



PSYCHOPHARMACOLOGY NEWSLETTER

(Division 28 - The American Psychological Association)

Issue Number 3

August 1986

Division 28 Program

All Division 28 events are scheduled at the Washington Hilton Hotel. Included are sessions sponsored by other divisions which may be of interest to Division 28 members. Numbers in parentheses indicate sponsoring Division.

Saturday, August 23

9:00-10:50 a.m.

Symposium: Nicotine Replacement Treatments in Smoking Cessation. Nina G. Schneider, chair. Cabinet Room

Efficacy of Nicotine Gum in General Practice. John M. Hughes, Steven W. Gust, Robert Keenan, Kelli Skoog, and Roy W. Pickens, University of Vermont.

Nicotine Gum Use (2 doses) in an Individualized Treatment Trial. Nina G. Schneider, UCLA.

Efficacy of Nicotine Replacement on Tobacco Withdrawal: An Empirical Study. Jack E. Henningfield, Angela Sampson, and R. Nemeth-Coslett, NIDA Addiction Research Center.

Nasal Nicotine Solution: Its Potential in Smoking Cessation and Research. Martin Jarvis, Robert West, and Peter Hajek, Maudsley Hospital.

Discussants: Murray E. Jarvik and Ellen R. Gritz.

9:00-9:50 a.m.

Paper Session: Physiological Psychology: Animal Studies. Arthur J. Nonneman, chair (6). Hemisphere Room.

Effects of Differential Experience on Exploratory Behavior and Brain Measures in Adult Rats (*Rattus norvegicus*). Michael J. Renner, University of Wyoming.

Working Memory Following Ischemia Induces Hippocampal Damage. Hasker P. Davis, Marie Taras, University of Colorado and William A. Pulsinelli, Bruce T. Volpe, Cornell Medical College.

Multiple Striatal Transplants Reverse the Behavioral Deficits in Neurodegenerative Disease

Animal Model. Paul R. Sanberg and Mark A. Henault, Ohio University.

11:00-11:50 a.m.

New Fellows/Young Psychopharmacologist Address: Conan Kornetsky, chair. Map Room

Neural Mechanisms of Fear Conditioning Measured with the Acoustic Startle Reflex. Michael Davis, Yale University School of Medicine.

Mesoaccumbens Dopamine System: Physiology, Pharmacology, and Function. Winner of the Young Psychopharmacologist Award: Francis J. White, University of Illinois at Urbana/Champaign.

Don Hake Award Address: Kennon A. Lattal, Chair (25).

Some Problems in Basic and Applied Behavior Analysis. Murray F. Sidman, Northeastern University.

11:00 a.m.-12:50 p.m.

Symposium: Health, Behavior, and Aging. Ronald P. Abeles, chair (38)

New Fellows Addresses: Plasticity in the Aging Brain. Stephen L. Chorover, chair (6). Monroe West Room.

Environmental Influences and Behavioral Changes Through the Lifespan. Marylou Cheal, University of Dayton Research Institute.

Regulation of Dendritic Extent: Human Aging Brain and Alzheimer's Disease. Paul D. Coleman, University of Rochester School of Medicine.

1:00-1:50 p.m.

New Fellows Addresses: Donald A. Overton, chair. Caucus Room

Behavioral Pharmacology of Nicotine Dependence. Jack E. Henningfield, NIDA Addiction Research Center.

Drugs as Reinforcers: History, Current Status and Future Directions. James E. Smith, LSU School of Medicine in Shreveport.

Invited address: (3)

Animal Learning Comes of Age. M. Domjan.

2:00-3:50 p.m.

New Fellows Addresses: Neural Basis of Reward and Behavior. F. Robert Brush, chair. (6). Hemisphere Room.

Carbohydrate Taste and Appetite in Animals. Anthony Sclafani, Brooklyn College of CUNY.

Reward, Learning and the Brain: Developmental Revelations and Simplifications. W. G. Hall, Duke University.

Neural Mechanisms of Reward: A Psychophysical and Electrophysiological Analysis. Peter Shizgal, Concordia University.

Age, Aging and Recovery from Brain Damage. Arthur J. Nonneman, University of Kentucky.

3:00-4:00 p.m.

Invited address: (3)

Emotional States in Memory. H. Ellis.

4:00-4:50 p.m.

Invited Address: Nathan A. Fox, chair (7)

Maternal Deprivation and Supplemental Stimulation. Saul Schanberg.

Paper Session: Neural Correlates of Memory Loss in Monkeys and Man. Allan F. Mirsky, chair (6). Map Room.

Color Cuing and Spatial Memory Following Diencephalic Lesions in Monkeys. Edward J. Holmes, Albert Einstein College of Medicine.

Effects of Temporal-lobe Lesions on Working Memory and Verbal Recall. Virginia Frisk, McGill University.

Contingent Negative Variation: A Possible Biological Marker of Alzheimer's Disease. Joseph J. Tecce, Boston College, Elizabeth A. Charlton, Mt. Auburn Hospital, Laurie A. Lutender, Tufts Medical School.

4:00-6:00 p.m.

Executive Committee Meeting: Conan Kornetsky, chair. Hamilton Room 5:00 p.m.

