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DIVISION OF MILITARY PSYCHOLOGY

DIVISION 19

W

AMERICAN PSYCHOLOGICAL ASSOCIATION

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JUNE 1974

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EXECUTIVE COMMITTEE

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President: Howard H. McFann
President-Elect: Earl A. Alluisi
Past President: Julien M. Christensen
Secretary-Treasurer: Arthur J. Drucker
Representative to Council: J. E. Uhlener
Member-at-Large: Leland D. Brokaw
Member-at-Large: Jimmy Hatfield

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STANDING COMMITTEE CHAIRMEN

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Election: Ralph Dusek
Fellows: Earl Jones
Membership: John Breeskin
Program: Bart Tebbs

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EDITOR

R

Elaine N. Taylor
Human Resources Research Organization
Western Division - Carmel Office
27857 Berwick Drive
Carmel, California 93921

TABLE OF CONTENTS

	Page
MESSAGE FROM THE PRESIDENT Howard H. McFam	1
TREASURER'S REPORT	2
ACTIVITIES OF STANDING COMMITTEES	2
MILITARY PSYCHOLOGY AWARDS FUND PAPERS MAY STILL BE SUBMITTED	3
REACTION TO PROPOSED MERGER OF DIVISIONS 19 AND 21	3
EMPLOYMENT STATUS OF DIVISION 19 MEMBERS	4
RECENT ACTIVITIES AND RESEARCH IN PROGRESS AT NAVY PERSONNEL RESEARCH AND DEVELOPMENT CENTER, SAN DIEGO	6
DEFENSE SCIENCE BOARD TASK FORCE ON TRAINING TECHNOLOGY ESTABLISHED	8
ALLUISI TO WRITE CHAPTER FOR ANNUAL REVIEW OF PSYCHOLOGY . . .	8
BOOKS BY WERTHEIMER TO BE DISTRIBUTED	8
PERSONNEL CHANGES	9
MEETINGS	
HUMAN FACTORS WORKSHOP CONDUCTED BY APPLIED PSYCHOLOGICAL SERVICES	9
MILITARY TESTING ASSOCIATION PLANS 16TH ANNUAL CONFERENCE	10
EDITOR'S NOTE	10
ANNUAL MEETING PROGRAM FOR DIVISION 19 - 1974 MONTELEONE HOTEL, NEW ORLEANS	11

DIVISION 19 COMMITTEE MEMBERS

Fellows Committee

Earl Jones, Chairman
William A. McClelland
H. Wallace Sinaiko

Program Committee

Bart Tebbs, Chairman
James K. Arima
Lloyd R. Chason
Donald F. Haggard
Charles Thomas, Jr.

Membership Committee

John Breeskin, Chairman
Gale W. Bach
Ralph Chasson
Raphael Dubrovner

Elections Committee

Ralph Dusek, Chairman
Charles Thomas
Thomas Myers

Members of Division 19 presently serving on APA committees are as follows:

Membership: Edwin A. Fleishman, E. Lowell Kelley

Council of Editors: Edwin A. Fleishman

Finance: William McGehee

Publications & Communications: Arthur W. Melton, Robert M. Gagne

Ad Hoc Committee on Archival History: Charles W. Bray, Leonard Carmichael

Task Force on Standards & Service Facilities: Harold A. Edgerton

Ad Hoc Committee on Newly Emerging Areas of Research: John E. Rasmussen

MESSAGE FROM THE PRESIDENT

Howard H. McFann

Included in this NEWSLETTER is the Division 19 Schedule for the Annual APA Meetings in New Orleans. In reviewing the program, I was struck with the diversity of topics as well as the applicability of much of the content beyond military psychology. Clearly, a broad spectrum of interest and subject matter is represented. Typifying the breadth are the joint sessions with four other Divisions, specifically, Div. 9 (Society for the Psychological Study of Social Issues), Div. 14 (Division of Industrial and Organizational Psychology), Div. 21 (Society of Engineering Psychology) and Div. 35 (Psychology of Women). As last year, our Social Hour (Fri., 30 Aug., at 5PM) is jointly sponsored by Divisions 19 and 21. I especially want to bring to your attention our invited speakers, The Honorable William Brehm, and MG Robert Gard. I have had the pleasure of knowing both of these gentlemen and was delighted that they agreed to travel to New Orleans to be our invited speakers. Their topics are most pertinent to us and I urge you to support their endeavors for us by spreading the word to others as well as attending their sessions yourself.

