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N E W S L E T T E R

Division of Military Psychology

DIVISION 19
AMERICAN PSYCHOLOGICAL ASSOCIATION

June 1973

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Aerospace Medical Research
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Wright-Patterson AFB, Ohio 45433

1. MESSAGE FROM THE PRESIDENT

JULIEN M. CHRISTENSEN, PhD

TO: All Members of Division 19

This is my last message to you as your President, a position that I have been proud to hold since last September.

While we have accomplished less than we set out to do, nevertheless, it has been a year of at least modest achievement. The brochure, started under my predecessor, Dr. Eckstrand, should be in your hands in approximately one month.

We registered our feelings regarding the APA Council's resolution on the treatment of returning POW's. I have received three letters from you, the membership, one from an APA Council member, and several telephone calls and direct verbal communications. Each endorsed the position I took; most felt that I didn't go far enough. I have yet to receive a letter or call of disagreement. However, at a friend's suggestion, I have sent the message to Dr. Little for reproduction in either the American Psychologist or the APA Monitor. The tenor of the responses may then change dramatically. I will let you know in Montreal.

It is only proper that I now acknowledge the assistance of several key people. First, I must mention my close associate and personal friend, Walt Grether, who has served with such exceptional skill as our Newsletter Editor for two years. (Walt understandably declines to continue in this capacity. If you would care to serve as his replacement, please contact Howard McFann.) Walt's unique ability to take a few scraps of information and a note or two and turn out a first-class newsletter convinces me that he missed his calling; he would have made an exceptional journalist. Perhaps you know that this gentleman who has contributed so much to military psychology is about to retire. There are many of us who are better scientists and persons because we were privileged to work with him. The very best of luck to you, Walt, and may all your wood be splinter-free. (Walt has become an accomplished wood-carver. If you have a chunk of unique wood suitable for carving, send it to him; he turns out some lively peices of art from some rather vapid blocks of xylem.)

My sincere thanks to Art Drucker who has served as Secretary-Treasurer. Art combines just the right amount of initiative to get things done with the good judgment to know when to consult before taking action.

To John Rasmussen and Jay Uhlaner, I express the gratitude of our membership for their service as representatives to Council. (No, I don't know how they voted on the POW resolution; they are their own men, as they should be, but I'm sure that you were represented well.) Jay is the remaining representative to Council and I know that he would like to hear from you on the issues that face APA.

My thanks go also to Jimmy Hatfield who chaired the Elections Committee, Wallie Sanaiko of the Fellows Committee, Dirk Prather of the Program Committee and John Breeskin of the Membership Committee. We will have reports from each of them at Montreal.

Unfortunately, due to illness, our good friend, Jack Parris, had to resign as Chairman of the committee that we established to study possible contributions that military psychologists might make to help assure success of the all-volunteer service in this country. It was Jack, you may recall, who did such great work on the brochure which you will be receiving soon. We wish Jack a speedy recovery.

I'm happy to report that we were able to persuade Aaron Nadel to accept the chairmanship that Jack had to relinquish. Naturally, this means a delay in getting the committee formed and active but I'm relieved that such a capable pair of hands stepped forward to handle this extremely important assignment.

Finally, let me urge you to support Howard McFann and his staff next year. Call him; write to him; make him aware of your feelings. Everyone with whom I associated this past year both within Division 19 and at APA Headquarters was alert, interested and responsive. But I didn't hear from as many of you as I would have wished for. With the membership solidly behind him, the President and Executive Committee of Division 19 can have an effect. And they should.

Finally, I urge you to try to get to Montreal for the annual meeting. Dirk Prather and his Committee have done a great job on the Division 19 program. Please come, attend our sessions, argue, comment and meet old friends. See you in Montreal.

Best wishes,

Chris

2. DIVISION OF MILITARY PSYCHOLOGY
AMERICAN PSYCHOLOGICAL ASSOCIATION PROGRAM

1973

by

Dirk C. Prather, Program Chairman

Symposium: Race Relations Research in the Army

**Scheduled: Monday, 27 August, 0900-1050, Place Bonaventure Hotel, Room H
James A. Thomas, U. S. Army Research Institute for the Behavioral and Social
Sciences, Arlington, VA, chair.**

**Participants: Louis Decker, Roy Littlejohn Associates, Washington, D. C.
Career Motivators for Black Army Personnel.**

Stanley Crockett, Roy Littlejohn Associates, Washington, D. C.

Attitudes, Beliefs and Perceptions of Black and White Army Personnel.