Social Hour: Divisions 28, 25, 6 and 3. Thoroughbred Room.

8:00 p.m.

Informal Paper Session: Steve Dworkin, Chair. Hospitality Suite.

Motor Effects of Neuroleptics. Stephen Fowler, University of Mississippi, Aaron Ettenberg and

Peggy La Cerra, University of California, Santa Barbara.

Building a Case for Perceptual Masking of Drug Stimuli. D. V. Gauvin, Wayne State University.

Effects of Tripelethamine-Opioid Combination on Milk Drinking in Rats. Tom Hudzik and Barbara Slifer, University of New Orleans.

Changes in Psychophysiological and Conditioning Variables During Ethanol Withdrawal. Michael Wang, University of Manchester.

Sunday, August 24

9:00-10:50 a.m.

Symposium: Nicotine Dependence: Withdrawal Following Cigarette, Nicotine Gum, and Smokeless Tobacco Use. R. Nemeth-Coslett and Jack E. Henningfield, co-chairs. Map Room

Subjective and Physiological Correlates of Cigarette Deprivation. R. Nemeth-Coslett, Angela Sampson, and Jack E. Henningfield, NIDA Addiction Research Center.

Electroencephalographic Effects of Nicotine Deprivation in Addicted Smokers. Wallace B. Pickworth and Ronald I. Herning, NIDA Addiction Research Center.

Impaired Information Processing in Heavy Smoker Undergoing Withdrawal from Tobacco. Ronald I. Herning, Wallace B. Pickworth, and Edward Cone, NIDA Addiction Research Center.

Chronic Abstinence Reduces Information Processing Capabilities in Heavy Smokers. Fred R. Snyder, F. C. Davis, and Jack E. Henningfield, NIDA Addiction Research Center.

Physical Dependence on Nicotine Gum: A Placebo-Substitution Trial. John R. Hughes, Dorothy Hatsukami, and Kelli Skoog, University of Vermont.

Physiological and Subjective Responses from Smokeless Tobacco Withdrawal. Dorothy K. Hatsukami and Robert M. Keenan, University of Minnesota.

Discussant: Jack E. Henningfield.

10:00-10:50 a.m.

Poster Session: Addictive Behaviors: Prevention, Etiology and Intervention. John P. Foreyt and Barbara McCrady, co-chairs (38)

1985 Distinguished Scientific Contribution Award Address: Brenda Milner, Chair (Board of Scientific Affairs). Georgetown Room.

Behaviorism, Cognitivism and the Brain. Mortimer Mishkin, National Institute of Mental Health.

11:00-12:00 a.m.

Invited Address: (40)

From Wooster to Haifa: 50 Years of Attention Research in Neuropsychology. A. Mirsky.

11:00-12:50 p.m.

Symposium: Hispanic and Pre-Columbian Contributions to Comparative and Physiological Psychology. Joe L. Martinez, chair (6). Hemisphere Room.

Ramon y Cajal: A Painter of Neurons. Joe L. Martinez, Jr., University of California, Berkeley.

Pre-Columbian Psychology: Psychological and Physiological Thinking About Wellness. Amado M. Padilla and Nelly Salgado de Snyder, UCLA.

Spanish Empirical Thought Predates English Empiricism. Rodrigo Garcia y Robertson, Villanova University.

Hispanic Contribution to Evolutionary Theory in the Natural Sciences. Eloy Rodriguez, University of California, Irvine.

1:00-1:50 p.m.

Invited Address: John Grabowski, chair. Hemisphere Room.

Scientists and Regulators: Their Common Needs. Terry Yosie, Director of Science Advisory Board, Environmental Protection Agency.

Invited Address: Carlo C. DiClemente, chair (38).

Relapse Prevention With Addictive Behaviors: Implications for Health Psychology. G. Alan Marlatt.

1:00-3:00 p.m.

Symposium: Altering Cognitive Processes: A Psychobiological Perspective. (40)

2:00-3:00 p.m.

Symposium: History of the Philosophy of Science. (26)

3:00-4:50 p.m.

Poster Session: M. Marlyne Kilbey and Larry D. Byrd, co-chairs, Exhibit Hall

Rearrest Following Residential Treatment for Repeat Offender Drunken Drivers. Dennis McCarty, Milton Argeriou, and David Mulligan, Alcohol and Health Research Services, Stoneham, MA.

Motivating Voluntary Treatment in Alcoholics Hospitalized for Trauma. Susan J. Stockman. Johns Hopkins University School of Medicine.

Alcoholism Treatment: Interventions to Improve Retention. Mary E. McCaul, Johns Hopkins University School of Medicine.

Alcoholism Intervention in the Workplace. Walter Reichman, Baruch College.

Alcohol Sensitivity and Alcohol Intake: Across- and Within-Ethnic Group Analyses. Julia A. Lee, University of California, Berkeley.

Differentiating Pipe and Cigar Smokers by Self-report and Expired-air CO₂. Seymore Herling and Lynn T. Kozlowski, Addiction Research Foundation, Toronto, Ontario.

One-Trial Discriminative Reward Learning: Reward Magnitude and Spatial Reversal Effects. David H. Malin, Phillip D. Jenkins, Mary Jo Watts, Patricia E. Spezia, and Barbara Novy, University of Houston-Clear Lake.

