## Condensed Time Schedule

**Thursday Evening, 8:00 P.M.**

**Symposium:** Nucleic Acids and Behavior, Grand Ballroom.

**Symposium:** Professional Views of Some Recent Protests against Psychological Testing, Constitution Room.

### Friday Program

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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| 8:30 a.m. | Personality: R. Brown  
Mental Retention: C. S. Santer  
Verbal Learning I: J. A. Heil  
Hollywood: R. A. Kincade  
Venetian: J. W. Williams  
Parlor C: T. A. Holmes  
Cattell: J. K. Nunn  |
| 9:00 a.m. | Child: R. G. Child  
Reading: J. L. Beer  
Laxity: L. D. Laneley  
Height: S. M. S. Simon  
Relaxation: H. K. Heusser  
Sclerotherapy: R. K. Salloff  
Dumb: R. Dunn  |
| 9:45 a.m. | Social I: R. K. Koslin  
Clinical Psychology I: C. T. Rezapere  
Verbal Learning II: R. E. Ruder  
Classical Conditioning II: S. H. Newberg  
Psychological Physiology II: J. D. Welch  
Conditioning: R. W. S. Warner  
Hill: I. Gouge  
Wood: F. H. Olson  
Lasko: C. C. Segal  
Brent: R. C. C. Cassaday  
Bosford: A. J. Dohrman  
Johnson: R. M. Thoma  
Johnson: P. K. L. Finner  
Diller: H. N. Miller  |
| 10:45 a.m. | 3:00 p.m. MPA Business Meeting, Venetian Room.  
4:00 p.m. Presidential Address, Terrace Casino.  
5:00 p.m. Social Hour, Terrace Casino Foyer.  |

### Saturday Program

<table>
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<th>Time</th>
<th>Event</th>
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| 8:30 a.m. | Constitution N: W. T. Willis  
Grand Ballroom: E. L. Erickson  
Constitution $: H. E. Hunt  
Hollywood: E. K. England  
Venetian: J. M. P. McGee  
Parlor C: J. T. McGuire  
Cattell: K. A. McKee  |
| 9:00 a.m. | Social I: H. M. Anderson  
Clinical Psychology II: J. A. H. Anderson  
Educational Process II: G. C. C. Carpenter  
Psychological Learning I: R. H. M. Gingrich  
Psychological Learning II: R. J. Muir  
Sensory Perception I: R. A. R. Moor  
Sensory Perception II: E. D. Smith  
Sensory Perception III: W. E. Y. Swanson  
Sensory Perception IV: G. A. S. Wyckoff  
Sensory Perception V: R. T. Y. Z. Wilson  |
| 9:45 a.m. | 9:00 a.m. MPA Business Meeting, Venetian Room.  
9:30 a.m. Presidential Address, Terrace Casino.  
9:45 a.m. Social Hour, Terrace Casino Foyer.  |

### Please bring this program with you if purchased at meeting; 25 cents.
GENERAL ANNOUNCEMENTS

Hotel Reservations
Write directly to the Morrison Hotel, 79 West Madison St., for reservations. Special rates are available for MPA members. Psychology graduate students, who need not be members, may obtain Dormitory rates, for four or more persons to a room.

Registration
Registration will be held in the Exhibit Hall area, on the third floor. The hours are: Thursday, 12-4:30 p.m.; Friday, 9 a.m. to 5 p.m.; Saturday, 9 a.m. to 2 p.m. If you have pre-registered, you may pick up your badge without delay. Non-members will be charged a $1.00 registration fee, for which they will receive a program and badge.

Members of the APA may automatically become members of the Midwestern Psychological Association by paying $1.50 at the time of registration, in lieu of a registration fee. Others who wish to become members should obtain application blanks by writing the Secretary-Treasurer after the meeting.

A copy of the program is mailed to all members and applicants. This program should be brought to the meeting; additional copies may be purchased at the Registration Desk for 25 cents.

CONVENTION FEATURES

Presidential Address
Donald W. Fiske will give the Presidential Address on Friday at 4 p.m. in the Terrace Casino, lower lobby. A pay-for-your-own Social Hour will follow, in the Terrace Casino Foyer.

Annual Business Meeting
The annual meeting will be held Friday at 3 p.m. in the Venetian Room, second floor. The agenda will be posted by noon Friday at the Registration Desk.

Public Information
The Press Room will be located in Parlor B, First Floor. This service will be directed by Alan J. Fiedman of Peat, Marwick & Mitchell, and Michael Anrime, APA Central Office. They will make abstracts available to the press and will attempt to arrange interviews with speakers. All participants are requested to send copies of their complete papers prior to the meeting to Alan J. Fiedman, Peat, Marwick & Mitchell, 111 West Monroe Street, Chicago, Illinois.

Placement
The Placement Center will be located on the third floor in the American Cities Room and the Caravan Room. This service will be directed by William Buel of Humber, Mundy & McCary and Robert F. Lockman, APA Central Office. The Placement Center will be open Thursday from 2 p.m. to 8 p.m.; Friday from 9 a.m. to 5:30 p.m.; and Saturday from 9 a.m. to 2 p.m.

Those seeking employment or having positions to fill should register at the meeting. Those who cannot attend should obtain placement forms prior to the meeting from Robert F. Lockman, American Psychological Association, 1333 16th Street, N.W., Washington 6, D. C.

Exhibits
Books, tests, and apparatus will be exhibited in the Exhibit Hall area, third floor.

Pi Chi
The Midwestern Region of Pi Chi will sponsor an invited address, a program of invited papers, and a business meeting and coffee hour on Saturday morning.

Closed Meetings
Requests for arrangements for closed meetings of committees and other special groups or for private luncheons should be addressed to the Chairman of the Local Arrangements Committee, George S. Spence, Institute for Psychological Services, Illinois Institute of Technology, Chicago 16, Illinois.

Complimentary Cocktail Party
The Morrison Hotel will be the host to the Association at a complimentary cocktail party in the Venetian Room, second floor, on Thursday, 4:30 p.m. This is for MPA members and guests only. No one without a badge will be admitted.

OFFICERS OF THE ASSOCIATION, 1962-63

Council
Donald W. Fiske, University of Chicago, President
G. Robert Grice, University of Illinois, Secretary-Treasurer
Edward L. Walker, University of Michigan
Bernard J. McCormick, Purdue University
Harold W. Haas, University of Illinois

Program Committee
Frederick A. Motz, University of Wisconsin, Chairman
Jack A. Adams, University of Illinois
Allan Brightman, University of Chicago
G. Robert Grice, University of Illinois, ex officio

Local Arrangements Committee
George S. Spence, Illinois Institute of Technology, Chairman and Convention Manager, Exhibits.
Robert Nichols, National Merit Scholarship Corporation, Registration.
William Buel, Humber, Mundy & McCary, Placement.
Alan J. Fiedman, Peat, Marwick & Mitchell, Public Relations.
David Kupfer, Chicago Teachers College, Special Events.
Russell Cowdrey, VA Regional Office, Chicago, Mail and Information.
Robert F. DeMier, Elmhurst College, Volunteers.