Daniel Landis, University City Science Center, Philadelphia

The Cultural Assimilator - A Race Relations Training Technique.

Peter Nordlie, Human Sciences Research, McLean, VA.

Black-White Perceptions of the Army's Race Relations Program.

Lawrence Johnson, Lawrence Johnson Associates, Washington, D. C.

The Spanish Ethnic Soldier.

Paper Session: Leadership and Motivation

**Scheduled: Monday, 27 August, 1100-1150, Place Bonaventure Hotel, Room E
Earl I. Jones, Naval Personnel and Training Research Laboratory, San Diego,
CA, chair.**

**Effects of Differences in Incongruity Adaption Levels and Environmental Turbulence
on Successful Completion and Leadership Effectiveness in Officer Candidate School.
Phillip L. Hunsaker, University of Wisconsin-Milwaukee.**

**Some Restraints on the Actualization of Soldier Performance Motivation and Implica-
tions for the Modern Army. Stanley L. Cohen and John R. Turney, U.S. Army
Research Institute for the Behavioral and Social Sciences, Arlington, VA.**

**Predictions and Self-fulfilling Prophecies of Army Discipline. D. B. Bell, S. F.
Bolin, T. J. Houston and D. M. Kristiansen, U.S. Army Research Institute for
the Behavioral and Social Sciences, Arlington, VA.**

**Prediction of Advanced Army ROTC Summer Camp Leadership. A. David
Mangelsdorff, Academy of Health Sciences, Ft. Sam Houston, TX.**

Development of a Man-to-Man Rating Scale for Evaluating Performance.

William H. Githens and Richard S. Elster, U.S. Naval Post Graduate School.

Symposium: Psycho-Social Research on Drug Abuse in the Army

Scheduled: Monday, 27 August, 1300-1350, Place Bonaventure Hotel, Room H

Royer F. Cook, U. S. Army Research Institute for the Behavioral and Social Science, Arlington, VA, chair.

Douglas Mace, HRB Singer, State College, PA. The Influence of Social-Organizational Factors on Drug Abuse in the Army.

Robert Hostetter, Institute for Research, State College, PA. Change in Drug Use Patterns.

Atone Morton, Arthur D. Little, Cambridge, Mass. Assessment of Drug Prevention Programs.

Anthony Streeter, Arthur D. Little, Cambridge, Mass. Assessment of Drug Rehabilitation Programs.

Dale Brown, Human Science Research, McLean, VA. Military-Civilian Cooperation in the Prevention and Control of Drug Abuse.

Presidential Address

Scheduled: Monday, 27 August, 1400-1450, Place Bonaventure Hotel, Room I.

Howard McFam, HUMRRO, Presidio-Monterey, CA, chair.

Julien M. Christensen, Director, Human Engineering Division, Aerospace Medical Research Laboratory, Wright-Patterson AFB, Ohio. Limitless Man.

Business Meeting

Scheduled: Monday, 27 August, 1500-1650, Place Bonaventure Hotel, Room I.

Julien M. Christensen, President Division 19

Social Hour, Divisions 19 and 21

Scheduled: Monday, 27 August, 1700, Hotel Bonaventure, Room: Cote St. Luc.

Symposium: Human Resources Considerations in the Development of Complex Systems

Scheduled: Tuesday, 28 August, 0800-0950, Place Bonaventure Hotel, Room H.

Gordon A. Eckstrand, Air Force Human Resources Laboratory, Wright-Patterson AFB, Ohio, chair.

Participants:

Rich S. Luckew, Air Force Human Resources Laboratory, Wright-Patterson AFB, Ohio. Use of Simulation Modeling for Estimating and Controlling Manpower Requirements for New Systems.

Kenneth W. Potempa, Air Force Human Resources Laboratory, Wright-Patterson AFB, Ohio. Relationships Among System Design, Training, and Job Performance.

William B. Askren, Air Force Human Resources Laboratory, Wright-Patterson AFB, Ohio. Human Resources Data in System Design Tradeoffs.

Melvin T. Snyder, Air Force Human Resources Laboratory, Wright-Patterson AFB, Ohio. Human Resources Data Handbook for Systems Engineering.

Symposium: Field Research with Military Units: Adventures with the Green Machine

Scheduled: Tuesday, 28 August, 1000-1050, Place Bonaventure Hotel, Room E.

Stanley F. Bolin, U.S. Army Research Institute for Behavioral and Social Sciences, Arlington, VA, chair.

Donald M. Kristiansen, U.S. Army Research Institute for Behavioral and Social Sciences, Arlington, VA. Field Research: Psychologist as Grunt.