Psychological Symptoms and Employment Among Heroin Addicts in Methadone Treatment. David S. Metzger, Jerome J. Platt, and Ingrid Morton-Bey, Hahnemann University School of Medicine.

Effect of Cocaine on Rate of Cigarette Smoking. R. Nemeth-Coslett, Jack Henningfield, Jonathan Katz, and Steven Goldberg, National Institute on Drug Abuse, Baltimore, MD.

Social Conformity and Substance Use: Sex Differences on Longitudinal Associations. Judith A. Stein, Michael D. Newcomb, and Pete M. Bentler, University of California, Los Angeles.

Nicotine as a Reinforcer among Ex-smokers and Never-smokers. Gail K. Strickler, John R. Hughes, and David A. King, University of Vermont.

Brain Stimulation Detection: A Method for Assessing Central Drug Activity. Joseph E.G. Williams and Conan Kornetsky. Boston University School of Medicine.

Effect of Cigarette Rod Length on Smoking Topography. Phillip P. Woodson and Roland R. Griffiths, Johns Hopkins University.

Sugar Reduces Impairment Without Altering Blood Alcohol Levels in Males. Camillo Zacchia and Robert O. Pihl, Simon N. Young and Frank Ervin, McGill University.

Does Successive Drug Discrimination Training Disrupt Original Training? Jay Nierenberg and Nancy Ator, Johns Hopkins University School of Medicine.

Effects of Pavlovian Conditioning on the Ethanol Withdrawal Syndrome. Robert Numan, Santa Clara University.

Naloxone Sensitivity Under a Schedule of Shock Titration. Alison H. Oliveto and Linda A. Dykstra, University of North Carolina, Chapel Hill.

Characteristics of Male Alcohol Offenders. Katharine G. Ratliff, Indiana Central University, and Thomas E. Ellis, West Virginia University Medical Center.

Sex Differences in Alcohol's Effect on Responses to Provocation. Katharine G. Ratliff, Indiana Central University, Barry R. Brukhart and Samuel B. Green, Auburn University.

Tobacco "Chippers": A Study of Non-Dependent Cigarette Smokers. Saul Shiffman, University of Pittsburgh.

Patterns of Needle Sharing Among Intravenous Drug Abusers. John L. Black, Michael P. Dolan, Horace A. DeFord, Jody A. Rubenstein, Walter E. Penk, Ralph Robinowitz, and John R. Skinner, Dallas Veterans Administration Medical Center.

Validity of Self-Report of Substance Use in Adolescents. Mary Ann Hoffman, University of Maryland-College Park.

Discriminative Stimulus and Receptor Binding Properties of Kappa Agonists in the Pigeon. William D. Essman and James H. Woods, University of Michigan.

Similarities in the Rate-Altering Effects of White Noise and Cocaine. Leonard L. Howell, Larry D. Byrd, and M. Jackson Marr. Yerkes Regional Primate Research Center, Emory University.

Instructions and the Reinforcing Efficacy of Nicotine: A Replication Test. Suzy B. Gulliver, John R. Hughes, and Gerri Amori, University of Vermont.

Tifluadom-Induced Analgesia in Squirrel Monkeys. Raymond F. Genovese, Medical College of Virginia, and Linda A. Dykstra, University of North Carolina, Chapel Hill.

Biochemical Effects of Nicotine: Relevance to Nicotine/Body Weight Relationship. Neil E. Grunberg, Kathryn A. Popp, Uniformed Services University of the Health Sciences, Deborah J. Bowen, Texas Tech University, Stephanie M. Nespor, Suzan E. Winders, and Sharon Eury, Uniformed Services University of the Health Sciences.

Amphetamine and Haloperidol Compared in an Animal Model of Hyperactivity. Gordon K. Hodge, Elizabeth A. Reyes, Mary R. Wood, Shane Cleveland, and Christopher C. Saiz, University of New Mexico.

Alcohol and Human Aggressive Behavior: The Effects of Provocation. Thomas H. Kelly, VA Medical Center, Shreveport, Don R. Cherek, Louisiana State University Medical Center, and Joel L. Steinberg, VA Medical Center, Shreveport, LA.

Maintenance Effects of Contingency Contracting with Methadone Maintenance Clients, John L. Black and Michael P. Dolan, Dallas VA Medical Center.

Nicotine Effects on Human Avoidance Responding. Don R. Cherek, Joel L. Steinberg, Louisiana State University Medical Center, Thomas H. Kelley, VA Medical Center, Shreveport, Neal L. Benowitz, University of California, San Francisco.

Brain Sites Involved in the Behavioral Effects of Intraventricularly Administered (-)-Nicotine. Victor J. DeNoble and Paul C. Mele, Virginia Commonwealth University.

Memory Enhancement with Clonidine in Schizophrenia. Robert B. Fields, Jules Rosen, Jeffrey Peters, and Daniel P. Van Kammen. VA Medical Center, Pittsburgh.

Objective and Subjective Aggression Measures: Effects of Alcohol and Diazepam. Joel L. Steinberg, Don R. Cherek, and Thomas H. Kelly, Louisiana State University Medical Center.

Pharmacological Characterization of Supersensitivity to Naltrexone in Squirrel Monkeys. Charles P. France and William H. Morse, Harvard Medical School.