Contrary to the usual practice of having the business meeting and the Division Presidential address back-to-back, it was necessary to schedule them at separate times. Please note the Business Meeting is scheduled for 4:00 PM on Sat. 31 Aug. If you have topics you wish to have included in the meeting please let me know either by calling me at (408) 625-1347 or dropping me a note at the following address:

HumRRO Western Division
27857 Berwick Drive
Carmel, California 93921

Thanks to the efforts of Art Drucker and Elaine Taylor, you will find in this issue of the NEWSLETTER, information on the makeup of our Division. I think you will find this information of interest - at least I did and we do have a fair number of inquiries on the topic.

In my last message to you as President of the Military Division, I wish to take this opportunity to formally express my deep appreciation for all of the assistance rendered to me. The committee chairmen and their members have all contributed much time and effort to the operation of the Division. Jay Uhlener, our Council Representative, continues to represent us at the association level as well as keeping us informed. All members of the Executive Committee have been most cooperative and supportive. Two people that deserve special recognition are Art Drucker and Elaine Taylor. The special knowledge and dedication of Art Drucker has been critical to the operation of the Division. Art deserves the greatest plaudit possible, not only because he spends many hours working for the Division but also for

the excellent guidance that he has provided me. Elaine Taylor's activities are a little more obvious since there is a definite product, the NEWSLETTER. Many thanks go to her not only for the fine job she has done, but also for her "prodding" me and others to provide her with newsy materials.

Last, but not least, is the full awareness that our Division can only be measured by the participation of members. Throughout this year I have found that there is not only a willingness but also a desire to participate. Thank you for allowing me the privilege of representing our Division this year, and to wish our President-Elect, Earl Alluisi, the best for the coming year.

Looking forward to seeing you in New Orleans.

TREASURER'S REPORT

Art Drucker reports a balance of \$1,930.28 in the Treasury as of 1 June '74. Since the last report, an APA allotment of \$712.00 for Division dues has been received as income. Expenses have included: \$127.55 for NEWSLETTER reproduction and mailing, \$143.45 for phone bills, and \$145.00 for the professional activities computer tabulation of the Division 19 membership.

The balance for the Military Psychology Awards Fund remains at \$834.72.

ACTIVITIES OF STANDING COMMITTEES

The Election Committee has submitted the names of nominees for President-Elect (Arthur J. Drucker, Paul Nelson and Charles Thomas) and Representative to the APA Council (Julien M. Christensen, E. Ralph Dusek, and William A. McClelland) to the APA Central Office for inclusion in the ballot for the annual election of officers.

The Fellows Committee has received and acted on nominees for Fellows status in Division 19 and a letter of recommendations has been submitted to APA for processing. Candidates for Fellows status must be approved not only by the Fellows Committee of the Division, but also by the APA Membership Committee and the APA Board of Directors prior to being submitted to the APA Council for election as Fellows.

The Membership Committee has received and acted upon more than two dozen applications for membership. This number of applicants "represents a vintage year" according to John Breeskin, Chairperson of the Membership Committee. The deadline for receipt of applications for membership is 1 July. A list of candidates recommended for membership will be submitted to the general membership for approval at the 1974 Business Meeting of the Division (Saturday, August 31, 4:00 PM in La Nouvelle Orleans West).

The Program Committee has scheduled a remarkably varied program for Division 19 at the 1974 annual meeting of the APA. Ten symposia, five paper sessions, and two invited addresses are among the offerings. The program is presented as the last section of this NEWSLETTER. (See page 11).

MILITARY PSYCHOLOGY AWARDS FUND

PAPERS MAY STILL BE SUBMITTED

In the March NEWSLETTER, the Division 19 Executive Committee announced an honorarium of \$250 for the best paper presented in the Division 19 program at the next annual meeting of APA.

Papers may be submitted to the Awards Committee until the end of July. Interested program participants should send 5 copies of their paper to the Chairperson of the committee, Dr. Earl A. Alluisi, Psychology Department, Old Dominion University, Norfolk, Virginia, 23508.

