

PSYCHOPHARMACOLOGY NEWSLETTER AND SUBSTANCE ABUSE

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Division 28 - The American Psychological Association

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FOURTH & FINAL PRESIDENT'S LETTER

Maxine Stitzer

President, Division 28

TOPIC: Division accomplishments 1992-93

I have definitely enjoyed my term as president of Division 28, particularly the opportunity to work with the diligent and enthusiastic members of the executive committee. With their help, much has been accomplished during the previous year. Since the president has a somewhat unique overview perspective of Division activities, I thought I would use my last letter to the membership to review the year's activities and accomplishments and to give credit to those who helped.

Program: Chairwoman, **Harriet de Wit** has put together a stimulating and action packed convention meeting agenda for the pleasure of the membership, which is described in detail within this newsletter. The program spans 3.5 days and includes a wide range of topics from the neurobiology of craving to public policy issues in drug abuse. The program contains 47 papers and posters, 6 symposia and 10 invited addresses. Further, the quality of the program as well as its diversity and size is truly outstanding. All the Division members who submitted papers and symposia deserve thanks, since this is what keeps the program alive and vital from year to year. Harriet, though, deserves our special thanks since program chair is one of the most labor-intensive jobs in the Division. She has handled the task with grace and apparent ease. We all look forward to the fruits of her labor.

Newsletter: Another labor-intensive job is putting together the quarterly Division newsletters. This is a challenging and multifaceted task that consists of creative soliciting and shaping of the newsletter contents, sharp-eyed editing and formatting of the accepted material, and good organization to oversee the printing and mailing. **Cynthia Pomerleau** and **Linda Lipscomb** have been doing an outstanding job on this task for several years. **Cindy** is now about to retire, and a new editor will be selected at the August Executive meeting.

Secretary/treasurer: **Dave Penetar** as secretary and **Jack Henningfield** as treasurer have worked diligently to keep the Division organized and solvent. These jobs may be routine, but we could never get along without them. Thanks to Dave and Jack for their time and effort in writing minutes and graphing the ebb and flow of dollars.

Membership: **Warren Bickel** has worked hard processing and reviewing membership applications. This spring, he responded to 350 requests for information on the Division. Ten Fellow candidates have been recently forwarded to APA for approval, and 13 additional candidates were selected this year. Although there has recently been an upturn in general Division membership, with 96 new members last year, it has also become clear that boosting membership must be an important priority if we are to keep up with the growth of clinical divisions. With the expert help of **Marilyn Carroll**, Member-at-Large, a new Division brochure was designed and made available at recent professional meetings of sister societies (ABA, CPDD, etc.). Now membership initiatives are planned that include development of programs for student affiliates. Anyone interested in helping with membership activities should get in touch with Warren Bickel.

Council: **Steve Fowler** has been doing an extremely creditable job serving as our council representative for the past several years. Steve brings back all the relevant news to the Division (see his column in this newsletter). Further, as this division takes a more active role in APA affairs, he has more to do. Steve has been directed by the Executive Committee to formulate for submission to Council a resolution in support of the recent recommendation of the Psychopharmacology Task Force that a 3-credit course in psychopharmacology be required for all clinical psychology students. No issue is ever simple or unanimous with the Council, so Steve will no doubt have his work cut out for him.

Nominations: **Larry Byrd** should be particularly commended for his work as chairman of the nominations committees. This is a behind the scenes letter writing job whose scope is

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IN MEMORIAM Nancy J. Leith: 1943-1993