Amnestic Properties of the Benzodiazepines. William T. Kirk and Roland R. Griffiths, Johns Hopkins University.

Physostigmine-Induced Analgesia in Mature and Senescent Rats. Janet S. Knisely, Medical College of Virginia, and Robert J. Hamm, Virginia Commonwealth University.

Autonomic Hyper-Reactivity, Sensitivity to Alcohol and Genetic Risk for Alcoholism. Peter R. Finn and Robert O. Pihl, McGill University.

Vasopressin Enhances Memory for Prose. Bill E. Beckwith, Thomas V. Petros, Paula Bergolff and Robin Staebler, University of North Dakota.

The Theoretical Model: Arousal, Coercion and Therapy as Prevention Methods. Arthur P. Sullivan, New York City Board of Education, Robert Guglielmo, NYC Family Court Mental Health Services, and Roxane Polak, Hofstra University.

Peer-Group Counseling to Prevent Substance Abuse. Barbara A. Taylor, Lord Stirling School, Glen Ridge, NJ.

Management of School Based Substance Abuse Prevention Programs. Roberta Blotner and Levander Lilly, New York City Board of Education.

Evaluation: Elicitation, Response, Response Appropriateness, and Outcomes. Arthur P. Sullivan, New York City Board of Education.

Treatment of AIDS in Substance Abuse Programs. James L. Sorensen, Steven L. Batki, Barbara Faltz and Scott Madover, University of California, San Francisco.

Double-Blind Versus Deceptive Administration of Placebo Caffeine. Irving Kirsch and Lynne J. Weixel, University of Connecticut.

Does Alcohol Reduce Tension in Heterosexual Interaction? Sandra A. Brown and John C. Schafer, University of California, San Diego.

CNS Stimulant Effects on Aggression in ADD and ADD/Aggressive Children. William E. Pelham, Florida State University, and Debra A. Murphy, University of Mississippi Medical Center.

3:00-3:50 p.m.

Paper Session: Comparative Psychology. Jack Demarest, chair (6). Monroe West Room.

Sexually Dimorphic Electric Organ Discharges in *Gnathonemus petersii*. Robert E. Landsman, Shaw Hwa Jou, Peter Moller, Hunter College and City College, New York.

Reproductive Behavior of the Female Leopard Frog. Carol Diakow, Adelphi University.

Development of Pain Coordination in the Territorial Duet of Siamangs. E. G. Maples, M. M. Haraway, C. W. Hutto, Northeast Louisiana University.

3:00-5:00 p.m.

Symposium: Vision Research and Aging. (20)

6:00 p.m.

Social Hour: Divisions 28 and 6. Military Room.

Monday, August 25

8:00-8:50 a.m.

Symposium: Tryptophan/Serotonin Influences on Response to Alcohol. Peter E. Nathan, chair. Caucus Room

Behavioral and Electroencephalographic Effects of Acute Dietary Tryptophan and Alcohol. Edward Westrick and Peter E. Nathan, Rutgers University.

Behavioral Correlates of Amino Acid Alterations in Alcoholics. Laura Branchey, Mt. Sinai School of Medicine.

The Influence of Tryptophan on Alcohol-Induced Impairment and Alcohol Selection. Camillo Zacchia, McGill University.

Serotonin, Ethanol and Memory: Exploring Psychobiological Processes that Mediate Disruptions in Cognition. Herbert Weingartner and Markku Linnoila, National Institute of Mental Health.

Discussant: Robert O. Pihl.

9:00-10:50 a.m.

Symposium: Drug and Alcohol Use in the Military: 1985 Worldwide Survey. Robert M. Bray, chair. Caucus Room

The Scope, Goals, and Methodology of the 1985 Worldwide Survey. L. Lynn Guess and Kirk Pate, Research Triangle Institute.

Prevalence and Trends in Alcohol and Drug Use in the Military. Mary Ellen Marsden, Robert M. Bray, and L. Lynn Guess, Research Triangle Institute.

Negative Effects of Alcohol and Drug Use Among Military Personnel. Robert M. Bray, Mary Ellen Marsden, and L. Lynn Guess, Research Triangle Institute.

Health Promotion and Substance Use in the Military. John R. Herbold, Office of the Assistant Secretary of Defense and Robert M. Bray, Research Triangle Institute.

Discussant: John F. Mazzuchi.

Symposium: Neuropeptides and Immunity in Animals, Normal Volunteers, and Cancer Patients. Sandra M. Levy, chair (38)

Symposium: Improving the Quality of Life of Laboratory Primates. Evalyn F. Segal, chair (6,25) Military Room.

The Interface Between Research and Environmental Enrichment. Hal Markowitz, San Francisco State University, and Joseph J. Spinelli, University of California, San Francisco.

The Feeding Ecology of the Laboratory Primate. Leonard A. Rosenblum, SUNY at Brooklyn.

What Constitutes Enrichment for Captive Primates? Melinda Novak, University of Massachusetts.

Outdoor Enclosures as Laboratory Environments for Macaque Monkeys. Stephen Suomi and Peggy L. O'Neill, National Institute of Child Health and Human Development.

Discussants: Roger Fouts and Joan Lockard.