All participants are eligible for the award except symposia discussants and individuals presenting invited addresses.

REACTION TO PROPOSED MERGER OF DIVISIONS 19 AND 21

Dr. Earl Alluisi has received one letter expressing a favorable reaction to the proposed merger of Divisions 19 and 21 (Division of Military Psychology and Society of Engineering Psychologists, respectively). While this question remains under study, Dr. Alluisi will welcome any additional input from members of these divisions. (For address see preceding article.)

EMPLOYMENT STATUS OF DIVISION 19 MEMBERS

If you have ever wondered who your fellow members of Division 19 are, we have a little information for you.

With the approval of the Executive Committee, Dr. Arthur Drucker recently arranged with the APA Central Office to provide a printout on employment data of the Division 19 membership.

While the entire membership in Division 19 had reached 432 at the time the 1973 APA Directory was published, the data presented here are based upon 371 members who responded to the APA-CPA survey conducted in the latter half of CY' 72.

Presented below are percentages of Division 19 members by:
(1) highest degree held, (2) employment in educational institutions versus other, (3) type of educational institutions in which employed, (4) department or school in which employed in educational setting, (5) type of setting in which employed if in non-educational institutions.

1. DIVISION 19 MEMBERS BY HIGHEST DEGREE HELD (N = 371)

<u>Degree</u>	<u>%</u>
Doctorates	84
Masters	15
Others	1

2. DIVISION 19 MEMBERS BY EMPLOYMENT SETTING (N = 371)

<u>Setting</u>	<u>%</u>
Educational Institution	29
Non-Educational Institution	71

3. DIVISION 19 MEMBERS EMPLOYED IN EDUCATIONAL INSTITUTIONS By Type of Institution (N = 109)

<u>Type</u>	<u>%</u>
University	74
Four-year college	14
Two-year college	5
Other	7

4. DIVISION 19 MEMBERS IN VARIOUS ORGANIZATIONAL SETTINGS WITHIN EDUCATIONAL INSTITUTION

<u>Department or School</u>	(N = 109)	<u>%</u>
Psychology		41
Education		10
Behavioral Science		8
Medicine		4
Business		4
Managerial or administrative staff		13
Clinical, counseling or other student services		6
Other		3
No response		11

5. DIVISION 19 MEMBERS EMPLOYED IN NON-EDUCATIONAL SETTINGS
By Type of Setting

<u>Type of Setting</u>	(N = 261)	<u>%</u>
Hospital		5
Research establishment		25
Independent or group practice		4
Private consulting firm		4
Business or industry		8
Government department, agency, bureau, etc.		20
Military service		19
Other		3
No response		12

Of the 371 respondents, 84% hold doctorates. A relatively small proportion, 29%, are employed in educational institutions. Of these 29% (or 109 members, a sizeable majority, 74% are employed at the university level and the highest percentage, 41%, employed by educational institutions are in departments of psychology. Of the remaining 261 respondents, 25% are in research establishments, followed by 20% in government departments or agencies, and 19% in military service.

One question in the survey was written to determine percent of time respondents spend in a variety of specific professional activities. These data suggest that most Division members devote a small amount of their time (1 - 10%) to each of a wide variety of activities. Put the other way, very few members concentrate a considerable amount of time in one specific activity.

RECENT ACTIVITIES AND RESEARCH IN PROGRESS AT NAVY PERSONNEL RESEARCH AND DEVELOPMENT CENTER, SAN DIEGO

CONFERENCE ON COMPUTERIZED DATA BASES: A meeting on the technology and uses of computerized data bases was held on March 26-28, 1974 in San Diego. The meeting was co-hosted by Gene Gloye of the Office of Naval Research and Laurie Broedling of the Navy Personnel Research and Development Center. Most of those attending were from the Navy research community.

