrial Psychology, (Rev. Ed.) Homewood, IL: The Dorsey Press, 1967.
- Brogden, H.E. and Taylor, E.K. The theory and classification of criterion bias. Educ. Psychol. Measmt., 1950, 10, 159-186. Reprinted in Payne, D.A. and McMorris, R.F. Educational and Psychological Measurement, Walton, MA: Blaisdell Publishing Co., 1967.
- Brogden, H.E. The primary traits in the Allport-Vernon Test of values. Psychol. Monogr., 1952, 16, 1-31.
- Brogden, H.E., Baier, D.E., and Taylor, E.K. Experimental design: Utilization of an unreliable and a biased criterion. Educ. Psychol. Measmt., 1953, 13, 27-33.
- Brogden, H.E. Increased efficiency of selection resulting from replacement of a single predictor with several differential predictors. Educ. and Psychol. Measmt., 1951, 11, 173-195.
- Brogden, H.E. Statistical theory and research design. Annual Review of Psychol., 1954, 5, 377-400.
- Brogden, H.E. A rationale for minimizing distortion in personality questionnaire keys. Psychometrika, 1954, 19, 141-148.
- Brogden, H.E. A simple proof of a classification theorem. Psychometrika, 1954, 19, 205-208.

- Brogden, H.E. Least squares estimates and optimal classification. Psychometrika, 1955, 20, 249-252.
- Brogden, H.E. The expected variance of the sample errors for a set of item-criterion correlations. Psychometrika, 1957, 22, 75-78.
- Brogden, H.E. New problems for old solutions. Psychometrika, 1957, 22, 301-309.
- Brogden, H.E. Efficiency of classification as a function of number of jobs, percent rejected and the validity and intercorrelation of job performance measures. Educ. and Psychol. Measmt., 1959, 19, 181-190.
- Brogden, H.E. Simplified regression patterns for classification. Psychometrika, 1964, 29, 393-396.
- Gaylord, R.H. and Brogden, H.E. Optimal weighting of unreliable criterion elements. Educ. and Psychol. Measmt., 1964, 24, 529-533.
- Brogden, H.E. Pattern, structure and the interpretation of factors. Psych. Bulletin, 1969, 72, 375-378.
- Brogden, H.E. Further comments on the interpretation of factors. Psych. Bulletin, 1971, 75, 362-364.
- Brogden, H.E. Some observations on two methods in psychology. Psych. Bulletin, 1972, 77, 431-437.

PURDUE UNIVERSITY

DEPARTMENT OF PSYCHOLOGY

LAFAYETTE, INDIANA 47907

July 20, 1964

Dr. H. E. Brogden
108 Devon Drive
Falls Church, Virginia

Dear Dr. Brogden:

I am happy to welcome you to the staff of the School of Humanities, Social Science and Education. The School is growing rapidly and making significant additions in curricula and degrees. I hope you will find your association with us both exciting and pleasant, and I encourage you to make yourself familiar with the programs and operations of the School and to participate in its development.

Each fall a series of University-wide meetings is held to enable new faculty members to become familiar with the organization and nature of the University. These meetings begin with the President's Convocation and Reception on Wednesday evening, September 9th at 8:00 p.m. in the Loeb Theatre of the Memorial Center. Husbands and wives of the new staff members are invited to attend this function.

On Thursday and Friday mornings, meetings especially planned to acquaint new faculty members with Purdue University are scheduled as described in the enclosed copy of the program.

It is my hope that through these meetings you will gain an understanding of Purdue which will help you in your first days here. In addition, the Program for New Faculty will give you an opportunity to become acquainted with other new staff members and with some of the other members of the faculty.

I hope that you will attend the sessions of the Program and that you will find them helpful.

Very sincerely yours,

Marbury B. Ogle, Jr.
Dean

MBO/sv
enclosure

April 16, 1995 BZ

**Hubert E. Brogden, 81,
Purdue professor emeritus**

Professor Emeritus Hubert E. Brogden, 81, formerly of 130 Sumac Drive, WL, died at 2:55 a.m. Saturday, April 15, in St. Elizabeth Hospital Medical Center.

He was born Oct. 9, 1913, in Sydney, Australia, moving to Lafayette in the early 1960s. His marriage was to Catherine Romano, Sept. 27, 1951, in Washington, D.C., and she died in November 1976.

Dr. Brogden received his bachelor's degree and doctorate at the University of Illinois. He was professor of psychology at Purdue from 1964 until his retirement in 1979. He was named professor emeritus of psychological sciences at Purdue in 1979.

Prior to coming to Purdue, Dr. Brogden was an instructor at Ohio State University from 1939-40, a senior statistician at Louisiana State Public Health Service in 1942, was with the U. S. Public Health Service from 1942-43, and was a research psychologist with the U.S. Army from 1951 until 1954.

From 1954 until coming to Purdue, he was director of research for the Army Adjutant Generals Office.

Dr. Brogden was a member of the American Psychological Association, Psychometric Society, serving as president in 1957, the Psychonomic Society, and the Midwestern Psychological Association.

Surviving is a brother, Douglas E. Brogden of Lincoln, Neb.

A family service is planned at a later date.

Fr S - Brogden, Hubert E.