11:00-11:50 a.m.

Invited Address: Herbert C. Langell, chair (6) Jefferson East Room.

The Parietal Visual System and Optic Flow. Vernon B. Mountcastle, Johns Hopkins School of Medicine.

12:00-1:50 p.m.

Paper Session: Linda Dykstra, chair. Caucus Room.

The Effects of Alcohol on the Speed of Memory Retrieval. Jennifer Stempel, Bill E. Beckwith and Thomas V. Petros, University of North Dakota.

Methadone, and Acetylmethadol: Systematic versus Differential Effects on Affective States. Frederick R. Snyder, National Institute on Drug Abuse, Baltimore, and Mark A. Reynolds, University of Maryland Dental School.

Effects of Marijuana and Task Performance on Cardiovascular Responsivity. Richard M. Capriotti, Richard W. Foltin, Joseph V. Brady and Marian W. Fischman, Johns Hopkins University School of Medicine.

Contrast Addiction Theory: Riding the Escalator to Paradise Lost. John M. Berez, Andrews University.

Compliance for Pharmacotherapy and Psychotherapy in ADD Children. Ronald T. Brown, Emory University School of Medicine, Kathi A. Borden, Roosevelt University, and Phillip Jenkins, University of Houston.

Effects of Pimozide, Clozapine and Amphetamine on Multiple Random Interval Performance. Joseph H. Porter and Heidi B. Freese, Virginia Commonwealth University.

Changing Concepts of the Brain Basis for Language. Harry A. Whitaker, Neuropsychiatry Institute, Fargo, ND.

3:00-3:50 p.m.

New Fellows Addresses: Nancy A. Ator, chair. Map Room.

Behavioral Pharmacology of Opioid Tolerance. Alice M. Young, Wayne State University.

Behavioral Tolerance to Alcohol: Expectancies and Incentives. Muriel D. Vogel-Sprott, University of Waterloo.

4:00-4:50 p.m.

Presidential Address: John Harvey, chair. Map Room.

The Effects of Opiates and Stimulants on Brain Stimulation: Implications for Abuse. Conan Kornetsky, Boston University School of Medicine.

5:00-5:50 p.m.

Business Meeting: Conan Kornetsky, chair. Map Room.

Tuesday, August 26

8:00-9:50 a.m.

Symposium: Behavioral Medicine and Diabetes Mellitus. Daniel J. Cox, chair (38)

9:00-10:50 a.m.

Symposium: Vulnerability to Drug Abuse. Roy W. Pickens, chair. Monroe West Room.

Familial Factors in Drug Abuse. Victor M. Hesselbrock and Michie Hesselbrock, University of Connecticut Health Center.

Genetic Factors in Drug Abuse. Dace S. Svikis and Roy W. Pickens, NIDA.

Behavioral Factors in Drug Abuse. John G. Grabowski, LSU Medical Center.

High-Risk Studies of Drug Abuse. Marc A. Schuckit, University of California, San Diego.

Discussant: George E. Bigelow.

Symposium: The Plasticity of the Aged. (25)

11:00-11:50 a.m.

Invited Address: Nancy J. Leith, chair. Jefferson East Room.

Anti-Depressant Drug Research: Its Impact on Neurobiology and Hypotheses of Affective Disorders. Fridolin Sulser, Vanderbilt University School of Medicine.

12:00-12:50 p.m.

Invited Fellows Addresses: Disease and Detection. Mimi Halpern, chair (6). Monroe East Room.

"Bugs in your Brain": Parasitic Infection, Brain and Behavior. Peter J. Donovan, SUNY at Binghamton.

Vagal Tone: A Noninvasive Window to the Brain. Stephen W. Porges, University of Maryland.

2:00-2:50 p.m.

Invited Address: Stephanie Stolz, chair.

Whatever Happened to Psychology as a Science of Behavior? B.F. Skinner, Harvard University.

2:00-3:50 p.m.

Invited Fellows Addresses: Mechanism and Evolution of Audition, Vision, and Language. Linda M. Bartoshuk, chair (6). Monroe East Room.

Physiological and Evolutionary Determinants of Primate Color Vision. D. Max Snodderly, Jr., Eye Research Institute, Boston.

A Comparative Study of Mammalian Hearing. Rickye S. Heffner, University of Kansas.

Role of Auditory Cortex in Hearing. Henry E. Heffner, University of Kansas.

12:00-1:50 p.m.

Symposium: The Future of Physiological Psychology: Reasons for Optimism and Concern. Mark R. Rosenzweig, chair (6). Thoroughbred Room.

Physiological Psychology and the Future: An Optimist's View. Mortimer Mishkin, NIH.

Physiological Psychologists in Psychology and Neuroscience. Hasker P. Davis, University of Colorado and Mark R. Rosenzweig, University of California, Berkeley.

Developments in Physiological Psychology from the Viewpoint of Health Psychology. Neal E. Miller, Rockefeller University.

Physiological Psychology and Neuropsychology. Larry R. Squire, University of California, LaJolla.

Physiological Psychology and Neuroscience. Richard F. Thompson, Stanford University.

What Physiological Psychology Should Study. George Collier, Rutgers University.

1:00-1:50 p.m.

Paper Session: Maxine Stitzer, chair. Monroe East Room.