The presentations covered a wide variety of topics. A presentation on Rapidly Extensible Language (REL) was given by Frederick Thompson of Cal Tech. Three people from the Institute of Social Research at the University of Michigan spoke on various aspects of archiving: Jack Drexler on the Survey of Organizations data base, Carolyn Geda on the operation of the Survey Research Archive, and Gregory Marks on the OSIRIS data management software system. Howard Morgan of the University of Pennsylvania spoke on the ASAP data analysis and management software and on the principles of effective file design. Carol Smith, Bob Katter, and Gloria Grace, of the Systems Development Corporation, described relevant ongoing projects at SDC. An automated medical diagnosis project was described by Fred Muckler of Manned Systems Sciences, a computerized data base of psychiatric case records was described by Diane Ramsey-Klee of R-K Systems Design, and an automated medical record-keeping system was presented by Giovanni Wiederhold of Stanford Medical School. Laurie Broedling of NPRDC described AIDS, a system for attitudinal research, having a research data archive as an integral part. Ken Boles of the University of California, San Diego, presented material on the ARPA net, Marshall Pease and Abe Waksman of Stanford Research Institute described projects on modeling management information systems, and Don Gaver of the Naval Postgraduate School presented the results of a study on the feasibility of building a Navy research data archive.

These presentations indicated that an extensive technology already exists and is being advanced daily in all aspects of data base construction and operation. The most encouraging characteristic of this technology is its flexibility, which makes possible highly sophisticated data management at reasonable cost.

COMPUTERIZED PERFORMANCE EVALUATION REPORTING: The NPRDC-developed system of computerized enlisted performance evaluation reporting is rapidly moving toward complete operational use. The new personnel rating documents are submitted on Optical Character Reader (OCR) forms and scanned on a CDC 915 Reader, which makes possible fast and accurate electronic processing and analysis of the individuals' performance marks for such purposes as selection for advancement, job assignment, and quality retention.

The principal weakness of the old form was the pile-up of marks at the high end of the scale, especially for the upper pay grades. This reduced differentiation and thus impaired the usefulness of the data. Inflation of marks was substantially reduced on the new forms by: (1) tailoring forms for several pay grade groups; (2) designing marking

scales which acknowledged the superior quality of performance which is typical of rates in the upper-grade supervisory positions; and (3) emphasizing "modal anchors" which stress that the typical ratee for each particular rate group be marked at the middle of the marking scale.

This year, for the first time, data from the new automated forms are being inputted directly into the computer-based advancement factors weighting model. This eliminates the time previously required, throughout all Navy units, for manual extraction and computation of the data, and also eliminates computational errors from the manual procedures.

PERSONNEL READINESS: The NPRDC personnel readiness research program was designated to investigate the feasibility of a diagnostic-testing shipboard-training procedure in identifying strengths and weaknesses of shipboard personnel. When deficiencies are found, the program provides appropriate remedial instruction for shipboard use. Personnel readiness and on-the-job training are evaluated by administering a series of diagnostic tests. The tests are based on job/task analyses and emphasize performance oriented test items. The remedial instruction is specifically tailored to each diagnostic test so that the shipboard training packages can be individually prescribed to correct deficiencies. The training package includes self-study material as well as multimedia presentations compatible with the shipboard environment. Where the diagnostic testing uncovers deficiencies which are not amenable to shipboard training, recommendations will be made for changes in the Navy's selection/assignment/school training system.

ANALYSIS OF READING PROBLEMS: Research has recently been initiated at NPRDC with the goal of improving reading effectiveness.

Work underway includes: (1) an adaptive training strategy for improving reading rates of low ability readers by use of correlated compressed speech, (2) the use of computer processed eye-movement data to detect and disrupt failures to process (daydreaming?) in fluent readers, and (3) computer aided instruction in basic phonics sight vocabulary, and reading comprehension.

APPLIED BIOPSYCHOLOGY: Also recently initiated at NPRDC is a program of research designed to improve personnel selection and utilization by making use of findings and methods from biology and biopsychology. One such effort involves an attempt to use brain waves (cortical evoked responses) in personnel selection. Current paper and pencil tests are effective primarily in measuring the functions performed largely by the left hemisphere. Right-hemisphere functions, such as processing of simultaneous and spatial information, are poorly measured by existing tests. Validation of brain wave tests for various criteria are underway. Brain wave studies of dyslexics are planned. Under active consideration are a number of other types of studies of biological phenomena which are infrequently looked at from the standpoint of personnel psychology.

