



NEWSLETTER

OUT OF THE WILD BLUE YONDER

by
Jack Leith (Maj.)

One of the little known aids to Air Force aircrew survival in the Arctic is a compact kit containing a bottle of gin, a bottle of vermouth, one olive, and a large cocktail shaker. When forced to crash land in the frozen Northland, crew members open the kit, pour both bottles into the shaker, add ice and the olive, shake well, then wait. Sure enough, sooner or later, someone will come by and say "See here, that's no way to mix a martini." And so you see you're saved.

Armed with such vital information as this, Air Force Blue suiters arrive at Purdue for a year or more of Human Factors graduate study. There are 16 fellows in the group, four of whom are in the Ph.D. program. These are Dave Anderson, Dean Stackfleth, Bob Zeigen, and Joe Zuro. Leader of the clan of 16 is Bill Shepherd, nationally known squash player. Among the milieu of young troops and W.W. twice types there is one who claims to be the world's hottest jet pilot and international lover. All of this makes for an interesting group who will go forth and make their mark in the Aerospace future.

WHO'S DOING WHAT AND WHERE

by
George Thornton

That title probably should have a question mark after it but the editor is an optimistic so and so. Have received very little information from Alums regarding what's new in their life that they'd be willing to share with other Pagsippers. Hope this column will serve as a reminder that we want to hear from you and that we have every intention of printing what we hear.

Sam Mudd was recently given honorary mention in a national contest sponsored by the American Institute for Research for an outstanding Ph.D. thesis. (Ed. note-title was "The scaling and experimental investigation of four dimensions of pure tone and their use in an audio-visual monitoring problem.")

(CONTINUED BOTTOM NEXT COLUMN)

INTRODUCING THE NEW FACULTY

by
Gene Medvedeff



Dr. Weick

Pagsip welcomes Dr. Karl E. Weick. Dr. Weick joined the staff during the current term and is teaching courses in training, organizational behavior, and has in preparation a new course in Experimental-Social. He received his Ph.D. from Ohio State in 1962 where he did his major research in the area of Cognitive Dissonance. Also while at State he did some work on item construction of the O.S.P.E. Previously he was a research system associate at Chillicothe V. A. Hospital. His varied career has included being in radio and TV as sportcaster with such stations as WIMA-TV, WEIN, WBLY, and WIZE. We extend our welcome also to his new son Kyle, son Kirk, and wife Karen. Dr. and Mrs. Weick reside at 521 N. Grant St. in West Lafayette.

Pagsip welcomes back to Purdue Dr. Donald R. Brown as one of its two new staff members. He is currently teaching courses in statistics. Dr. Brown's B.S., M.S., and Ph.D. all were received from Purdue while on an NSF fellowship. He did his dissertation on the quantitative analysis of form perception under Dr. Michels. Last year he was an assistant professor at Ohio State University and was previously a research analyst at Evansville State Hospital. His extra curricular activities include fishing, hunting, and golf. Dr. and Mrs. Brown reside at 2204 Rainbow Lane in West Lafayette.



Dr. Brown

John McNamara has recently retired from his position as president of Food Manufacturers, Inc.

RECENT DEGREES GIVEN

January, 1962

Masters

EARL D. NORTON, JR., advisor Dr. Perloff. Estimating psychological parameters of taste by scaling preferences to selected advertisement stimuli. Now at Education Dept., Purdue University, 509 S. 30th, Lafayette, Indiana.

CAPT. TED ALDRICH, advisor Dr. Tiffin. Non-thesis. Now at Wright Patterson AFB, Dayton, Ohio.

MAJ. EDWARD WICKES, advisor Dr. McCormick. Non-thesis. Now at 9 Hillcrest Ct., Berkeley 5, Calif.

DANIEL M. GLASNER, advisor Dr. King. Modification of attitudes by use of the film "Operation Abolition." Now in Ph.D. program, Purdue University.

PETER E. MOON, advisor Dr. Tiffin. The development of a battery of tests for the selection of agricultural extension personnel. Now in Ph.D. program at Purdue University.

Ph.D.'s

DONALD LEO WASS, advisor Dr. King. The relationship between attitudes toward unions and management. Now at 7102 East 11 St., Indianapolis, Indiana.

WILLIAM H. LEFTWICH, advisor Dr. Remmers. A comparison of graphic and forced choice ratings of teaching performance at university level. Now at Dept. Psychology, University of Richmond, Richmond, Virginia.