CONVENTION AND OFFICERS, 1963-64

The 1964 Convention will be at the Chase-Park Plaza, St. Louis, April 30-May 2. Newly elected officers, whose terms begin at the end of the 1963 meeting are:

G. Robert Grice, University of Illinois, President.
E. James Archer, University of Wisconsin, Council Member, 1963-1966.
SYMPOSIUM
THURSDAY, 8:00-10:00 P.M.
Constitution Room, First Floor

PROFESSIONAL VIEWS OF SOME RECENT PROTESTS AGAINST
PSYCHOLOGICAL TESTING
William A. Owens, Purdue University, Chairman

Basic assumptions of the critics—How good? Marvin Dunnette, University of Minnesota.
The probable impact—How evaluate it? Lewis Albright, Standard Oil Co. (Ind.)

SYMPOSIUM
THURSDAY, 8:00-10:00 P.M.
Grand Ballroom, First Floor

NUCLEIC ACIDS AND BEHAVIOR
John Gaio, Kansas State University, Chairman

The ribonucleic acids and their role in functional alterations. W. Corning, University of Rochester.
The ingestion and injection of memories in planarians. J. McConnell, University of Michigan.
Effect of RNA on memory in humans. S. Sved and V. A. Kral, Allen Memorial Institute, Montreal, Canada.
Structural and metabolic properties of nucleic acids to be considered in behavioral models. M. B. Sporn and C. W. Dingman, National Institutes of Health.
Discussants: W. Halsted, University of Chicago; J. Gaio, Kansas State University.

PERSONALITY
FRIDAY, 8:30-10:30 A.M.
Constitution Room North, First Floor

Laura Rice, University of Chicago, Chairman

8:30 Robert A. Brown, University of Texas, Southwestern Medical School. Work decrement and personality.

8:45 Jerome M. Sattler, University of North Dakota. Temporality and the character disorder.


9:00 Michael S. Black, University of Illinois; and Perry London, University of Illinois and Stanford University. The assessment of religion, guilt, and personal ethics.


9:45 Richard E. Carney, Indiana University, Gary Campus. Masculinity, body type, and smoking and drinking behavior.

10:00 Norman L. Corah, Washington University. External criteria for the factorial dimensions of the MMPI.

10:15 Lawrence S. Wrightman, Jr., George Peabody College for Teachers. The construction of a scale to measure philosophies of human nature.

MENTAL RETARDATION
FRIDAY, 8:30-10:00 A.M.
Grand Ballroom, First Floor

S. Thomas Cummings, University of Chicago, Chairman

8:30 Eileen Mavis Hetherington and Leonard E. Ross, University of Wisconsin and Central Wisconsin Colony; and Herbert L. Pick, University of Minnesota. Delay of reward and learning in normal and mentally retarded children.

8:45 Laird W. Heal, Barbara Sanders, and Leonard E. Ross, University of Wisconsin and Central Wisconsin Colony. Discrimination reversal and partial reversal in normal and mentally retarded children.

9:00 Charles G. Matthews, University of Wisconsin Medical School. Relationship of differential abstraction ability levels to psychological test performances in mentally retarded subjects.

9:15 David Levine and Don W. Disinger, University of Nebraska. Patterns of intellectual performance and the outcome of institutionalization in the mentally retarded.

9:30 Alfred A. Baumeister, Central Michigan University. Effects of distraction on behavior of retardates.

9:45 Thomas E. Smith and Alfred Baumeister, Central Michigan University. The duration of the spiral after-effect in mental retardates.
VERBAL LEARNING I
FRIDAY, 8:30-10:15 A.M.
Constitution Room South, First Floor

John R. Binford, University of Louisville, Chairman

8:30 Edwin Martin and Rudolph W. Schulte, University of Iowa. The effects of aural familiarization on aural paired-associate learning.

8:45 Walter Kintsch, University of Missouri. All-or-none learning and the role of repetition in paired-associate learning.


9:15 William F. Battig, University of Virginia; and Douglas Nelson, University of Wisconsin. Constant vs. serial order, method, and meaningfulness in paired-associate learning.

9:30 David A. Wicklund, Institute of Child Development, University of Minnesota. The effects of associative strength and type of response hierarchy on paired-associate learning.

9:45 Larry R. Goulet and Donald H. Kaufer, St. Louis University. S-R and R-S Learning as a function of percentage occurrence of stimulus members (%OSM).

10:00 Bruce R. Ekstrand, Norman E. Spear, and Benton J. Underwood, Northwestern University. Association by contiguity.

STIMULUS GENERALIZATION
FRIDAY, 8:30-10:15 A.M.
Hollywood Room, Mezzanine

Sheldon H. White, University of Chicago, Chairman

8:30 Werner K. Honig and Robert Silvka, Denison University. Stimulus generalization of the effects of punishment.

8:45 Stanley J. Weiss, Ohio State University. The summation of response strengths instrumentally conditioned to stimuli along different sensory modalities.

9:00 Jon L. Williams and David R. Thomas, Kent State University. Stimulus generalization of a positive conditioned reinforcer.

9:15 Salvatore Caronfe, Kent State University; Donald J. Levis, Emory University; and David R. Thomas, Kent State University. Color naming and color generalization.

9:30 Stanford H. Simon, Veterans Administration Hospital, Tomah, Wisconsin. Differential prediction and postdiction of win vs. lose events in a spatial generalization problem.


10:00 Frederick L. Newman and Martin R. Baron, Kent State University. Factors affecting stimulus generalization along the dimension of angularity with pigeons.

PHYSIOLOGICAL PSYCHOLOGY I
FRIDAY, 8:30-10:15 A.M.
Venetian Room, Second Floor

Garth Thomas, University of Illinois, Chairman

8:30 Walter Sloboda, University of Missouri. Amplitude and latency of the human auditory evoked vertex potential (EVP) as a function of involvement and motor response.

8:45 Solon B. Holstein and Walter Sloboda, University of Missouri. Three stimulus related parameters of the nonspecific human cortical evoked response: habituation, amplitude, and latency.

9:00 Nelson L. Freedman, University of Missouri. Bilateral differences in the human occipital EEG with unilateral photic driving.


9:30 Joan Havlena, Lafayette Clinic, Detroit, Michigan. Adrenalectomy of the pregnant rat and effects on the offspring.