Dr. Bernard Rimland
Senior Research Scientist
Personnel Utilization Directorate

DEFENSE SCIENCE BOARD TASK FORCE ON TRAINING TECHNOLOGY ESTABLISHED

A Task Force on Training Technology has been established by the Defense Science Board to evaluate the current effectiveness of Department of Defense programs and management in the research and development area of training technology. The objective of the evaluation is to provide guidance in technology, management and operations in order to reduce cost and increase effectiveness and efficiency of Department of Defense training.

The Task Force is expected to present its preliminary report to ODDR&E and the Defense Science Board for review by the end of March '75. A final report is due by the end of June '75.

The Task Force consists of:

Dr. Earl A. Alluisi, Old Dominion University, Chairman
LTC Henry L. Taylor, ODD&E, Executive Secretary
Dr. Tom C. Rowan, Consultant
Dr. O. S. Adams, Lockheed Georgia Company
Dr. Davis Bobrow, University of Minnesota (University of Maryland after July 1974)
Dr. Howard H. McFann, HumRRO Western Division
Dr. Jesse Orlansky, Institute for Defense Analyses
Dr. Joseph Rigney, University of Southern California
Dr. Wallace Sinaiko, Smithsonian Institute
Dr. C. B. Gambrell, Jr., Florida Technological University,
Alternate Member

ALLUISI TO WRITE CHAPTER FOR ANNUAL REVIEW OF PSYCHOLOGY

Earl A. Alluisi has been asked to write a chapter on "Human Performance and Engineering Psychology" for Volume 27 of the Annual Review of Psychology.

In order to be as current and complete as possible, Dr. Alluisi requests that any readers who have reprints, Technical Reports, etc. which are appropriate to the area and which have been written since the last review send copies to him. The last review of "Engineering Psychology" appeared in Volume 17, 1966. (For address, see "Military Psychology Awards Fund.")

The manuscript is to be submitted the end of Mar'75, for publication in Feb'76.

BOOKS BY WERTHEIMER TO BE DISTRIBUTED

[Editor's Note: Art Drucker has forwarded the following announcement from Professor Luchins for inclusion in the NEWSLETTER]

The faculty-student association of the State University of New York at Albany has given me a few hundred sets of the following books--Wertheimer's

Seminars Revisited: Problem Solving and Thinking, 3 vols. and The Search for Factors that Extremize the Autokinetic Effect--to distribute gratis. Distribution will be in the following manner. Copies will be sent to any University library upon receiving a request from the acquisitions department stating that they will be bound and placed in circulation. After library distributions have been made, copies will be sent to individuals requesting them in order of the receipt of their requests. Inquiries should be addressed to Dr. Abraham S. Luchins, Dept. of Psychology, SUNY-Albany, Albany, New York 12222.

If you have any questions, etc., please contact me.

Thank you.

Sincerely,
Abraham S. Luchins, Professor
Psychology Department

PERSONNEL CHANGES

Dr. Ralph Canter has joined the Directorate of Life Sciences of the Air Force Office of Scientific Research as Program Manager. This office is located at 1400 Wilson Boulevard, Arlington, Virginia 22209.

Lieutenant Commander Loren D. Acord, MSC, USN, will become Head, Clinical Psychology Section, United States Naval Bureau of Medicine and Surgery, effective 1 July 1974.

Commander Gale W. Bach, MSC, USN, will relieve Dr. Acord as Director for Professional Services, Clinical Psychology Branch, Department of Psychiatry, National Naval Medical Center, effective July 1974.

MEETINGS

HUMAN FACTORS WORKSHOP CONDUCTED BY APPLIED PSYCHOLOGICAL SERVICES

The Naval Ship Research and Development Center, in collaboration with the Office of the Chief of Naval Operations and the Naval Air Systems Command, sponsored an invitational workshop which was conducted by Applied Psychological Services on June 18 and 19.

Objectives of the workshop focused on potential, optimal contributions of the multiple human factors oriented sciences and technologies to advanced Navy weapon systems. Among specific activities, participants were asked to define an "idealized" multi-disciplinary human factors approach and to describe a plan for its implementation during the evolution of an advanced military system.

A report on the workshop proceedings should become available in September 1974. Anyone who wishes to obtain a copy of this report is asked to write to Dr. Arthur I. Siegel, Applied Psychological Services, Science Center, Wayne, Pennsylvania 19087.