CHARLES A. FENWICK, advisor Dr. McCormick. Effects of simulated display lag on performance in pursuit tracking with advance course information.

June, 1962

Masters

JAY L. FRIEDLAND, advisor Dr. Perloff. The effect of programmed learning upon the retention of advertising copy. Now at 1350 Shakespeare Ave., N. Y., N. Y.

JONATHAN GUTMAN, advisor Dr. Perloff. The differential effect of instruction upon scale values assigned to attitude statements. Now at 11646 Chenault St., Los Angeles, Calif.

ROY WM. HEIDTMAN, advisor Dr. King. Prediction of academic success in the undergrad Industrial Management program at Purdue. Now at 160 Willair Circle, White Plains, N. Y.

RICHARD W. HOLDEMAN, advisor Dr. Owens. Relationship of personal history to the academic success of scholarship students. Now in Ph.D. program, Purdue University.

DONALD A. ROCK, advisor Dr. Perloff. A comparison of four methods for shortening a standardized test. Now in Ph.D. program at Purdue University.

Ph.D.'s

LARRY S. SKURNIK, advisor Dr. Perloff. Factor analyses of some selected characteristics of investment behavior. Now at 28 Hertford Ave., East Sheen, London, Eng.

JAMES EDWARD ROBBINS, advisor Dr. King. An investigation of the ability to rank other people. Now at 3705 W. Maple Rd., Birmingham, Michigan.

(CONTINUED TOP OF NEXT COLUMN)

ALLAN RICHARD STARRY, advisor Dr. Tiffin. Life history antecedents of success among research and development engineers. Now at 4913 Narmal Ave., Lawrence, Indiana.

JEROME A. WEISBRÖDT, advisor Dr. Remmers. Teacher evaluation of industry - sponsored educational material and related attitudes. Now Assistant Director, Educational Reference, Engineering Administration Bldg., Purdue University.

FREDERICK B. CHANEY, advisor Dr. Owens. The life history antecedents of selected vocational interests. Now at 33101 15th Ave. S., Federal Way, Wash.

August, 1962

Masters

LT. JOSEPH A. BIRT, advisor Dr. Michels. Non-thesis. Permanent address: 1718 Walnut St., Berwick, Pa.

CAPT. DONALD J. BOREN, advisor Dr. McCormick. Non-thesis. Now at Bioastronautics, Wright Patterson AFB, Dayton, Ohio.

LT. EDWARD J. JACKO, advisor Dr. Tiffin. Non-thesis. Now at 433 Maric St., Wall-Wilmerding, Pa.

CAPT. ROBERT MATHIAS, advisor Dr. McCormick. Non-thesis. Now at 318 West Hill St., Neosho, Missouri.

FLORENCE ELIZABETH SALLY, advisor Dr. Perloff. Survey of graduate courses in consumer behavior in the United States. Now at 2905 W. Clark, Burbank, Calif.

LT. WILLIBRORD SILVA, advisor Dr. Michels. Non-thesis. Now at 552 12th Ave., Honolulu, Hawaii.

Ph.D.'s

MALCOLM N. DANOFF, advisor Dr. King. A factorial approach to the study of job satisfaction of hospital personnel. Now at Humetrics Div., Thiokol Chemical Corp., 6382 Arizona Circle, Los Angeles 45, Calif.

ALFRED I. FIKS, advisor Dr. McCormick. Feedback response made and some population variables in programmed instruction. Now at George Washington University, P. O. Box 3596, Washington 7, D. C.

by Peg Howard

EDITORIAL PREROGATIVE

or

Distaff slips into editorship

The new editor wishes to express greeting and to extend the hope that she will prove beyond the .01 level of confidence that sex differences as indicated by a slip rather than a sip are operative only in nonrelated areas of endeavor. Also this is a good opportunity to let you know we are very serious about making this a communication channel well worth reading. This we can only do, however, with your help. Keep us informed as to your whereabouts and about your doings (all that's printable, that is--we do go through the U.S. mails). Interested in your comments and complaints. Don't forget to read the letter insert of this newsletter; it's important to you and to us.

Maureen Kallick, ed.

OFF CENTER RESEARCH ACADEMY
UPPER WABASH STATE U.