Thomas J. Houston, U.S. Army Research Institute for Behavioral and Social Sciences, Arlington, VA. Field Research: Psychologist as Detective.

Jack A. Parrish, University of South Carolina. Manipulative Field Research: Psychologist as Straw Boss.

Robert V. Heckel, University of South Carolina. Peer Evaluations and Attitudes: Psychologist as Psychologist.

Discussants:

Ralph R. Canter, Office of the Secretary of Defense, Washington, D. C.

Paper Session: Counseling and Personality

Scheduled: Tuesday, 28 August, 1100-1150, Place Bonaventure Hotel, Room E.

Edward J. Pickering, Naval Personnel and Training Research Laboratory, San Diego, CA, chair.

Peer Counseling at the United States Air Force Academy.

Robert B. Tebbs, John O'Connor, and Dirk C. Prather, United States Air Force Academy.

State and Trait Anxiety in the Voluntary Withdrawal of Student Naval Aviators from Flight Training. Steven F. Bucky, Naval Aerospace Medical Institute, and Charles D. Spielberger, University of South Florida.

Development of the Navy Human Relations Questionnaire. Peter H. Stoloff and Robert F. Lockman, Center for Naval Analyses.

Disposition and Organizational Effectiveness of Personality Disorders in a Military Setting. Jeanne M. Erickson, Darrel Edwards, and Steven F. Bucky, Navy Medical Neuropsychiatric Research Unit, San Diego, CA.

Symposium: Organizational Analysis: Models, Methods, and Criteria

Scheduled: Tuesday, 28 August, 1300-1450, Place Bonaventure Hotel, Room H.

E. K. Eric Gunderson, Navy Medical Neuropsychiatric Research Unit, San Diego.

Blair W. McDonald, Jr., Navy Medical Neuropsychiatric Research Unit, San Diego.

Individual Effectiveness Criteria as Related to Shipboard Conditions.

Lawrence R. James, Navy Medical Neuropsychiatric Research Unit, San Diego.

An Analysis of Performance Criteria, Organizational Climate, and Biographical Information: Results of a Pilot Study.

Allen P. Jones, Texas Christian University, Functioning of Organizational Units Related to Differences in Perceived Climate and Habitability.

Discussants:

Saul B. Sells, Texas Christian University.

Symposium: Men in Isolation

Scheduled: Wednesday, 29 August, 0900-1050, Place Bonaventure Hotel, Room H.

John E. Rasmussen, Human Affairs Research Center, Battelle, Seattle, chair.

Peter Suedfeld, University of British Columbia. The Individual in Experimental Isolation.

Robert L. Helmreich, University of Texas. Men in Groups in Experimental Isolation.
E. K. Eric Gunderson, Navy Medical Neuropsychiatric Research Unit, San Diego.

Men in Purposeful Isolation - The Natural Experiment.

Walter L. Wilkins, Navy Medical Neuropsychiatric Research Unit, San Diego.

Prisoners of War and Their Adaptation During and Following Confinement.

Discussants:

Paul D. Nelson, Bureau of Medicine and Surgery, Navy Department, Washington, D.C.

Paper Session: Human Factors and Training

Scheduled: Wednesday, 29 August, 1100-1150, Place Bonaventure Hotel, Room H.

Edwin G. Aiken, Naval Personnel and Training Research Laboratory, San Diego, CA,
chair.

The Effect of Verbalization on Trial-and-Error and Prompted Learning of a Perceptual Skill. Gene A. Berry, Dirk C. Prather, and John M. Bermudez, United States Air Force Academy.

Degradation in Visual Performance Related to Helmet-Mounted Displays.

L. Ralph Chason, Jock C. H. Schwank, and Richard L. Hughes, United States Air Force Academy.

Monitoring Army Radio-Communications Networks at High Altitude. Richard L.

Cahoon, U.S. Army Research Institute of Environmental Medicine, Natick, Mass.

Effects of Simplification and Multimodal Presentation on the Comprehensibility of Technical Training Materials. Martin R. Lautman, and Arthur I. Siegel, Applied Psychological Services, Inc., Wayne, Pennsylvania, & Ronald Burkett, Air Force Human Resources Laboratory, Lowry AFB, CO.

Symposium: Scientific Process of Decision Making

Scheduled: Wednesday, 29 August, 1400-1550, Place Bonaventure Hotel, Room I.

Samuel D. Stroman, U.S. Army Criminal Investigation Command, Washington, D.C.,
chair.