9:45 Dennis A. Poulos and Jerome S. Schwartzbaum, University of Wisconsin. Performance on learning-set and discrimination reversals following ablation of the amygdaloid complex in monkeys.

10:00 Peter T. Diamond, Illinois State Department of Mental Health; and Marion H. Groves, Illinois Institute of Technology. Ulcer formation as a function of expectancy-failure.

CONCEPT FORMATION AND PROBLEM SOLVING
FRIDAY, 8:45-10:15 A.M.
Parlor C, First Floor

Morton W. Weir, University of Illinois, Chairman

8:45 Richard V. Thysell, University of Iowa. Concept formation as a function of the strength of relevant and irrelevant associations.
9:00 Sidney J. Arenson and Milton E. Rosenbaum, *University of Iowa.* Einstellung by observation.


9:30 J. Peter Denny, *University of Western Ontario.* The effects of anxiety and intelligence upon concept formation.

9:45 Roger L. Dominowski and Carl P. Duncan, *Northwestern University.* Bigram frequency and spacing as parameters of anagram tasks.

10:00 Don E. Dulany and Daniel O'Connell, *University of Illinois.* Does partial reinforcement dissociate verbal rules and the behavior they might be presumed to control?

EDUCATIONAL PSYCHOLOGY

FRIDAY, 8:30-10:30 A.M.
Cotillion Room, Mezzanine

Robert Glaser, *University of Pittsburgh,* Chairman

8:30 Robert C. Nichols, *National Merit Scholarship Corporation.* The parental attitudes of mothers of intelligent adolescents and the creativity of their children.


9:00 Emanuel M. Berger, *University of Minnesota.* Willingness to accept limitations and college achievement: a replication.


10:00 Claude J. Bartlett, *University of Maryland.* Faciability of a forced-choice teacher attitude inventory.

10:15 Alexander W. Astin, *National Merit Scholarship Corporation.* Undergraduate influences on the talented student's decision to pursue a career in science.

OPERANT CONDITIONING

FRIDAY, 8:30-9:45 A.M.
Madison Room, Third Floor

Keith N. Clayton, *Vanderbilt University,* Chairman


8:45 Mohammad Akhtar, *Northern Illinois University.* A paradoxical effect of punishment.

9:00 James A. Allison and David Birch, *University of Michigan.* Strength of preference for food and performance in instrumental conditioning.

9:15 Richard H. Peckham, Jr., *Southern Illinois University.* Instrumental escape conditioning as a joint function of initial level of shock and amount of shock reduction.


CHILD PSYCHOLOGY

FRIDAY, 10:45 A.M.-12:15 P.M.
Constitution Room North, First Floor

Eileen Mavis Hetherington, *University of Wisconsin,* Chairman

10:45 Paul E. Baer, *Houston State Psychiatric Institute and Baylor University College of Medicine.* Environmental stress and GSR in preschool children.

11:00 Leonard M. Lamsy, *University of Cincinnati,* and Gerald McKay, *Macdonald College, Quebec, Canada.* Sex role preferences of kindergarten boys and girls: some contradictory results.


11:30 N. L. Pleistick and A. Bond Woodruff, *Northern Illinois University.* Exploratory behavior and curiosity in two age and ability groups of children.


12:00 James A. Dunn, *Wayne State University.* Age and sex differences in the factor structure of the TASC.
HUMAN BRAIN DAMAGE
FRIDAY, 10:15 A.M.-12:15 P.M.
Grand Ballroom, First Floor

Robert Y. Moore, University of Chicago, Chairman

10:15 M. S. Zas, Northwestern University Medical School; and Guy Mortanly, Illinois Institute of Technology. Psychological changes associated with cerebrovascular brain damage.

10:30 Homer B. C. Reed, Jr., Indiana University Medical Center. The influence of type of lesion on Wechsler-Bellevue performances of brain-damaged subjects.

10:45 Kathleen B. Fithugh and Loren C. Fithugh, New Castle State Hospital. Influence of age upon measures of problem solving and experiential background in subjects with long-standing cerebral dysfunction.

11:00 Hallgrim Klove, Department of Neurology, University of Wisconsin School of Medicine. Patterns of sensory impairment in diffuse and lateralized encephalopathy.

11:15 Clayton E. Ladd, Indiana University Medical Center. The WAIS performance of brain damaged and neurotic patients.

11:30 Manfred J. Meier, University of Minnesota. Some personality correlates of unilateral and bilateral temporal lobe EEG abnormalities in psychomotor epileptics.

11:45 Phillip M. Renick, Section of Neuropsychology, Indiana University Medical Center; and Ward C. Halsted, University of Chicago. Color-naming of programmed stimuli as a task sensitive to diffuse infantile or congenital cerebral dysfunction.

12:00 Charles E. Hallenbeck, Highland View Hospital, Cleveland, Ohio. Evidence for a multiple process view of mental deterioration.

MEDIATIONAL PROCESSES I
FRIDAY, 10:30 A.M.-12:00 M.
Constitution Room South, First Floor

Michael L. Posner, University of Wisconsin, Chairman


10:45 Penelope B. Odom and James J. Jenkins, University of Minnesota. The effect of associative directionality on the recognition of words.

11:00 James F. Voss and Nancy Morning, College of Wooster. Mediation of B-C in the acquisition of A-B, A-C associations.

11:15 Erwin M. Segal, Arlington State College. A demonstration of acquired distinctiveness of cues using a paired-associate learning task.

11:30 Richard Dolinsky, The University of Toledo. Grammatical mediators in paired-associate learning.

11:45 Eugene A. Loveless, University of Iowa. Mediation in paired-associate learning: strength of language associations and length of study interval as factors.

CLASSICAL CONDITIONING I
FRIDAY, 10:30 A.M.-12:00 M.
Hollywood Room, Mezzanine

Leonard E. Ross, University of Wisconsin, Chairman

10:30 Iisidore Gormezano, and Israel Fuentes, Indiana University; and Charles Erickson, Whittier College. CS-UCS interval effects on yoked comparisons of classical and avoidance conditioning of the human and infrahuman eyelid response.

10:45 Kenneth P. Goodrich, Joseph Markowitz and A. Martin Wall, University of Pennsylvania. Effects of variable location of a visual CS on probability, form, and latency of eyevinks in conditioning.

11:00 Edward B. Deaux and Iisidore Gormezano, Indiana University. Conditioning the retractor bulbi in the albino rabbit.


11:30 Merrill F. Elias, Mark W. Stephens, and Kenneth M. Michels, Purdue University. Experimentally induced and MAS-measured drive in classical and avoidance conditioning.