Marlyne Kilbey

Division 28 lost a loyal and creative member on March 30 when Nancy J. Leith died. At the time of her death, Nancy was 49 years old and President of NeuroAge, a consulting firm she founded in 1989 in Chicago, IL. Nancy was born and received her early education in Pennsylvania, graduating from Gettysburg College with a B.A. in Psychology in 1965. Immediately after graduation she worked as a computer programmer for AT&T in White Plains, N.Y. The job, however, was anathema to Nancy, with her fertile mind and abiding interest in behavior, and she left it for a laboratory assistant position at CIBA, where she was introduced to behavioral pharmacology. Intrigued by her work, she completed a master's program in psychology with Dick Houde at the University of Akron. Houde was a research colleague of Okley Ray, and Nancy's next step was to enroll in a doctoral program in biopsychology at the University of Pittsburgh, where she worked with Okley. When he accepted a position at Vanderbilt University and offered his students the chance to transfer, Nancy went. She finished her Ph.D. in 1973 and spent the next two years as a Postdoctoral Fellow in the Psychobiology and Pharmacology Departments at Vanderbilt. She remained at Vanderbilt as an Assistant Professor of Psychology and Pharmacology through 1984.

Nancy was part of an interdisciplinary research group located at Tennessee Neuropsychiatric Institute on the southeastern edge of Nashville. Somewhat removed from main-course life, the group—which included Fridolin Sulser, Elaine Sanders Bush, Bob Barrett, Dennis Schmidt, and Ron Kuczenski, along with numerous graduate students—forged a strong research program noted both for the quality of its science and the collegiality of the work group. Collegiality did not, however, preclude animated discussions—even arguments—about scientific concepts and paradigms. Those who worked with Nancy knew that one of her most prominent characteristics was a dogged determination to ask the most meaningful question possible and get the most thorough answer available. To this end, she continued throughout her career at Vanderbilt to develop an understanding of the neuropharmacological correlates of the behavioral processes of tolerance to psychomotor stimulants to determine if they might provide an explanation of phenomena of interest in depression.

In 1984, Nancy accepted the position of Director of Drug Discovery at G.D. Searle and Company in Skokie, IL. She loved the work, which focussed on discovering drugs to alleviate memory disorders. A change in the company's ownership, management, and objectives, however, led to her

removal in 1987. Her familiarity with research on memory processes made her ideally suited to direct research support efforts of the Alzheimer's Association, and in 1987 she became Vice President of Medical and Scientific Affairs for the organization at its Chicago headquarters. Nancy, however, was ill-suited to watch other people work, whether it was science or something else. Thus, in 1989 she founded NeuroAge, specializing in issues of neuroscience and aging. The company was well on its way to success when cancer cut her career short. The last 2½ years of Nancy's life were spent battling the disease, including undergoing two courses of an experimental bone marrow transplant procedure. At a memorial service held on the Vanderbilt campus in early April, a friend said, "There is no doubt that if sheer determination could overcome disease, Nancy would be here today!"

Nancy's two dozen, or so, psychopharmacology publications represent a solid contribution to our field. Her tenure as newsletter editor and member of the task force on prescription privileges will be remembered by Division 28 members. These accomplishments do not, however, capture the qualities that most endeared Nancy to friends. She combined tough-minded empiricism about most matters with a warmth and generosity of spirit towards others that is found in few people. Losing Nancy at an untimely age is our loss, but we are better off for having known her.

CIGARETTE TAX GAINS SUPPORT

The Congressional proposal to raise the federal tax on tobacco products has become a hot topic on the Science Leaders Network (SLN), a discussion network organized by the APA Science Directorate to solicit opinion and gather advice on science issues. Dr. Ron Wood, past president of Division 28, Psychopharmacology and Substance Abuse, initiated the discussion by distributing a copy of a *New York Times* editorial by former President Carter in favor of the proposal. APA has a natural interest in this public policy proposal because this idea has a strong foundation in the science of human behavior.

Psychological scientists have contributed substantially to the body of research that supports the assertion that a tax increase would protect many of our children from addiction to tobacco. These studies focus on the full spectrum of issues related to tobacco use, including how people decide whether or not to use tobacco products and the role of different factors that enter into that decision (such as cultural factors, minors' access to tobacco products, tobacco industry advertising, and cost); psychopharmacological aspects of nicotine, such as the modes of addiction and the changes it causes in the central nervous system; and ways to prevent people from

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PRESIDENT'S LETTER (cont.)

difficult for the membership to appreciate fully. The Division makes two awards of its own--the Young Psychopharmacologist, supported by Burroughs Wellcome, and the Award for Outstanding Basic Psychopharmacological Research on Affective Disorders, sponsored by Solvay-Duphar. In addition, the Division routinely nominates outstanding senior members for APA awards. Recently, this activity paid off when Joseph Brady (last year) and Bob Schuster (this year) were both selected for the APA Distinguished Scientific Contributions award. Klaus Miczek was nominated for the 1994 Distinguished Scientist Lecture program. In addition, many Division members were nominated during the year for positions on APA committees and boards.