Gabriel D. Ofiesh, American University. Decision Making and Performance
Objectives: Assessing the Decision Making Skills.

Simon Wittes, University of Massachusetts. Power and People: Grassroots In-Put to Decision Making and Power.

Pat Miller, Air Force Technical Institute, Wright-Patterson AFB, Ohio.

Computer-based Simulation as a Vehicle to Predict Weather and Ecology.

June T. Bailey and Karen E. Claus, University of California, San Francisco.

Application of Problem Solving to Decision Making System Model for Health Care Delivery.

Russell N. Cassel, University of Wisconsin, Milwaukee. The UWM Computerized Decision Development System (DEDEV).

Symposium: Research Programs on Selection and Training of Pilots

Scheduled: Thursday, 30 August, 0900-1050, Place Bonaventure Hotel, Room G.

Leland D. Brokaw, Air Force Human Resources Laboratory, Lackland AFB, TX,
chair.

Rosalie K. Ambler, Naval Aerospace Medical Research Laboratory, Pensacola, FL.
Current Directions in Naval Aviation Selection.

Barry Fowler and Frank Musten, Canadian Forces Personnel Applied Research Unit,
Downsview, Ontario. Cognitive Strategy Tests as a Factor in Pilot Selection.

William V. Hagin, Air Force Human Resources Laboratory, Williams AFB, AZ.
The Air Force Flying Training Research Program.

Frank Musten, Barry Fowler and Bruce Archibald, Canadian Forces Applied Research
Unit. Pilot Selection in the Canadian Forces.

Wallace W. Prophet, HUMRRO Aviation Psychology Research Unit, Fort Rucker, AL.
HUMRRO Aviation Psychology Research.

Lonnie D. Valentine, Jr., Air Force Human Resources Laboratory, Lackland AFB,
TX. Research on Selection of Air Force Pilots.

Discussants:

Ralph Flexman, University of Illinois

Donald Meyer, Air Training Command, Randolph AFB, TX

Symposium: Changing Roles to Meet Changing Needs: New Directions for Psychology
in the Modern Army.

Scheduled: Thursday, 30 August, 1300-1350, Place Bonaventure Hotel, Room F.

J. Chris Hatcher, William Beaumont General Hospital, El Paso, TX.

Participants:

Charles A. Thomas, Jr., Army Psychology Consultant, Washington, D. C.
Historical Overview of the Psychologist's Role in the U. S. Army.

Robert S. Nichols, MHCS and Psychology Service, Fort Ord, CA. Psychologist as
Behavioral Scientist: A Comprehensive New Training Program.

Howard Bean, Organizational Development Directorate, Fort Ord, CA.

Organizational Development: The Uniformed Psychologist Tackles Effectiveness
Training.

Richard Hartzell, Psychology Service, William Beaumont General Hospital, El Paso,
TX. Planning for POW Return and Rehabilitation.

Paper Session: Personnel Research

Scheduled: Thursday, 30 August, 1400-1450, Place Bonaventure Hotel, Room F.

Margaret Hellie-Huyck, Illinois Institute of Technology, chair.

Predicting the Unpredictable: A Validation of the SVIB for Predicting Military Apti-
tude Ratings of Naval Academy Midshipmen. Norman M. Abrahams and Idell
Neumann, Naval Personnel and Training Research Laboratory, San Diego, CA.

A Q-Sort of Promotion Factors Utilized by an E-9 Promotion Board. John Meehan
and Stephen Knouse, Air Force Human Resources Laboratory, Lackland AFB, TX.

Should Aptitude Level Control Assignment to Technical Schools? William B. Lecznar,
Air Force Human Resources Laboratory.

Across-Time Prediction of Job Performance from Trait Ratings. Llewellyn N. Wiley,
Air Force Human Resources Laboratory.

A Methodology for the Study of Location Preferences of Airmen. Thomas C. Tuttle,
Air Force Human Resources Laboratory, and William L. Brockhaus, University
of Southern California.

Symposium: Attitude and Survey Research in the Military: A Decision Maker's Tool

Scheduled: Friday, 31 August, 0900-1050, Place Bonaventure Hotel, Room G.

Martin Wiskoff, Naval Personnel Research and Development Center, San Diego, chair.

Joel Savell, U.S. Army Research Institute for the Behavioral and Social Sciences,
Arlington, VA. Methodology and Techniques for Systematic Research on the
American Soldier.

Joe Cowan, Psychological Research Branch, U.S. Coast Guard, Washington, D.C.
The Use of an Attitude Survey Questionnaire in Predicting Reenlistment in the
U. S. Coast Guard.