11:45 Martin R. Baron, Kent State University; and Margaret B. White, College of Wooster. Differential conditioning of a finger lifting response with three CS-UCS intervals.

COMPARATIVE PSYCHOLOGY
FRIDAY, 10:30 A.M.-12:00 M.
Venetian Room, Second Floor

V. James Polidora, University of Wisconsin, Chairman

10:45 Stanley C. Rainer, Michigan State University; and Donald G. Stein, University of Oregon. Unconditioned responses of worms as a function of intertrial interval and removal of cerebral ganglia.

11:00 James L. Calkins and Charles L. Darby, Purdue University. Effects of electric shock on subsequent activity of regenerating planaria.


11:30 Donald D. Jenson, Indiana University. Response mechanisms in Bermuda nemertines, members of a phylum which is probably ancestral to the vertebrates.

11:45 Richard E. Whalen, University of California, Los Angeles. The initiation of mating in naive female cats.

DECISION PROCESSES I

FRIDAY, 10:30 A.M.-12:00 M.

Parlor C, First Floor

Ward Edwards, University of Michigan, Chairman

10:30 Amos Tversky and Ward Edwards, University of Michigan. Information vs. reward in binary choices.

10:45 Gilbert R. Johns, The Colorado College; and John G. Borkowski, University of Iowa. Analysis of learning rate and asymptotic level of responding in a contingent reinforcement situation.

11:00 James L. Pate, Western Illinois University. A factorial analysis of the effects of event runs, initial response probability, and event probability on the rate of learning parameter (θ).


11:30 Gerald E. Gruen and Morton W. Weir, University of Illinois. The effects of instructions, penalty, and age in a three-choice probability learning situation.

11:45 Bonnie R. Strickland and Albert S. Rodwan, Emory University. The relationship of certain personality variables to decision making in perception.

PROGRAMMED LEARNING

FRIDAY, 10:45 A.M.-12:00 M.

Coffin Room, Mezzanine

Lawrence M. Stolurow, University of Illinois, Chairman

10:45 Diane Dite, Arnold Bond Woodruff and Charles Faltz, Northern Illinois University. The relationship between level of reading ability and performance on programmed learning.

11:00 William J. O'Brien, Cyril C. O'Brien, and Gunnar Ryge, Marquette University. Programmed text vs. lecture: additional data.


11:30 Charles Faltz, Arnold Bond Woodruff and Diane Dite, Northern Illinois University. The relationship between "learning ability" and performance on programmed learning.

11:45 John F. Feldhusen, Purdue University; and Lewis D. Eigen, The Center for Programmed Instruction. Interrelationships among attitude, learning, reading, intelligence, and transfer variables in programmed instruction.

ANIMAL MOTIVATION

FRIDAY, 10 A.M.-12:15 P.M.

Madison Room, Third Floor

V. Edwin Bixenstine, Kent State University, Chairman

10:00 Gene P. Sackett, Claremont Graduate School. Food versus perceptual complexity as rewards for sensory deprived rats.


10:30 D. Gene Davenport, St. Louis University. Motivational artifacts in long term learning studies.

10:45 Lyle E. Hufford, North American Aviation, Inc.; and Ridgley Chambers, University of Arizona. Heart rate as a possible physiological correlate of drive.

11:00 Roger C. Smith and John W. Donahue, University of Kentucky. The effect of food deprivation upon behavior reinforced by variable visual stimulation.

11:15 Sally T. Koplin, Vanderbilt University. Amount and distribution of training as factors in performance following reward shift.

11:30 Tom N. Tombaugh and Melvin H. Marx, University of Missouri. The effects of experience with both increasing and decreasing orders of sucrose concentrations on unreinforced performance.

11:45 W. A. Pieper and Melvin H. Marx, University of Missouri. The effects
of within-session incentive contrast on instrumental acquisition and performance.

12:00 Reed Lawson and David G. Born, Ohio State University. Recovery from punishment as a function of number of pre-punishment reinforcements.

SOCIAL PSYCHOLOGY I

FRIDAY, 1:00-2:45 P.M.
Constitution Room North, First Floor

David Foulkes, Lawrence College, Chairman

1:00 William C. Kosinar and Robert Neville, Chicago City Junior College; and George Senitz, Chicago Teachers College. Bomb shelter preference of men and women at time of the Soviet nuclear blast and the "Cuban confrontation."

1:15 Raymond G. Hunt and M. Estelle Smith, State University of New York at Buffalo. Cultural symbols and response to thematic test material.

1:30 Shel Feldman and Martin Fishbein, University of Illinois. Social psychological studies in voting behavior: II. Factor analyses of attitudes towards, and the perceived importance of, campaign issues.

1:45 Martin Fishbein, University of Illinois. The prediction of esteem given, sociometric choice, group atmosphere and satisfaction from estimated attitudes.

2:00 Margery K. Calhoun and Leonard E. Gottesman, Division of Gerontology, University of Michigan. Stereotypes of old age in two samples.

2:15 E. Jerry Phares, Kansas State University. Delay as a variable in expectancy changes.

2:30 Edward R. Ostrander, Elmhurst College. The influence of the stimulus context and response scale items in a study of impression formation.

CLINICAL PSYCHOLOGY I

FRIDAY, 1:00-3:00 P.M.
Grand Ballroom, First Floor

Eugene A. Southwell, University of Chicago, Chairman

1:00 John F. Byerly and James D. Linden, Purdue University. A comparative study of verbal output and grammatical usage.

1:15 Charles Neuringer, University of North Dakota. Rigid thinking in suicidal individuals.

1:30 Charles F. Haner, Grinnell College; and Lowell Schenke, Board of Control, State of Iowa. Comparison of criteria of recovery of psychiatric patients.

1:45 Peter M. Lewinsohn, Larue D. Carter Memorial Hospital, Indianapolis, Indiana. The use of the Shipley-Hartford Conceptual Quotient as a measure of intellectual impairment.

2:00 Gerald Rosenbaum, Frank Fleming, and Harold Rosen, Wayne State University and Lafayette Clinic. Effects of weight intensity on discrimination thresholds of normals and schizophrenics.

2:15 Eugene Ebner, Lafayette Clinic and Wayne State University. Verbal conditioning in schizophrenia as a function of degree of social interaction.

2:30 Charles N. Winslow, Kent State University; and Isaac Rampeasand, Defiance College. Postdiction of outcome of somatic therapy from the Rorschach records of schizophrenic patients.


VERBAL LEARNING II

FRIDAY, 1:00-3:00 P.M.
Constitution Room South, First Floor

William F. Battig, University of Virginia, Chairman

1:00 Sarah D. Hillner and Philip B. Gough, Indiana University. Intralist association in serial learning.