MILITARY TESTING ASSOCIATION PLANS 16TH ANNUAL CONFERENCE

The Military Testing Association will hold its 16th annual conference from 21-25 October in Oklahoma City, Oklahoma. This meeting will be coordinated by the U.S. Coast Guard Institute.

For the 1974 program, the theme will be "TRAINING AND TESTING -- THE COMMON BOND."

Anyone interested in further information about attendance at this conference is invited to write:

Commanding Officer
U.S. Coast Guard Institute
P. O. Substation 18
Oklahoma City, OK 73169

Attention: MTA

EDITOR'S NOTE

Editing the prior two NEWSLETTERS and this, the final issue, has been an interesting and worthwhile experience. I am indebted to a number of Division 19 members who, solicited and unsolicited, submitted news items for publication. Art Drucker, Howard McFann, and Earl Alluisi deserve special "thanks" for their advice and assistance. To Dorothea Larsen, who designed the NEWSLETTER format, and performed all the secretarial chores, I want to express particular gratitude.

Elaine N. Taylor
NEWSLETTER Editor

1974
Annual Meeting Program for Division 19
Monteleone Hotel, New Orleans

<u>Event</u>	<u>When and Where</u>
<p>Symposium: JOB SATISFACTION AND RETENTION RESEARCH IN THE MILITARY SERVICES</p> <p>Chairman: Joe T. Hazel</p> <p>Participants: Gerry L. Wilcove, Lawrence A. Goldman, Harold L. Angle, Nancy Guinn, R. Bruce Gould, Stanley L. Cohen</p>	<p>Fri., 30 August 9:00 - 10:50 AM Queen Anne</p>
<p>Symposium: PERSPECTIVES ON TRAINING PSYCHOLOGISTS IN THE MILITARY - Facts and Fancy</p> <p>Chairman: Robert S. Nichols</p> <p>Participants: William I. Dorfman, William A. Weitz, Cecil R. Scott, Charles A. Thomas, Jr.</p>	<p>Fri., 30 August 11:00 - 11:50 AM Cabildo</p>
<p>Symposium: MEN IN SOCIAL SYSTEMS: Results of a ** (Sponsored by Three-Year Multi-Organizational Study Divisions 14 & 19)</p> <p>Chairman: Bert T. King</p> <p>Participants: Saul B. Sells, Allan P. Jones, Lawrence R. James, E. K. Eric Gunderson</p> <p>Discussants: Paul D. Nelson, B. V. H. Gilmer</p>	<p>Fri., 30 August 1:00 - 2:50 PM La Nouvelle Orleans West</p>
<p>Symposium: TEAM DEVELOPMENT AND MANAGING HUMAN RESOURCES IN THE NAVY: Can Institutional Schizophrenia be Cured and the Authority Structure Maintained?</p> <p>Chairman: Geraldine Rickman</p> <p>Participants: Lawrence Marion, Anthony Morano, Natalie Powell, Arnold L. Trygaland</p>	<p>Fri., 30 August 4:00 - 4:50 PM Cabildo</p>
<p>SOCIAL HOUR: Sponsored by Divisions 19 & 21</p>	<p>Fri., 30 August 5:00 PM La Nouvelle Orleans West</p>

Event

When and Where

Symposium: EVALUATION OF RACE RELATIONS TRAINING
IN THE MILITARY

Sat., 31 August
9:00 - 10:50 AM
La Nouvelle Orleans
West

Chairman: Hal W. Hendrick

Participants: Richard O. Hope, Benson E. Penick,
Delanard L. Robinson, John O'Connor,
Peter G. Nordlie, Byron G. Fimman,
Patricia J. Thomas

Discussant: John P. Laszlo

Paper Session: LEADERSHIP, ATTITUDES, BEHAVIOR

Sat., 31 August
11:00 - 11:50 AM
Cabildo

Chairman: James Arima

Paper Titles
& Authors:

*Job Involvement as a Mediator of the
Relationship Between Leadership Behavior
and Employee's Confidence and Trust.....*
John R. Bruni, Allan P. Jones, and Lawrence
R. James.