Emanuel P. Somer, Naval Personnel Research and Development Center, San Diego.
Attitudinal Information Data System (AIDS): A System for Collecting, Storing and
Retrieving.

Robert B. Stephens, USAF Military Survey Program, Washington, D. C.
The USAF Survey Program.

Discussants:

R. Mallette, Personnel Applied Research Unit, Canadian Forces, Downview, Ontario.

Ruben Gall, University of California, Berkeley.

Anthony Wermuth, Center for Advanced Studies and Analyses, Westinghouse Electric
Corporation, Falls Church, VA.

3. NAVY PERSONNEL RESEARCH AND DEVELOPMENT CENTER, SAN DIEGO, CA.

by

Allan A. Sjolholm

The Navy Personnel Research and Development Center was established 1 May 1973 under the management control of the Chief of Naval Personnel and the command of the Chief of Naval Operations. Establishment of the Center represents the initiation of the development of a broader concept of research and development directed toward a total Navy manpower, personnel, education and training research capability responsive to Navy-wide requirements.

The mission of the Center is to be the principal Navy RDT&E organization for advancing and applying those sciences and technologies required to support operational and research requirements in manpower, personnel, education and training, and the Center serves as the coordinating organization for all Navy RDT&E conducted in support of these requirements.

The Navy Personnel Research and Development Center is a center of excellence for research and development and is comprised of a multi-disciplinary team of professionals (psychologists, statisticians, systems analysts, mathematicians, instructional technologists, computer programmers) at one primary location, with the resources, facilities, and support necessary to make meaningful progress in solving problems of major magnitude.

The Center is located on Point Loma in San Diego where it occupies 11 buildings. The current configuration of the Center encompasses 6 R&D directorates at the primary location and three branches (at Memphis, Norfolk, and Washington, D. C.). The establishment of an additional branch at Pensacola, Florida (to provide support to the Chief of Naval Training) is presently under consideration.

As part of its program, the Center incorporates the R&D functions previously performed by the Naval Personnel and Training Research Laboratory, San Diego and the Naval Personnel Research and Development Laboratory, Washington. Since World War II, these two laboratories have conducted research for the Bureau of Naval Personnel and other Navy organizations in the areas of manpower, personnel administration, and education and training, and their incorporation into the Center provides the initial base of professional expertise necessary to develop a Navy-wide capability on all aspects of behavioral research and development.

The manpower authorization for the Center consists of 9 officers and 27 enlisted personnel and 294 civilian personnel.

Both current problems and anticipated future problems in naval personnel administration, manpower management, and education and training are given consideration for R&D efforts by the Center. Fully responsive to researchable operational problems identified by the R&D Planning Teams of the Chief of Naval Operations, the prosecution of potential solution or amelioration of such operational problems best accomplished by professionally trained personnel within the Center are assigned and integrated into the Center program. In addition, the Center exercises internal initiative in identification of potential problems arising from completed efforts for second generation R&D and, to the extent possible, undertakes specific research and development studies within its program to provide solutions to these problems.

4. NAVY MEDICAL NEUROPSYCHIATRIC
RESEARCH UNIT, SAN DIEGO, CA.

Walter Wilkins sent me a report covering Research Highlights of 1972, for the Navy Medical Neuropsychiatric Research Unit. The report was a bit long to include as a normal item for the Newsletter, so I have attached it as an Appendix. You will find it has interesting news about important research. That organization also has a published report giving "Abstracts of Completed Research - 1972," which they will be happy to send to you.

The Editor

5. ANNOUNCEMENT AND TARGET DATES FOR THE
1973 MILITARY TESTING ASSOCIATION CONFERENCE

The 1973 Military Testing Association Conference will be held at the El Tropi-
cano Motor Hotel, San Antonio, Texas, 28 Oct - 2 Nov 1973. It is hoped that you can
attend and participate.

The purpose of the association is to:

- a. Assemble representatives of the various armed services of the United States and such other nations as might request to discuss and exchange ideas concerning assessment of military personnel.
- b. Review, study, and discuss the mission, organization, operations, and research activities of the various associated organizations engaged in military personnel assessment.
- c. Foster improved personnel assessment through exploration and presentation of new techniques and procedures for behavioral measurement, occupational analysis, manpower analysis, simulation models, training programs, selection methodology, survey and feedback systems.
- d. Promote cooperation in the exchange of assessment procedures, techniques and instruments.
- e. Stimulate and coordinate research in the various areas of military personnel systems.
- f. Promote the assessment of military personnel as a scientific adjunct to modern military personnel management within the military and professional communities.