1:30 Virginia M. Lakso and Marilyn E. Miller, University of Wisconsin—Milwaukee. Effect of constant vs. varied pairing of orienting and incidental learning material.

1:45 Sandor B. Brent and Gary Gunther, Wayne State University. Differential retroaction as a measure of the functional unity of wordgroupings.

2:00 John R. Binford and Charles Gattys, University of Louisville. Some evidence of small increments in an all-or-none learning task.

2:15 Neal F. Johnson, Ohio State University. The functional relationship
between amount learned and frequency vs. rate vs. total time of exposure of verbal materials.


2:45 Bill J. Locke, University of Kansas. Stimulus presentation procedures in verbal conditioning.

CLASSICAL CONDITIONING II

FRIDAY, 1:15-2:30 P.M.
Hollywood Room, Mezzanine

Kenneth P. Goodrich, University of Pennsylvania, Chairman

1:15 Frank J. Vattano, University of Denver; and Delos D. Wickens, Ohio State University. Efficiency of GSR conditioning as a function of CS-UCS interval.

1:30 Charles K. Allen, Delos D. Wickens, and Frances A. Hill, Ohio State University. The effect of instructions and UCS strength on extinction of the conditioned GSR.

1:45 Delos D. Wickens, David G. Born, and Carol D. Wickens, Ohio State University. Response strength to a compound conditioned stimulus and its elements as a function of element interstimulus interval.

2:00 G. Robert Grice and John J. Hunter, University of Illinois. CS intensity as between- and within-subjects effects.

2:15 Craig W. Hickok and David A. Grant, University of Wisconsin. Effects of pattern of reinforcement and verbal information on acquisition and extinction of the eyelid CR.

PHYSIOLOGICAL PSYCHOLOGY II

FRIDAY, 1:00-3:00 P.M.
Venetian Room, Second Floor

Robert Butler, University of Chicago, Chairman


1:15 James E. Wicker and W. Lynn Brown, University of Texas. The effect of gamma radiation upon operant water-reinforcement behavior.

1:30 David S. Phillips, University of Oregon Medical School; and Kenneth M. Michels, Purdue University. Selective stimulation and electrophysiological responses of the olfactory bulb of the opossum.

1:45 Leonard E. Jarrard, Washington and Lee University; Robert L. Isaacson, and Warren O. Wickelgren, University of Michigan. Effects of hippocampal ablation and intertrial interval on runway acquisition and extinction.

2:00 Robert D. Myers and Louis Pellegrino, Colgate University. Fluid discrimination following intrahypothalamic chemical stimulation.

2:15 M. H. Kellicott and J. S. Schwartzbaum, University of Wisconsin. Auditory discrimination and generalization following lesions of the septal area and cingulate cortex in rats.

2:30 Donald P. Scharlock, Roosevelt University; and Thomas J. Tucker, University of Chicago. Auditory discrimination by mature cats sustaining neonatal brain damage.

2:45 Michael H. Miller and Donald P. Scharlock, Roosevelt University. Duration of neutral signal presentation as a factor in auditory discrimination by brain-damaged cats.

DECISION PROCESSES II

FRIDAY, 1:15-2:45 P.M.
Parlor C, First Floor

Robert E. Morin, Kent State University, Chairman

1:15 Sidney Roson, Marquette University. The relevance of expected gain in estimating the likelihood of transactions.

1:30 Richard G. Swenson, Purdue University. The effects of payoff information and communication on cooperation in a two-person experimental game.


2:00 Samuel S. Komorita and Bruce Morrison, Wayne State University. Choice behavior in a two-person, non-zero sum game.

2:15 Marc Pilusk, Mental Health Research Institute, University of Michigan. Death and disarmament in a two-person game.

2:30 Donald C. King, Purdue University; and Malcolm M. Purdy, Human Factors Research, Inc. Some psychological correlates of play in a management decision-making game.
INDUSTRIAL PSYCHOLOGY I
FRIDAY, 1:00-2:45 P.M.
Cotillion Room, Mezzanine

William C. Osborn, USA Armor Human Research Unit, Fort Knox, Kentucky, Chairman

1:00 William C. Byham, Kenyon & Eckhardt, Inc., Robert Perloff, Purdue University. The relationship of perceived to actual accuracy of memory.

1:15 John R. Rizzo and James C. Naylor, Ohio State University. The factorial structure of selected consumers choice parameters and their relationship to personal values.

1:30 Charles L. Hulin, University of Illinois. The dimensions of executive success.

1:45 Robert E. Chandler, General Motors Corporation. Which factors to use in measuring job satisfaction?

2:00 George G. Gordon and Ernest J. McCormick, Purdue University. The identification, measurement and factor analyses of “worker-oriented” job variables.


2:30 Fred E. Will and Donald C. King, Purdue University. A factor analytic approach to the content and construct validation of a job attitude questionnaire.

ANIMAL FRUSTRATION AND AGGRESSION
FRIDAY, 1:15-2:45 P.M.
Madison Room, Third Floor

Kenneth E. Moyer, Carnegie Institute of Technology, Chairman

1:15 James H. McHose, Southern Illinois University; and H. Wayne Ludwigson, Carnegie Institute of Technology. The frustration effect as a function of drive.

1:30 Norman E. Spear and Winfred F. Hill, Northwestern University; Denis J. O’Sullivan, Loyola University of Chicago. Extinction after “frustrating” and “nonfrustrating” nonreward.

1:45 Vincent Di Lello and Roger W. Russell, Indiana University. Test of a frustration hypothesis of “depression effects.”

2:00 J. Keith Matheny and James H. McHose, Southern Illinois University. The frustration effect as a function of second delay reinforcement.


2:30 Roger E. Ulrich and Peter C. Wolff, Illinois Wesleyan University; and Nathan H. Azrin, Behavior Research Laboratory, Anna State Hospital. Intra- and inter-species fighting as a function of aversive stimulation.

BUSINESS MEETING
FRIDAY, 3:00 P.M.
Venetian Room, Second Floor

Agenda will be posted at the Registration Desk by noon Friday.

PRESIDENTIAL ADDRESS
FRIDAY, 4:00 P.M.
Terrace Casino, Lower Lobby

I. E. Farber, University of Iowa, Chairman

“HOMOGENEITY AND VARIATION IN MEASURING PERSONALITY”
Donald W. Fiske, University of Chicago

SOCIAL HOUR
FRIDAY, 5:00 P.M.
Terrace Casino Foyer, Lower Lobby

SYMPOSIUM
FRIDAY, 8:00-10:00 P.M.
Constitution Room, First Floor

PSYCHOTHERAPY: SOME CHALLENGING CLIENT POPULATIONS
Harriet E. O’Shea, Purdue University, Chairman

Special needs for psychotherapy with the physically disabled.