Smoking Satisfaction: Sensory and Pharmacologic Components. Jed E. Rose and Carol Hickman, University of California, Los Angeles.

Effects of Mecamylamine on Subsequent Smoking and Plasma Nicotine Levels. Cynthia S. Pomerleau, Ovide F. Pomerleau, and Mark J. Majchrzak, University of Michigan School of Medicine, Jean-Jacques Hajjar, and William R. Shanahan, University of Connecticut.

Pituitary Hormone Response to Nicotine in Cigarette Smokers. Ovide F. Pomerleau, Cynthia S. Pomerleau and Mark J. Majchrzak, University of Michigan School of Medicine.

2:00-3:50 p.m.

Symposium: Gender Differences in Smoking Cessation. Ellen R. Gritz, chair. Monroe East Room.

Factors Affecting Smoking Cessation in Women. Ellen R. Gritz, Alfred C. Marcus, Barbara Berman, and Clifford R. Carr, University of California, Los Angeles.

Effect of Social Support on Gender Differences in Smoking Cessation. Terry F. Pechacek, Cynthia Sillers, Russell E. Glasgow, David Murray, Susan M. Blake, Maurice B. Mittelmark, Barbara Loken and Russell V. Luepker, University of Minnesota.

Cigarette Smoking, Stress, and Health Status Among Black Americans. Vickie M. Mays, M.

Belinda Tucker, and James S. Jackson, University of California, Los Angeles.

Women's Worries About Weight Gain After Smoking Cessation are Justified. Neil E. Grunberg, Uniformed Services University of the Health Sciences.

Discussant: Sharon M. Hall.

INVITED ADDRESSES OF GENERAL INTEREST

Other addresses by leading clinicians and researchers will include:

August 22

"Being Black in America: The Politics of Personality" by James M. Jones, University of Delaware

"Growing Up in Single Parent Families: Effects of Father Absence" by Marsha Weintraub, Temple University

August 23

"Human Parental Investment Strategies: Evolutionary and Historical Perspectives" by Jane B. Lancaster, University of New Mexico

"Programmed Instruction Revisited" by B.F. Skinner, Harvard University

"Intelligent Intervention" by child and developmental psychologist Sandra Scarr, University of Virginia

"Beyond Type A: Psychological and Physiological Refinements" by Redford B. Williams, Jr., Duke University Medical School

"Psychology in Space: The Design of Space Habitats" by Yvonne Clearwater, NASA/Ames Research Center

"The Type T Personality" by Frank H. Farley, University of Wisconsin-Madison

August 24

"Life Stress and Psychopathology: Progress on Research Begun with Barbara Dohrenwend" by Bruce P. Dohrenwend, Columbia University

"What the Hands Reveal About the Brain" by Ursula Bellugi and Howard Poizner, Salk Institute for Biological Studies

"Choice Trade-Offs and Reversals of Preference" by Amos Tversky, Stanford University

August 25

"Changing American Families: Implications for Quality of the Next Generation" by Urie Bronfenbrenner, Cornell University

"Presymptomatic Screening in Fetuses and Adults: Moral and Psychological Issues" by Ruth Faden, The Johns Hopkins University

"The Role of Selective Inattention in Politics and War" by Ralph K. White, George Washington University

August 26

"Anti-Depressant Drug Research: Its Impact on Neurobiology and Hypotheses of Affective Disorders" by Fridolin Sulser, Vanderbilt University

"Being Lonely, Falling in Love: Perspectives from Attachment Theory" by Philip R. Shaver, University of Denver

BRIEFING ON APA REORGANIZATION

Prepared by the Committee of Concerned Researchers

(The Committee of Concerned Researchers is a coalition of individuals and groups working for APA reorganization, especially to strengthen research and scientist-practitioner interests. For further information or to join, write to the Committee of Concerned Researchers, c/o Milton D. Hakel, Dept. of Psychology, University of Houston, Houston, TX 77004. The members of the Steering Committee are Ursula Delworth, Division 17; Milt Hakel (Chair), Division 14; Norm Kagan, Scientist-Practitioner Coalition; Lyle Schoenfeldt, Division 5; Shepard Siegel, Division 6; and Ladd Wheeler, Division 8.)

While there are hundreds of details still to be settled, the broad outline of the plan by the Task Force on the structure of APA (TF/SAPA) for decentralizing APA appears to be firm. In addition, the prospects for bringing a plan to the membership for a vote (2/3rds approval needed) are improving. The next six months will be crucial in its formulation and potential for adoption. The final plan is likely to be one that researchers, scientist-practitioners, and all APA members can support enthusiastically.

In recent months there have been several versions of the plan, but now sources both on and off of TF/SAPA say that the main features are firm. The main features are:

1. **Assemblies.** At least initially, there will be two assemblies: The Assembly for Scientific and Academic Psychology (ASAP) and the Assembly of Psychologists in Health and Human Services (APHHS). APA members must choose to vote in one or the other. All licensed psychologists covered by the mandatory special assessment must pay dues to APHHS, unless exempt (teaching, non-health practice and research are exempt). Each assembly may speak in its own name, but not in APA's name without the approval of the other assembly. Each assembly writes its own bylaws within the framework of the APA bylaws, establishes its own governance, elects its own President, and sets its own

dues (above a base level of APA dues). New assemblies may be created by a 20% petition.