The theme for the 1973 Conference is: "Human Resources - Growing Demands." Conference and papers will be unclassified.

The schedule for submission of papers is as follows:

- | | |
|---------|--|
| 15 June | Title and General Statement of Subject |
| 16 July | Abstract (100-300 words) and approximate time for presentation |
| 15 Oct | Complete text in final form for publication |

Registration forms and other administrative information will be forwarded at a later date.

If you know of someone who is interested in attending the Conference but was not contacted, send us their name and address so that they may be added to our mailing list.

Address replies to: AFHRL/PE (MTA), Lackland AFB, TX 78236.

6. MEETING OF THE ASSOCIATION FOR
ADVANCEMENT OF BEHAVIOR THERAPY

The Association for Advancement of Behavior Therapy announces its Seventh Annual International Convention December 7-9, 1973 at the Fontainebleau Hotel in Miami Beach, Florida. In addition to a full program of research and clinical papers, a comprehensive program of training workshops led by several notable behavior therapists will be offered. Early pre-registration is urged.

For further information and registration materials, please contact:

Richard B. Stuart, D.S.W.
AABT Program Chairman
415 East 52 Street
New York, NY 10022

7. SPECIAL ISSUE OF THE HUMAN FACTORS
JOURNAL -- CALL FOR MANUSCRIPTS

A special issue of the Human Factors Journal is planned. The issue will be on the subject of human resources as criteria for the design and development of systems. Human resources include such factors as manpower quantities, personnel job skill specialties, proficiency levels, aptitudes, costs, availability, and training effects. Papers are desired concerning topics such as: human resources in design; human resources in support planning; changing nature of human resources; impact of new technology on human resources; human resources data sources; simulation, modeling, predicting human resources; validation of predictions. Abstracts, ideas for papers, or questions should be sent to Dr. William B. Askren, Special Issue Editor, Air Force Human Resources Laboratory, AFHRL/ASR, Wright-Patterson AFB, Ohio, 45433. Telephone calls welcome on 513-255-3771.

8. LETTERS TO THE EDITOR

1505 East River Road
Minneapolis, Minn. 55414
10 April 1973

Dear Doctor Grether:

I was very pleased to receive the Division 19 Newsletter and I especially enjoyed reading President Christensen's statement in reference to the returning POWs. I was very disappointed in the APA Executive Council's premature and ill-informed resolution at its December meeting. In my Letter to Editor (Monitor, March 1973) I attempted to clarify and inform (educate ?) some of our colleagues on the issue.

Those of us who are involved in the psychological aspects of military life have a great responsibility to bridge the gaps between the profession and the military services. And I am pleased to be part of that effort.

Sincerely,

Ludwig J. Spolyar

1149 Benson Lane
Libertyville, Ill. 60048
April 14, 1973

Dear Dr. Grether:

I heartily applaud Dr. Christensen's criticism of the resolution passed by the Executive Council of the APA, but I would go a step farther. In my opinion the Council, acting in its capacity as an official body of the APA, has no right to pass a resolution which takes a position on any controversial political or social issue.

The members of the APA are all educated and intelligent persons who are affiliated simply because they are members of the same profession. It is inevitable that there exists a wide diversity of opinion about social and political issues in such a group. If a member has strong political or social convictions, he is free to ally himself with others of similar persuasion in organizations formed for promoting social or political goals, e. g. Republican Party, Democratic Party, Common Cause, Weathermen, or Black Panthers.

When the leadership of such a social or political action group takes a stand repugnant to the convictions of members, the members can disaffiliate with impunity. Not so with the APA. When the Executive Council of the APA takes such a position, it transgresses

on the rights of those members who disagree but who cannot disaffiliate without being professionally penalized. That the members of the Council choose to speak as the Council rather than as individual psychologists reveals that they wish to use the power of the APA membership to back their position.

It is long overdue for those members who dislike being used as a power base by a few activists to tell the Executive Council that this is the American Psychological Association, dammit! It is not the American Federation of Labor.

Yours truly,

E. H. Barnes, Ph.D.

9715 Carolwood Drive
San Antonio, Texas 78213
16 April 1973

Dear Mr. President,

A line of enthusiastic appreciation for your comments in the March Newsletter for Division 19. Following the activities of our APA Council, I am ashamed to be a member of APA; yet I am proud of affiliation with Division 19. I would hope that the Division could express its displeasure to the Council for the misrepresentation of many of its membership.