Evaluation of Naval Officer Performance.....
Peter H. Stoloff and Robert F. Lockman

*The Leadership Assessment and Training
Simulation: Training, Assessment, and
Research Applications.....* Phillip L.
Hunsaker, William C. Mudgett, and Bayard
E. Wynne.

*Peer Ratings: Scaling Assumptions and
Measurement Problems.....* Gary G. Kaufman.

*Towards a Systems Perspective for
Behavioral Science Research in the Military
...Russell L. Leonard, Jr.*

Paper Session: MILITARY SELECTION AND DISCIPLINE RELATED
RESEARCH

Sat., 31 August
1:00 - 2:50 PM
Cabildo

Chairman: Donald F. Haggard

Paper Titles
& Authors:

Comparison of Pre-zero Draft and Post-draft Air Force Enlistees... Bart M. Vitola, Cecil J. Mullins, and Leland D. Brokaw.

Actions and Attitudes: A Longitudinal Analysis..... Martin R. Lautman, Arthur I. Siegel, and Philip J. Federman.

Projective Measures of Interpersonal Relationships and Attitudes Toward the Air Force..... Arthur B. Sweney, Leslie A. Fiechtner, and Gary L. Hughes.

Manpower Efficiencies Achievable Through Advances in the Technology of Occupational Analysis..... Robert B. Parks and Patricia R. Parks.

Situational Factors Influencing AWOL Decisions of AWOL and Non-AWOL Soldiers..... Glenn E. Littlepage and Leon Rappoport.

An Experimental Computer-Enhanced Career Counseling System for Army Officers: The Assignment Module... Robert F. Eastman, Louise G. Yates, and Bertha H. Cory.

Attitude Change as a Function of Initial Attitude..... Arthur L. Korotkin.

Perceived Job Satisfaction for Officers and Civilians in Military Organizations James C. Sharf and Paul Dunn.

Predictions and Self-Fulfilling Prophecies of Army Discipline: A Follow-Up Evaluation.... D. Bruce Bell, D. K. Kristiansen, and T. J. Houston.

Race Relations - A Behavioral Approach..... R. S. Elster and W. H. Githens.

Business
Meeting:

DIVISION 19

Sat., 31 August
4:00 - 5:50 PM
La Nouvelle Orleans
West

President:

Howard H. McFann

Event		When and Where
Symposium: ** (Sponsored by Divisions 19 & 21)	METHODOLOGIES FOR THE STUDY OF HUMAN PERFORMANCE IN CONTINUOUS WORK OPERATIONS	Sun. 1 September 9:00 - 10:50 AM La Nouvelle Orleans West
Chairman:	Paul D. Nelson	
Participants:	Michael Kaplan, Ben B. Morgan, Jr., Thomas W. Frazier, Randall M. Chambers, Earl A. Alluisi	
Symposium:	THE POTENTIAL MILITARY APPLICATION OF HELMET MOUNTED DISPLAYS AND VISUALLY COUPLED SYSTEMS	Sun. 1 September 11:00 - 11:50 AM La Nouvelle Orleans West
Chairman:	Ralph Chason	
Participants:	Charles Bates, James Brindle, Eugene Galluscio, Julien M. Christensen	
Paper Session:	INNOVATIONS IN TRAINING	Sun., 1 September 1:00 - 1:50 PM Cabildo
Chairman:	Robert B. Tebbs	
Paper Titles & Authors:	<i>Attitudes, Manner, and Content.....</i> A. David Mangelsdorff.	
	<i>Development of an Incentive Management Program for Application to the United States Air Force Advanced Instructional System.....</i> Robert W. Smith and Robert A. Collins.	
	<i>Advisory Support of Non-U.S. Military Training: A Recent Example.....</i> Henry M. Parsons and Earl I. Jones.	
	<i>Adaptive Testing: An Overview.....</i> Duncan N. Hansen.	
	<i>Cleman's Lambda-Based Scales of the Navy Vocational Interest Inventory....</i> Joyce E. Dann.	
	<i>Real-World Experimentation Comparing Time-Sharing and Batch Processing in Teaching Computer Science.....</i> Harold Sackman.	

Event

When and Where

Paper Session: THE MEDICAL-PSYCHOLOGICAL INTERFACE

Sun., 1 September
2:00 - 2:50 PM
Cabildo

Chairman: Charles A. Thomas

Paper Titles
& Authors:

*Situational and Perceptual Components
of Crowding.....*William Pugh and Larry
Dean.