Leonard Pearson, Rest Haven Rehabilitation Hospital, Chicago, Illinois. Some factors influencing the psychotriapeutic process in a VA-NP hospital.

Fred E. Spaner, Veterans Administration Hospital, Downey, Illinois.

SYMPOSIUM
FRIDAY, 8:00-10:00 P.M.
Grand Ballroom, First Floor

RANDOM SHAPES
Don Lewis, University of Iowa, Chairman
Statistical and associational characteristics of a large sample of random shapes of different complexities. James M. Vanderplas, Washington University.
A new approach to the assessment of the association values of random shapes. Joanna Bartlett, University of Iowa.
Procedures for obtaining sets of mutually-equally-discriminable shapes of different average levels of discriminability. Ravipan Somnapan, University of Iowa.
Random shapes as stimuli in studies of discrimination learning in humans and three species of lower animals. Kenneth M. Michels, Purdue University.
Discussant: Don Lewis, University of Iowa.

SOCIAL PSYCHOLOGY II
SATURDAY, 8:30-10:30 A.M.
Constitution Room North, First Floor
Jack Sawyer, University of Chicago, Chairman
8:30 Richard H. Willis, Washington University. Two dimensions of conformity-nonconformity.
8:45 Lynn R. Anderson and Fred E. Fiedler, University of Illinois. Group creativity under participatory and supervisory leadership.
9:00 William A. Mowbray and Fred E. Fiedler, University of Illinois. The leader's contribution to performance in cohesive and uncohesive task groups.

Reinforcing effects of congruent group judgments on conforming behavior.
9:30 Gerald Miller, North American Aviation, Inc. The effects of social pressure on the response to electrical current.
10:00 Lane K. Conn and Douglas P. Crowne, Ohio State University. Instigation to aggression, emotional arousal and defensive emulation.

HUMAN MOTIVATION
SATURDAY, 8:30-10:15 A.M.
Grand Ballroom, First Floor
Salvatore R. Maddi, University of Chicago, Chairman
8:30 James R. Erickson, Ohio State University. The effect of punishment for errors on discrimination performance by humans.
8:45 Eric Klingor, University of Minnesota, Morris. Eliciting achievement fantasy with motion picture stimuli.
9:00 E. Wayne Herron, Lafayette Clinic, Detroit, Michigan. The relationship of experimentally aroused achievement motivation to academic achievement anxiety.
9:15 Karl E. Weick, Purdue University. The effect of cognitive dissonance on level of aspiration.
9:30 Ronald E. Walker, Loyola University; and William A. Hunt, Northwestern University. Manifest anxiety and clinical judgment—a re-examination.
9:45 Elliot N. Gole, Herbert Goldman, and Luciano L’Abate, Washington University School of Medicine. The relationship of hostility and anxiety to the learning of hostile and neutral words.
10:00 C. Wesley Jackson, Jr., Veterans Administration Hospital, Dearborn, Michigan and Mental Health Research Institute, University of Michigan; and John C. Pollard, Mental Health Research Institute, University of Michigan. Some non-deprivation variables which influence the “effects” of experimental sensory deprivation.
MEDIATIONAL PROCESSES II

SATURDAY, 8:30-10:00 A.M.
Constitution Room South, First Floor

Rudolph Schulz, University of Iowa, Chairman

8:30 Margaret Jean Peterson and Francis Colavita, Indiana University. Mediated responses and response availability as a function of the acquisition paradigm.
8:45 Zakhour I. Youssef and El Salts, Wayne State University. The semantic differentiation as a measure of mediated generalization.
9:00 James H. Koplin, Vanderbilt University. Mediated generalization of a motor response in a mixed verbal learning paradigm.
9:30 Charles Clifton, Jr., and James J. Jenkins, University of Minnesota. Mediated facilitation following simultaneous versus successive experience of concept examples.
9:45 A. Barclay, St. Louis University. The influence of variations in paradigms and associative values on mediated transfer in verbal learning.

DISCRIMINATION LEARNING

SATURDAY, 8:30-10:00 A.M.
Hollywood Room, Mezzanine

Gloria J. Fischer, University of Oklahoma, Chairman

8:30 Garvin McCain, Penny Lee, and B. L. Garrett, Arlington State College. Decreased resistance to extinction after partial reinforcement.
8:45 T. E. LeVere and D. R. Meyer, Ohio State University. Performance of monkeys in two related discrimination apparatus.
9:00 V. J. Policardi and Harold J. Fletcher, University of Wisconsin. S-R spatial contiguity effects on transfer suppression pattern discrimination LS by monkeys.
9:15 Walter F. Davis, Kansas State University. An analysis of the effective properties of objects in visual discrimination in the rat.
9:30 W. Lynn Brown and A. A. McDowell, University of Texas. Response shift learning set formation by normal and previously irradiated female Rhesus monkeys.
9:45 John W. Donahoe and Elizabeth R. Curlin, University of Kentucky.

The effects of the intensity and placement of shock on the acquisition of a food-reinforced brightness discrimination.

EARLY EXPERIENCE

SATURDAY, 8:30-10:30 A.M.
Venetian Room, Second Floor

Melvin H. Marx, University of Missouri, Chairman

8:30 Robert H. Rossler, University of Wisconsin—Milwaukee. The influence of foster parent strain on exploration, growth, and survival in two strains of mice.
8:45 Jack Werboff, Lafayette Clinic and Wayne State University. Effects of infantile febrile convulsions in rats on later behavior.
9:00 Jack T. Tapp, Vanderbilt University, and Hal Markowitz, University of California at Berkeley. The effects of infant handling on brain weights, brain cholinesterase and avoidance learning.
9:30 Arthur E. Whimbey and Victor H. Denenberg, Purdue University. Animal husbandry conditions as early experience variables.
9:45 Phillip C. Green, Michael Reese Hospital, Chicago. Influence of age and early experience on development of affect in monkeys.
10:00 Victor H. Denenberg and Lee J. Grotta, Purdue University. Social-seeking and novelty-seeking behavior as a function of differential rearing histories.
10:15 Ned J. Kline, Purdue University. Effects of tactile, thermal, and electric shock stimulation in early infancy on later learning.