The local papers indicated on the 11th of April that APA had been complaining about their inability to discover what the POW treatment plans were. I applaud the decision of someone in DoD to reject the Nosy Nellies with the Negative Notions.

I would expect that you will have a number of letters to the Editor this time; my response to your questionnaire takes the line that satisfied people keep quiet. I suspect that is a socially acceptable way to describe lackadaisical indolence.

Sincerely,

Leland D. Brokaw

9. EDITOR'S FAREWELL

As Chris mentioned, this will wind up my two years as Newsletter Editor. Having presidents Eckstrand and Christensen as professional neighbors made the task an easy and pleasant one. Their secretaries, Ruth Meyers and Barbara Osman did all the hard work, and my sincere appreciation goes to both of them. My advice to our upcoming president, Howard McFann, is that he draft one of his nearby associates as the new Newsletter Editor. I will be happy to transfer to him the files and some advice on how to proceed.

WALTER F. GREYER
Ex-Editor

APPENDIX

NAVY MEDICAL NEUROPSYCHIATRIC RESEARCH UNIT SAN DIEGO, CALIFORNIA

RESEARCH HIGHLIGHTS of 1972

The report to the Director of Naval History for 1971 raised some questions about problems of adaptation of sailors and Marines and outlined how Unit research and development efforts had thrown some light upon them. Some of these problem areas continued during 1972 to respond to research scrutiny.

1. The problem of drug involvement among Navy and Marine Corps personnel.

In cooperation with the Navy's Drug Rehabilitation Centers at Miramar and Jacksonville, Unit physicians studied the characteristics of drug users; developed a drug involvement scale based on type of drug used and duration and methods of use; and reported on use patterns of marihuana and of multiple drugs.

2. Changes in attitudes toward the problem of drug usage were accompanied by changes in attitude toward inebriety in the Navy. The Unit, using its epidemiological tapes, completed some pilot studies on the diagnosis of alcoholism and the understanding of the sailor who drinks too much. Alcoholics who reach naval hospitals have a short stay and are generally returned to duty. Younger alcoholics tend to get into trouble; older ones who have a career at stake tend not to. Men in skilled ratings have lower rates of alcoholism than men in unskilled jobs.

3. How does the size of a naval vessel, the complexity of its organization and its mission affect the illness rates of the sailors comprising its crew? Minesweepers and certain auxiliary vessels have higher incidence of illness than do carriers or submarines. Epidemiological study aboard deployed vessels is designed to provide answers to these problems. During 1972, a broad research program aboard the U.S.S. KITTY HAWK collected data on these questions as well as monitoring biochemically the performance of aviators on certain missions. Only longitudinal study of health problems will provide answers.

4. The general problem of predicting illness is also addressed in these studies. Aboard ship a large proportion of days or hours lost from the job result from heat

exhaustion and from injuries. Preventive programs aimed at these factors should be worthwhile. It is also true that a sailor's age is related to his illness chances, as younger men will be more likely to be involved in arduous and stressful work.

5. The work involved in different ratings seems to be related to different rates of illness for one or another reason as illustrated by differences between yeomen and deck crewmen. Because hospital corpsmen have a noticeably higher illness incidence than do other ratings, the Unit began a series of projective studies on the health history of corpsmen.

6. Two sets of actuarial odds scores for use by psychiatrists serving in naval hospitals and by administrators were produced and distributed to the appropriate hospitals. These indicate to the clinician in one case and to the administrator in the other what characteristics in a case should be appropriately weighed, and include a formula to include such factors as number of days on the sick list, years in the service, diagnosis. For the administrator faced with a decision these factors include pay grade, wife's attitude toward the service, and a history of captain's mast..

7. With the planned initiation of an all-volunteer force for the Navy and Marine Corps, it becomes even more necessary than before to be able to predict what sorts of prospective servicemen will prove to be effective sailors and Marines. During 1972 the Unit's tables of odds for effectiveness, which weight in a simple formula the demographic, scholastic, and social characteristics predictive of effectiveness, were re-asserted by Chief of Naval Personnel and Commandant of Marine Corps as useful. Unit psychologists showed how attitudes toward the Corps and toward training are modified in Marines undergoing basic training. These changes in attitudes are related to attitudes held by drill instructors, and represent a feeling of greater affiliation with the Marine Corps.