SELECTION OF MAJOR PROFESSORS
THE PROFESSOR PROJECTION TEST



This page is specially designed for new graduate students who are having difficulty selecting a major professor. Suggestions for doing this scientifically come from a well known clinical psychologist, Dr. Zon Dee. The idea is to look at the pictures and select the two you dislike most and the two you like best. Pair compare the latter three times. Assign ranks and calculate the reliability. The one ranked first should then be approached with proper humility and requested to guide the studies. If he refuses or is out of town, then run through the test again. The biographical notes are intended to counteract the influence of good looks of the subject.



Professor P. Metricker

He has had a distinguished career in ASPIRIN (Army Selection of Personnel & Interest - testing Research on Idiotic Noncommissioned officers). Editor for Hitchcock's TV series "Psycho," he is situated in a building as far from the annex as he could possibly get.



Professor Joe Tiffany

Born in Iowa he worked his way through college by tuning pianos and as a minstrel. A recent text of his originally published in Spanish has been translated into English by a co-worker who managed to find time between classes.



Professor Jesse Owns

Tall sprinter from the taller corn state where he built a test for creativity which has been extremely useful in predicting the ability of plumbers to install leak-proof joints. Interested in social security benefits.



Professor T. Group

A sensitive individual. He spends most of his time in the school of Mismanagement. He still has an office in the annex and has successfully steered a couple of students through the main door into the cruel world. He likes to play basketball and football but mainly with midgets.



Professor Rubyon

Has discovered best way to make the natives of the world intelligent consumers is to enlist the services of the Peace Corps to help spread the word. Coming from a job in Research and Development he has been able to translate all Academia into these terms.



Professor McFangle

Formerly with the Bureau of Census, he got fed up waiting 10 yrs. between assignments and came to U.W.S. His latest book "Factored Humans" contains many useful hints on how to squeeze experimental psychologists in small foreign cars.

Peter Moon

rites of initiation
by
Al Fisher

The new group of Pagsip students (ca 1962) had their 1st order regression at a brand new landmark of W. Laf., the Congress Inn on the North 52 bypass. There in a room accommodating 200 plus, the peerage distributed themselves rapidly following random walk processes in an attempt to complete the triangle between bar, piano, and tables.

Musical entertainment varied from "Sing Along with Joe" to some Edwardian Ballads reminiscent of Oscar Brank. One peer was rumored to have some scotch, thereby frustrating the W. Laf. traditionally high preference for a watery amber fluid but this is only hearsay. For after ale, the Congress supplies champagne for anyone \pm 2 sigmas from the Grand Mean.

PAGSIP IN THE SPACE AGE

Making headlines today in every country of the world are Purdue graduates, Grissom and Armstrong, two of the astronauts. What we haven't heard about are the many Purdue Pagsippers behind the scenes who are helping develop the equipment, select the men, and so forth. We would like to let you read about them at least here in the Newsletter.Let us take this opportunity to ask our Pagsip alums working on space projects to let us hear from them. We would like to publish a roundup of our space people.

ANNUAL FALL DINNER DANCE
by
Roy Roberts

To be held on Saturday evening, November 10, at The Trails. Cocktails at 6:00 p.m. and a steak dinner at 7:00 p.m. Champagne provided by recent PhD recipients and candidate, Fred Chaney, Bill Byham, Bill Scott, Al Fiks, and Bob Thomson. Actives, Alums, and guests, be sure to join us.

THE SELECTION OF PURDUE UNIVERSITY
N.S.F. COOP FELLOWS

by
Bob Sugarman
(Mike Rosenfeld completed this
interesting study this summer.)

The purpose was to describe the manner in which the Purdue Fellowship committee uses its local information to rank all Purdue applicants, to describe the manner in which the NSF evaluator panel utilizes this same information and to describe the manner in which the NSF panel utilizes the same information with the addition of the Purdue Bank.

Using predictor information that was available to both groups a multiple regression equation was developed for each of the three purposes described above. The equation was validated on the Purdue ranked physical science applicants for the 62-63 fellowship year (N=78) and the significant predictors, that is, those that added significantly to the multiple R, were cross validated on the ranked physical science applicants for the 61-62 fellowship year (N=60).

The results indicated that for purpose 1 the validation correlation was .88 and cross validated at .78. For purpose 2 it was .85 and cross validated at .66. For purpose 3 it was .96 and cross validated at .79.