SENSATION AND PERCEPTION I

SATURDAY, 8:30-10:00 A.M.
Parlor C, First Floor

Alfred Lit, Southern Illinois University, Chairman

8:30 John P. Hostetler and Charles L. Darby, Purdue University. Differences in flicker-fusion determinations among groups of varying genetic similarity.
8:45 Herbert L. Pick, Jr., University of Minnesota; John C. Hay, Smith College; and Joan Pabst, University of Minnesota. Kinesthetic adaptation to visual distortion.
9:00 Helen A. Hoath, Dan Ehlich, and J. Orbach, Institute of Psychosomatic and Psychiatric Research and Training of the Michael Reese Hospital. Reversal rate of the Necker cube under contrasting stimulus inputs.

9:15 Robert S. Zeigen and Gary C. Halfmeyer, Purdue University. Perceptual complexity, matching of random visual shapes and tonal clusters.

9:30 Edward D. Turner and William Bevan, Kansas State University. Contrast and assimilation in the estimation of numbers as a function of organization of the perceptual field.


INDUSTRIAL PSYCHOLOGY II

SATURDAY, 8:30-10:00 A.M.
Cotillion Room, Mezzanine

Charles L. Hulin, University of Illinois, Chairman

8:30 Edward Carl Ryterband, and Donald C. King, Purdue University. An evaluation of the effectiveness of supervisory training.

8:45 Carl F. Frost, Michigan State University; and Byron R. Boyes, Equitable Life Assurance Society. Organizational data and multivariate analysis.

9:00 Eugene C. Edel and Joseph Tiffin, Purdue University. The prediction of "superior" and "other" managerial personnel in a telephone company.


9:30 Willard A. Kerr, Illinois Institute of Technology; and Edward M. McGeehan, Industrial Relations Center, University of Chicago. Creative temperament as related to Halstead, strategy, and intelligence variables.

9:45 R. W. Yoelkin, Human Factors Department, Martin Marietta Company; and P. S. Shuregger, Illinois Institute of Technology. The relationship of the intra-individual coefficient to measures of adjustment.

AVOIDANCE CONDITIONING I

SATURDAY, 9:00-10:15 A.M.
Medison Room, Third Floor

M. Ray Denny, Michigan State University, Chairman

9:00 V. Edwin Bixenstine and Elaine Barker, Kent State University. The use of two factor learning theory in the prediction of avoidance behavior.

9:15 Walter J. Flaks and David C. Steinbrecher, Roosevelt University. Avoidance conditioning in the rabbit.

9:30 George G. Karas, Richard L. Willham, and David F. Cox, Iowa State University. Heritability of avoidance learning in swine.

9:45 Ronald G. Weisman and M. Ray Denny, Michigan State University. The reinforcing properties of the intertrial interval in conditioned avoidance.

10:00 Thomas C. Codwell, US Army Medical Research Laboratory, Fort Knox, Kentucky. The distribution of number of trials per session in avoidance conditioning.

PSI CHI

SATURDAY, 9:00 A.M.-1:00 P.M.
Clark Room, Third Floor

PSI CHI INVITED ADDRESS, 9:00 A.M.
Robert I. Watson, Northwestern University, Chairman

"THE PSYCHOLOGY OF VOCATIONAL PREFERENCE AND CHOICE"

John L. Holland, National Merit Scholarship Corporation

PAPER SESSION, 10:00 A.M.

Howard B. Lyman, University of Cincinnati, Chairman

Norman Stein, Baldwin-Wallace College. Discriminatory perception at a subliminal level of awareness.


Arnold Hyman, University of Cincinnati. A case of non-reversibility in an operant situation.

Gus J. Elbert, Baldwin-Wallace College. Size discrimination as a function of color.

Roberta J. Kaiser, Baldwin-Wallace College. Differences in children's preferences of aggressive vs. nonaggressive animals.

Lenora L. Griswold and Melvin L. Marcus, University of Wisconsin—Milwaukee. Experimental extinction as a function of number of reinforcements.
Andrew G. Bajcsy, Baldwin-Wallace College. The effect of a central nervous system stimulant on the physical endurance of the guinea pig.

John A. Doehne, Baldwin-Wallace College. Simple reaction time as a function of auditory stimuli at six different frequencies.

Samuel P. Bauer, Baldwin-Wallace College. Diagnostic proficiency as a function of undergraduate major.

INFORMAL BUSINESS MEETING AND COFFEE HOUR, 12:00 M.

Roger W. Russell, Indiana University, Chairman

All Psi Chi members and chapter advisors are urged to attend.

MEASUREMENT

SATURDAY, 10:45 A.M.-12:15 P.M.
Constitution Room North, First Floor

Merrill E. Noble, Kansas State University, Chairman

10:45 John E. Overhill, Kansas State University. Powered vector method of factor analysis.

11:00 Herbert Garfity and Albert E. Myers, Educational Testing Service. Analysis of variance: effects of interchanging main effects and interactions by rearranging data.

11:15 Dale J. Shaw and Edward C. Bramlage, Purdue University. A short form WAIS for use with a superior population.

11:30 Richard S. Gillmer, Humber, Mundie & McClary; and William A. Owens, Purdue University. Factored life history antecedents of intellectual change.

11:45 Lyle Schoenfeldt, Richard Gillmer, Paul Kelley, and W. A. Owens, Purdue University. Some longitudinal evidence regarding the validity of indices for intellectual deterioration.

12:00 L. Wolins, K. E. Johnson, and A. C. MacKinney, Iowa State University. Direct magnitude estimation of scale values of attitude statements compared with a normal transformation of scale values derived from the method of equal appearing intervals.

CLINICAL PSYCHOLOGY II

SATURDAY, 10:30 A.M.-12:30 P.M.
Grand Ballroom, First Floor

Gordon E. Rader, University of Chicago, Chairman

10:30 Michael M. Reece and Leonard E. Musica, Wayne State University. Warmth, coldness and expressive reinforcement.


11:00 William G. Shipman, Michael Reese Hospital, Chicago. TAT validity; congruence with a personality inventory.

11:15 Ferdinand van der Veen, Dane County Guidance Center, Madison, Wisconsin; Bernard Houbner, Brown County Public Welfare Department, Green Bay, Wisconsin; Barbara Jorgens, Children's Memorial Hospital, Chicago, Illinois; Paul Neja, Jr., Manitowoc County Mental Health Center, Manitowoc, Wisconsin. The parent's concept of the family as a factor in family adjustment.

11:30 Robert A. Waggoner, Veterans Administration Hospital, Indianapolis, Indiana. The Rorschach test: a perceptual or a grammatical device?

11:45 Sol L. Garfield, Nebraska Psychiatric Institute, University of Nebraska College of Medicine. Patient-therapist interactions and continuation in psychotherapy.

12:00 Ralph L. Butebaugh, Apple Creek State Hospital; and V. Edwin Bixensan, Kent State University. Integrative behavior in adolescent boys as a function of delinquency and race.