8. The advent of the all-volunteer force may bring about the use of more women in the services. To provide a more adequate data base for decision-makers, the Unit summarized the history of psychiatric problems of women in the Navy. Their rates of hospitalization are about four times those of enlisted men, but most of these cases are of the personality disorders which would not be hospitalized in civilian life, and could be readily handled on an outpatient basis, if outpatient facilities were handy.
9. The possible effects on health and behavior of recent life events, especially those perceived as threatening life or status, have been investigated in a series of coordinated researches. Patients of the Naval Hospital, San Diego, are being studied to identify characteristics of physical status, work habits, personality, and recent life crises which might reveal high risk for near-future coronary heart disease. With the active collaboration of physicians in Sweden and Finland, Commander Richard H. Rahe has shown how, in survivors of a myocardial infarct, recent life events can be precipitating factors. These researches also served as the principal topic of an international symposium at Beitostolen, Norway, which brought together research workers from many countries. At this symposium, organized and chaired by Eric Gunderson, major papers were presented on illness as affected by biochemical factors, by Dr. Robert T. Rubin, formerly of the Unit's staff; on life change and subsequent illness by Commander Richard H. Rahe; on the long-range effects on health and personality of concentration camp and prisoner-of-war experience by the Commanding Officer, Captain Ransom J. Arthur; and on social stress in industrial societies as it affects health by the Scientific Director, Dr. Walter L. Wilkins.
10. The Unit has reviewed its decade of research on adaptation in Antarctic wintering-over parties. A reasonably reliable and demonstrably valid screening procedure has been developed. The usefulness of peer nominations in assessing

individual adjustment has been shown.

11. The Unit's studies of biochemical monitoring of stressful performance continued, with operational data collection on pilots of the U.S.S. KITTY HAWK during two different periods of Vietnam duty. Studies of both pilots and underwater swimmers tend to show that when subjects are well motivated and eager to accept new challenges, serum uric acid levels are high. When subjects felt overburdened by demands of the program, apprehensive about failure, or were physically relatively inactive, serum cholesterol values were higher than at other times. When subjects were anticipating new demands or tasks, serum cortisol levels increased but then declined as the new situations were experienced and became familiar. Subjects in dangerous circumstances who had rates of responsibility and decision-making had higher serum cortisol levels than did those who experienced the same circumstances but were passive participants. Subjects tended to have greater urine 3-methoxy-4-hydroxyphenylglycol, as a possible index of brain norepinephrine turnover, in situations requiring greater alertness and concentration. Anticipation of stress as well as the performance demands of a stressful situation and the role demands can be very influential in affecting the psychophysiological responses of individuals.

12. As the Department of Defense's principal research capability for the study of sleep, the Unit continued its efforts, partially supported by Advanced Research Projects Agency (ARPA). Sleep data were collected, along with biochemical and performance data, on the U.S.S. KITTY HAWK. These data illustrated again the resiliency of the young serviceman--especially the carrier pilot. In another experiment a youthful volunteer gradually reduced the amount of sleep per night he allowed himself. This type of experiment is being expanded and refined in a joint project with the University of California, Irvine.

13. Self-regulation of certain autonomic nervous system functions have been

thought to have promise as controllers of various behaviors, including the effects of inadequate or poor quality sleep. The Unit's research, in this case, funded by ARPA, suggests that control of the alpha rhythm of the brain may be less useful as a sleep substitute than had been hoped. There are, however, some additional efforts to be pursued in 1973, which may supply details which may have more promise.

14. The advantage of youth and of good health in resisting effects of aversive stimuli was demonstrated in an experiment (jointly with the Naval Undersea Center and the Naval Electronics Laboratory Center) on how a continual noise affects performance. Although sailors complained of disturbed sleep, objective measures of sleep showed that they adapted quite well. Older persons, including some of the experimenters, experienced more difficulty.

15. Effects of strenuous physical exercise, especially in middle-aged men, were studied in samples of competitors in the United States Masters swimming meets. A decline of one percent per year in performance seems to obtain in these superbly trained contestants--as compared with the optimal performance of 25-year olds.

16. The comprehensive plan for optimal medical care of prisoners of war in Southeast Asia. Continuing its study of the adaptation of prisoners from World War II and Korea and taking into consideration the changed circumstances in Vietnam, the Center for Prisoner of War Studies, a division of the Unit, developed optimal medical assessment plans to insure that needed medical baseline data would be collected upon every released man. With the aid of Army medical department officers ordered to the Unit on permanent change of stations and the aid of Air Force physicians on episodic temporary duty, the Center developed a manual for physicians to use in assessing the medical status of former prisoners. In addition, a 50% sample of the wives of Army, Navy and Marine Corps (but not Air

Highlights, cont.

Force) were interviewed to determine the incidence of possible problems in the father-absent families.