2. **A Bill of Rights and Social Responsibilities.** The BRSR provides for nondiscriminatory proceedings throughout APA, and requires that each Assembly shall establish at least three standing boards: Ethnic and Minority Affairs, Women in Psychology, and Social and Ethical Responsibilities in Psychology. Other boards and committees may be established and funded at the discretion of each assembly.

3. **Joint Assembly Coordinating Committee (JACC).** To facilitate coordination of policy making, and to assist in resolving conflict between assemblies, JACC will be created. It will consist of either: Option 1) Eight members (four from each assembly), or Option 2) Nine members, in the same proportions as the Trustees. JACC will review policy initiatives from assemblies and make recommendations to others regarding whether the policy should be approved as APA policy. It will prepare consensus and compromise drafts. Ultimate authority rests in the assemblies, however. Should conflict be unresolved, any assembly at its own expense can submit any issue for a referendum by APA's voting members.

4. **Board of Trustees (BOT).** The nine-member BOT will manage the corporate affairs of APA. Trustees will be apportioned to the assemblies in accord with the numbers of voting members in each. The Board will elect its own Chair, Recording Secretary, and Treasurer. The President of each Assembly and the APA Executive Officer will serve as ex-officio Trustees. The BOT will oversee the Central Office, the general budget, APA structure and resources, and any matters the assemblies place under its care. The BOT will replace the Finance Committee. Surpluses (or losses) from APA property will pass to the assemblies on a pro rata basis. The BOT will set the base level of APA dues, and each assembly may add its own dues differentially.

5. **Boards and Committees.** Reporting to the BOT: Membership, Ethics, and Investment. Reporting to each assembly: Convention (tentative), Education and Training, Publication and Communications. Reporting separately within each assembly: Ethnic and Minority Affairs, Women in Psychology, Social and Ethical Responsibility in Psychology. Reporting to APHHS: Professional Affairs (probably also Professional Development or Professional Advocacy). Reporting to ASAP: Scientific Affairs. Discontinued: Council of Representatives, Board of Directors, Policy and Planning Board, Finance Committee.

Commentary

This plan will be refined during the summer and presented to the Council for information in August. Assuming that the Council likes the plan, it will be transformed into a set of bylaw amendments during the autumn and presented to the BOD and the Council in December and January. The issue could go to the voters next spring.

If adopted by the voters, there will be a two-year transition period during which the Council will continue to function and the assemblies will be set up. The plan decentralizes APA, making the boards and committees, together with the Central Office, more accountable to more homogeneous governing groups. The organizational structures of the assemblies are yet to be specified, but ASAP will probably be composed of divisions. As assemblies begin to evolve, it will be important to be sure that ASAP becomes the home for all researchers, including clinical, counseling, school and other scientist-practitioner groups.

There now seems to be growing support for reorganization in the state association and HCP communities. Researchers have long favored reorganization, and a pre-Council meeting in August is scheduled to begin forming ASAP's nucleus.

Only the highlights of the plan are described above. To get a copy of the complete committee report, write to Dr. Jack Bardon, Chair, TF/SAPA, APA, 1200 Seventeenth St., N.W., Washington, DC 20036, requesting his memorandum of May 8.

Conclusion: APA's members and leaders should work forcefully for the completion and adoption of TF/SAPA's May plan.

APA FILES AMICUS BRIEF IN ANIMAL RIGHTS CASE:

In April, the APA Central Office joined about 70 other major scientific associations in filing a brief as amicus curiae in support of the NIH and Institute for Behavioral Research position that animal rights groups do not have a legal standing to intervene in federal cases involving the use of animals in research. APA contributed important sections of this brief. This is another example of how APA has been in the forefront on this issue so important to our division.

CONFERENCE ON ANIMAL TESTING

F.O.R.U.M. (Future Outcomes of Research Upon Mankind)/Emeritus presents a conference on "Animal Testing, Animal Welfare, and Public Relations" on October 20-21, 1986 at Crowne Plaza, White Plains, New York. The topics are THE MEDIA & THE SCIENTIST and THE INDUSTRIAL PERSPECTIVE. The workshop presentations will address the issues of establishing better communications between the scientific community and the media, promoting public awareness of the medical benefits of research, participating in the legislative process, studying alternatives to animal testing, and strengthening collaboration among industry academia, government, and animal welfare proponents.

Participating faculty include Ms. Frankie Trull (Executive Director, Association for Biomedical Research), Mr. Henry Spira (Coordinator, Coalition to Abolish LD50 and the Draize Tests), Mr. Larry Horton

(V.P. Public Affairs, Stanford), Dr. Marshall Steinberg (V.P. and Scientific Dir., Hazleton Laboratories), Dr. Andrew Rowan (Tufts Sch. Vet. Med.), Dr. Richard Bednarz (V.P. Science, CTFA), Dr. Gary Ellis (Office of Technology Assessment), Dr. Sidney Green (FDA), Ms. Roberta Garfinkle (NIH), Ms. Barbara Mishkin, Esq. (Hogan & Hartson).