12:15 Frederick H. Kanfer, University of Oregon Medical School; and Albert R. Marston, University of Wisconsin. Conditioning and generalization of self-evaluative judgments (self-reinforcement).

RETENTION

SATURDAY, 10:15 A.M.-12:30 P.M.
Constitution Room South, First Floor

William E. Montague, University of Illinois and Naval Electronics Laboratory, Chairman


10:30 Clyde E. Noble, Montana State University; and Richard K. Smith, Tulane University. An experimental test of Furst's mnemonic technique applied to verbal learning and memory.

10:45 Edward C. Carterette, University of California, Los Angeles, and Richard S. Bogatz, University of Iowa. Free recall of redundant strings of symbols by children.
11:00 Gerald Frincke, University of Illinois. A correlational study of stimulus characteristics influencing the free recall of nouns.


11:30 Robert E. Morin, Andrew Konick, and Jon Williams, Kent State University. Short term memory and reaction time: keeping track of several variables.

11:45 Henry Loess, College of Wooster. Proactive inhibition in short-term memory.

12:00 David G. Born, Charles K. Allen, and Delos D. Wickens, Ohio State University. Proactive inhibition in short-term memory.

12:15 Michael I. Posner, University of Wisconsin. Rate of presentation and order of recall in immediate memory.

ANIMAL LEARNING

SUNDAY, 10:15 A.M.-12:15 P.M.

Hollywood Room, Mezzanine

Isidore Gormezano, Indiana University, Chairman

10:15 Robert Rosenthal, Harvard University; and Kermit Fode, University of North Dakota. The effect of experimenter bias on the performance of the allino rat.

10:30 William B. Pavlik, Rutgers University. Partial reinforcement effects following standard and equated acquisition performances.

10:45 Donald F. McCoy and Melvin H. Marx, University of Missouri. The effects of a single constant delay of reinforcement on resistance to extinction.

11:00 Keith N. Clayton, Vanderbilt University. Noncorrected nonreward during widely-spaced T-maze probability learning.

11:15 James R. Ison, University of Rochester. T-maze reversal and reward magnitude at two levels of training.

11:30 Robert F. Chapman and Nils J. Carlson, Western Reserve University. Effect of number of goal box cues on "latent extinction."


12:00 A. A. McDowell and W. Lynn Brown, University of Texas. The learning mechanism in response perseveration learning set to nonrewarded cues.

DRUGS AND BEHAVIOR

SUNDAY, 10:45 A.M.-12:15 P.M.

Venetian Room, Second Floor

John A. Harvey, University of Chicago, Chairman


11:00 Adriano J. Smith, University of Chicago. The effect of an hallucinogenic drug on sensory control of maze performance in rats.

11:15 J. Jay Braun and Donald R. Meyer, Ohio State University. The effect of dl-amphetamine sulfate on the reorganization of a brightness habit in the visually decorticate rat.

11:30 Kenneth M. Kleinman and Hans Schmidt, Jr., Washington University School of Medicine. Water ingestion during daily barbiturate treatment and withdrawal.

11:45 Mildred Wise and Barbara Doty, North Central College. Effects of chlorpromazine and age on consolidation in rats.

12:00 Sanford B. Singer and N. M. Corbin, Western Reserve University. The effect of dl-amphetamine on T-maze learning and extinction.

SENSATION AND PERCEPTION II

SUNDAY, 10:15 A.M.-12:00 M.

Parlor C, First Floor

George Reynolds, University of Chicago, Chairman

10:15 Alfred Lit, Southern Illinois University. Equidistance settings at photopic retinal illuminance levels as a function of target velocity in a frontal plane.

10:30 Frank L. Agee, Jr., University of Oklahoma; and Walter C. Gogel, Civil Aeromedical Research Institute. The perception of relative depth in the presence of a binocular illusion.

10:45 Bruce E. Dunn and Stuart W. Thomas, Marshall University. Monocular depth cues in the trapezoid.

11:00 Edward E. Eddowes, McDonnell Aircraft Corporation. The effects of hue of adaptation illumination on detail vision under low illumination conditions.

11:15 Rudolph G. Mortimer, Purdue University. Form discrimination as a function of glare and illumination.
11:30  Raymond H. Hohle, University of Iowa. Components of reaction time to low intensity visual stimuli.

11:45  Richard E. Wienen, North American Aviation, Inc. The prediction of individual differences in color vision.

ENGINEERING PSYCHOLOGY

SATURDAY, 10:15 A.M.-12:00 M.
Coffin Room, Mezzanine

Edward A. Bilodeau, Tulane University, Chairman

10:15  Stanley M. Moss, Mental Health Research Institute, University of Michigan. Tracking with a differential brightness display.

10:30  Robert Buckholz, Ohio State University. Effects of whole body vibration on human performance.

10:45  J. Roger Ware, Boyd Kowal, and Robert A. Baker, Jr., U. S. Army Armor Human Research Unit, Fort Knox, Kentucky. The effects of verbal and non-verbal knowledge of results on detection performance.

11:00  Richard F. Haines, Michigan State University. Postural orientation in a hypodynamic environment: I. The effect of prior experience.


11:45  Kenneth Cross, Merrill Noble, Don Trumbo, and Lynn Ulrich, Kansas State University. Task predictability in the organization and acquisition of tracking skill.

AVOIDANCE CONDITIONING II

SATURDAY, 10:30-11:45 A.M.
Medison Room, Third Floor

Jack T. Tapp, Vanderbilt University, Chairman

10:30  M. Ray Denny and Ronald G. Weisman, Michigan State University. The acquisition and extinction of an avoidance response as a function of length of non-shock confinement.

10:45  Louis R. Hellwig and Melvin H. Marx, University of Missouri. Acquisition and extinction of avoidance conditioning as a function of the presentation of escape responses.


11:30  Harry Fowler, University of Pittsburgh; and Neal E. Miller, Yale University. Facilitation and inhibition of runway performance by hind- and fore-paw shock of various intensities.

OPEN MEETING

SATURDAY, 1:00-3:00 P.M.
Parlor C, First Floor

Corresponding Committee of Fifty of APA Division 12.

SYMPOSIUM

SATURDAY, 1:00-3:00 P.M.
Venetian Room, Second Floor

PSYCHOLOGICAL CHARACTERISTICS OF SMALL BUSINESS CHIEF EXECUTIVES

Robert Perloff, Purdue University, Chairman

The executive as seen by a psychologist. Jay L. Otis, Western Reserve University.

The executive as seen by his subordinates. Erich P. Prion, Western Reserve University.

The executive as he sees himself. Joel T. Campbell, Western Reserve University.

Discussants: Robert Perloff, Purdue University; Robert Finkle, Standard Oil of Ohio.