*Research in Health and Illness Behavior
in the Fleet: The Consumers and the Product....*
John B. Levine.

*A Comparison of Navy Alcoholics and Psychiatric
Patients: Should Alcoholics be Treated on Psychi-
atric Wards.....* Steven F. Bucky.

*Personality Change for Alcoholics Treated at
the Navy's Alcohol Rehabilitation Center.....*
Steven F. Bucky.

*The Field Research Ward: A Laboratory in
Forty Crates.....* Frederick W. Hegge and Malcolm
G. Robinson

*Self-Perceptions of Attitudinal Changes Toward
Counseling By Unit Training Commanders*
Martin G. Olsen and Robert B. Tebbs.

Symposium:
** (Sponsored by
Divisions 19
& 35)

WOMEN IN AVIATION: Progress and Problems.

Mon., 2 September
9:00 - 10:50 AM
Queen Anne

Chairman: Rosalie K. Ambler

Participants: Annette G. Baisden, Bart B. Cobb, John J.
Mathews, Carolyn D. Lay, William E. Collins
and Kenneth W. Kennedy

Discussants: Thomas J. Gallagher, Clyde C. Snow

Event	When and Where
Symposium: THE DIVISION PSYCHOLOGIST	Mon., 2 September 11:00 - 11:50 AM La Nouvelle Orleans West
Chairman: Charles A. Thomas	
Participants: Jeffrey N. Youngren, George E. Muse, Ernest J. Lenz, Jr., William H. Johnson	
Symposium: NOVEL SOLUTIONS TO CONTEMPORARY SOCIAL (Sponsored by ISSUES IN FORMAL ORGANIZATIONS SUCH AS Division 9 THE U. S. NAVY. and 19)	Mon., 2 September 1:00 - 3:50 PM Meeting Room 3 Rivergate Exhibition Center
Chairman: William E. Gaymon	
Participants: James A. Bayton, Walter A. Hill, Norman J. Johnson and Benson E. Penick, Paul Spector, Richard E. Sykes	
Discussants: Senator Michael O'Keefe; Philip G. Zimbardo, Admiral Elmo R. Zumwalt	
Paper Session: INFORMATION AND DATA PROCESSING.	Mon., 2 September 4:00 - 4:50 PM La Nouvelle Orleans East
Chairman: Lloyd R. Chason	
Paper Titles & Authors:	<p data-bbox="477 1430 1101 1524"><i>A New Approach to Direct Computer Entry of Battle Field Data Raymond C. Sidorsky.</i></p> <p data-bbox="477 1556 1149 1650"><i>The Study of Information Structure in In- formation Systems Stanley M. Halpin, Murray S. Miron and Edgar M. Johnson.</i></p> <p data-bbox="477 1682 1117 1808"><i>Evaluating a Mental Health Consultation Service Jeffrey L. Crawford, James A. Robinson, Michael A. Carpentier, and Jack H. Cranfill</i></p> <p data-bbox="477 1839 1308 1940"><i>Effects of Pre-trial and Post-trial Information on Subject performance in a Multiple Cue Probability Learning Task William H. Hendrix.</i></p>

Event

When and Where

Invited Address: THE VOLUNTEER FORCE

Speaker: The Honorable William Brehm, Assistant
Secretary of Defense, Manpower and Reserve
Affairs

Chairman: Howard H. McFann

Tues., 3 September
9:00 - 9:50 AM
La Nouvelle Orleans
East

Invited Address: APPLICATIONS OF BEHAVIORAL SCIENCE IN THE
MILITARY ENVIRONMENT

Speaker: Robert G. Gard, Commanding General, U. S.
Army Training Center, Fort Ord, California

Chairman: Howard H. McFann

Tues., 3 September
10:00 - 10:50 AM
La Nouvelle Orleans
East

Presidential Address: RELATIONSHIP BETWEEN MILITARY AND CIVILIAN
TRAINING AND EDUCATION

Speaker: Howard H. McFann

Chairman: Earl A. Alluisi, President-Elect

Tues., 3 September
11:00 - 11:50 AM
La Nouvelle Orleans
East