Information and registration contact: Dr. Evelyn B. Allen, President Emeritus Enterprises, P.O. Box 2025, River Vale, New Jersey 07675. Phone: (201)768-7621.

FELLOWSHIPS IN THE BEHAVIORAL SCIENCES AVAILABLE

The NIH Working Group on Health and Behavior wishes to bring to the attention of the research community that the NIH National Research Service Awards (NRSA) program provides postdoctoral and senior fellowships in the behavioral sciences as well as in the biomedical sciences. Fellowships are available to postdoctoral and senior scientists for up to three years depending upon their prior research experience.

NIH supports research fellowships in a wide range of behavioral science topics, including research on basic processes as well as research applied to behavioral factors in health and illness. The NRSA program offers an opportunity to research scientists and clinicians to broaden their scientific background or to extend their potential for research in areas supported by the various Institutes at NIH.

Receipt dates for applications are January 10, May 10 and September 10 of each year. For information about NRSA fellowships, including application procedures, applicable regulations, stipends and allowable costs, please contact: Office of Grant Inquiries, Division of Research Grants, NIH, Westwood Building 449, Bethesda, MD 20892 (Tel 301-496-7441).

ONR INITIATES BEHAVIORAL IMMUNOLOGY RESEARCH PROGRAM

The Office of Naval Research (ONR) has initiated a program of basic research that addresses the interactive mechanisms relating the environment, psychological characteristics, and central nervous and immune systems. The ultimate objective is to understand the processes that influence susceptibility to diseases (particularly infectious) controlled by the immune system, especially in individuals under stress.

Studies on both human and non-human subjects will be supported. Behavioral variables of special interest include: perceptions, cognitions and emotions; coping strategies; and personality characteristics. Investigators with a special interest in this program can get more detailed information by contacting James Lester, ONR (Code 1142), 800 N. Quincy St., Arlington, VA 22217.

ACADEMIC RESEARCH ENHANCEMENT AWARDS TO CONTINUE

In its report accompanying the FY 85 appropriation for NIH, Congress called for an initiative to strengthen the research milieu of non-research-intensive, four-year colleges and universities which provide undergraduate or graduate training for a significant number of our nation's research scientists. In FY 85, the NIH made \$5 million available for this purpose and was able to award 75 "Academic Research Enhancement Awards" (AREAs). This award is designed to enhance the research environment of educational institutions that have not been traditional recipients of NIH research funds. The award is intended to support new research projects or expand ongoing research activities proposed by faculty members of these institutions in areas related to the health sciences.

Congress again appropriated funds for the AREA program for FY 86. Grant applications for those are currently undergoing review for scientific merit. Since it is anticipated that additional funds will be available next year, NIH is now inviting grant applications for the FY 87 competition for AREA grants.

Further information and/or application materials are available from: AREA Office of Grant Inquiries, Division of Research Grants, NIH, Westwood Building 449, Bethesda, MD 20892.

PRESIDENTIAL YOUNG INVESTIGATOR AWARDS

The competition for NSF's 1987 Presidential Young Investigators is underway. A maximum of 200 new awards will be made--twice the number awarded in 1986. At least half of these new awards will be in engineering. Begun in 1983, the program provides support for faculty members near the beginning of their careers and is intended to help universities attract and retain outstanding young Ph.D.s who might otherwise pursue non-teaching careers. Each recipient receives funds for up to five years, a combination of federal and private matching funds.

Awards will be announced in February 1987. For further information, contact Presidential Young Investigator Awards, Room 414, NSF, Washington, DC 20550, (202)357-7536.

COMPUTER BULLETIN BOARD PROVIDES FUNDING INFORMATION

The American Psychological Association has a Computer Bulletin Board which provides up-to-date funding information. It is a computer data base containing summaries of behavioral and social sciences funding announcements along with deadline, eligibility and application information. There is no charge other than the toll telephone call to APA's central computer in Washington D.C. All that is needed to access the Bulletin Board is a computer terminal and a modem. To receive an instruction sheet, contact William Bailey at APA's Office of Legislative Affairs; 1200 17th St., N.W.; Washington, D.C. 20036; (202) 955-7742.

POSITIONS AVAILABLE

PRE- AND POST-DOCTORAL FELLOWSHIPS: Fellowships supported by a NIDA training grant are available in the Department of Pharmacology and Toxicology at the Medical College of Virginia. Contact Robert L. Balster, Ph.D., Box 613, MCV Station, Richmond, VA 23298 (804)-786-8402.

IT'S YOUR NEWSLETTER

This newsletter can provide a valuable service for Division 28 members if you choose to utilize it. It is circulated to approximately 1200 people who have a direct involvement and/or interest in the area of psychopharmacology. As such, publishing in the newsletter provides you with direct and free access to the audience you'd most like to reach. Have a position available? Send an announcement giving the details. Would you like to inform others about graduate education in your department? Send a description of the program, participating faculty and research opportunities. Have you recently written or edited a book you'd like to promote? Send a brief description. Or how about an article you've just published and would like to bring to the attention of others? Don't be modest - send an abstract. It's your newsletter - please feel free to use it!

Deadline for the next issue is October 1. Send materials to Nancy J. Leith, Ph.D., G.D. Searle & Co., 4901 Searle Parkway, Skokie, IL 60077.