Here is a situation where both the input (predictor information) and output (judgment) are known and capable of quantification. Therefore it was possible to postulate functional relationships between input and output. With the use of the multiple regression equation, he has a mathematical model simulating the judgment process. The accuracy of this linear model can be assessed by the inspection of the multiple R. It even has some practical applications. Now a secretary utilizing a desk calculator and the weights developed to meet this purpose can secure a rough ranking of all Purdue applicants across all departments with a great deal of assurance that Purdue ranks are comparable with the NSF ranks.

THE PAGESIPPICNIC OR
HOT TIME NEAR THE WABASH

by
Ivan Ross

Pagsippers, pagslippers, and little slips of Pagers met in joyous reunion on Saturday, September 29, at The Hills.

Welcomed by chairman Dan Glasner, members made a quick stop at the refreshment stand, then vigorously plunged into a variety of planned (and unplanned activity).

(CONTINUED TOP OF NEXT COLUMN)

Perhaps the most stimulating athletic event of the afternoon was the touch football game. After hours of excited anticipation, Dr. King joined the fun and although there were no injuries, a good time was had by all. The final score, as near as anyone could figure, was 3-3, the game being called on account of fatigue.

After hearty appetites had attacked, and successfully overcome the excellently planned cuisine, members reluctantly began to depart . . . many humming "The old grey mare . . ." By 9:00 p.m. it was all over except for the morning after.

INTELLECTUAL FUNCTIONS
WITH AGE

by
Richard Gillmer

Professor W. A. Owens is presently in the final stages of a notable study regarding the nature of the intellectual functions with age. The study was made possible through a grant by the Department of Health, Education and Welfare.

The study is particularly unique in that it is longitudinal and covers a time period of 42 yrs. Data from a 1919 administration of the Army Alpha administered to freshmen at Iowa State College were made available and Dr. Owens was able to locate and retest 127 of these people with the same test in 1950. The most recent effort, and the one which forms the basis for the study now in progress, was the retesting of 96 of the original sample in 1961. The mean age of the sample in 1919 was 19 years and was 61 years in 1961.

Cross sectional findings generally report that mental abilities reach a peak somewhere in the 20's and begin declining thereafter. The longitudinal evidence presently available in Dr. Owen's study contradict, at least in part, the theory of a decline in the 20's. In examining the trends of the three components over time, the mean score for the Verbal comp. increased significantly from 1919 to 1961, the Reasoning component increased very slightly, and the Numerical component decreased very slightly.

Aside from the longitudinal trends in test scores, life history antecedents of shifts in mental ability scores were obtained through the administration of a "Life Experience Inventory."

When the study is completed Dr. Owens and his assistants, Dick Gillmer, Paul Kelley, Mike Rosenfeld, and Lyle Schoenfeld, hope to have contributed data on these pertinent areas which will bring to light more findings that have perhaps been covered by the cross sectional studies.

AN OPEN LETTER TO PAGESIPPERS

The Newsletter Committee wishes to call your attention to a new service of the Newsletter. Beginning with the next Pre-MPA issue, the Newsletter will accept advertising from organizations desiring to have their personnel needs of an industrial psychology nature known by past and present Pagsippers.

This advertising, at a rate of \$5.00/col. inch, may take any form but probably would consist of certain basic elements, such as: proposed job title and brief job description, proposed starting date, location, advantages, and possibly salary and particulars. In addition, the advertising will allow a company to announce its intention to interview applicants at MPA, possibly suggesting meeting places, names of interviewers, etc. As you can see, this pre-notification has distinct recruitment advantages.

The Newsletter now reaches both 74 current PhD and MS graduate students at Purdue, as well as 236 alumni. Thus, for a very low dollar cost, your personnel needs of a professional psychologist nature can be viewed by a very eligible audience.

This service will begin with the next issue. The Newsletter Committee also expects to release a third Newsletter this year. All copy, payments, suggestions, and any questions you may have about this service should be addressed to the name and address below. We sincerely hope that you, as a Pagsipper and Alum, will respond to this service, viewing it both as an outgrowth of the continued attempt of the Newsletter to improve in quality and value to its readers, and from the strict practical returns of utilizing such a function to augment your present and future personnel projections.

Pagsip Newsletter
c/o Allan Fisher or Maureen Kallick
Post Office Box Number 1036
Lafayette, Indiana