Committee on Animal Research: Hugh Evans has been our long-standing liaison to the APA CARE Committee, of which he is now Chairman. Hugh keeps abreast of activities related to use of animals in research and liaisons with several advocacy organizations that support use of animals in research. Hugh is participating in an NIMH workshop to prepare a brochure on Methods for Behavioral Research and Teaching with Animals and has organized a symposium on these issues that will be presented as part of this year's Convention program. Hugh will be passing the baton to Chris Sannerud of the NIDA Addiction Research Center, who will take over as Chairwoman of the Division 28 Animal Care Committee as of this August.

New committee Initiatives: Ron Wood has been appointed liaison to the Board of Scientific Affairs. The BSA is a powerful committee that formulates science policy for the organization. Ron was the perfect pick for this job due to his insight into science policy and his own legislative advocacy activities over the years, as well as his close association with leaders of the APA Science Directorate. Carolyn Mazure has been networking with the APA Committee on Women in Psychology--an active group with a strong voice in APA. She will be helping them to organize and coordinate a conference to be held this coming fall that will focus on psychosocial and behavioral factors affecting women's health. Ken Perkins has been scanning the science literature to keep the membership updated on important new developments via his "in Bried" newsletter column. Deborah Cory-Sleeta will be taking over chairmanship of the Neurobehavioral Toxicology Committee formerly chaired by Bob Balster. George Bigelow, as Public Affairs Liaison has represented the Division at several congressional functions this year. Finally, Don Overton has been working with the American Psychological Society to produce a series of legislative advocacy documents outlining the future research needs in behavioral and social sciences. Entitled the "Human Capital Initiative", these reports will form the basis for legislative advocacy programs

related to work and productivity, aging, drugs and alcohol use and other specific topics.

President's Initiatives: I have taken on two projects this year in addition to regular duties as president. One is to foster development of continuing education workshops for presentation at the annual convention. Two Division 28 sponsored workshops will be given this year. The first focuses on Benzodiazepines and Treatment of Panic Disorder. Bob Balster is the leader, with Sid Schnoll, Michael Otto and Anne Marie Albino as additional faculty. The second workshop is on Tobacco Dependence and Smoking Cessation. Marlyne Kilbey is the leader, with Jack Henningfield, Dorothy Hatsukami and Robert Shipley as additional faculty. These workshops constitute a good foot in the continuing-education door for this Division. Many thanks to those who volunteered as faculty and will do the real work. A second presidential initiative has been forming a positive liaison with the newly approved Division on Addictions (50). To this end, a very interesting symposium has been developed for presentation on Thursday, Aug. 19, the day prior to the annual convention. The program appears elsewhere in this newsletter. Many thanks to Steve Higgins, Harriet de Wit, and Marilyn Carroll from Division 28, who agreed to speak at this event.

I hope this report provides the membership with a better understanding of the breadth and quantity of on-going activities within the Division. Now, as I fade into the sunset, I look back on a year that was very busy, productive and satisfying. I worked hard and want to express my gratitude to all those who worked hard along with me. I now look forward to working with Lew Seiden as he takes on the responsibilities of President for next year. See you in Toronto.

CIGARETTE TAX (cont.)

engaging in risk-taking behaviors such as tobacco use, as well as effective community interventions for bringing about widespread changes in behavior.

In response to the support from SLN members for increasing the federal tobacco tax, the Science Directorate and Public Policy Office have worked with several members of the SLN to draft a letter advocating the policy to President Clinton; Hillary Rodham Clinton, in her role as Chair of the Health Care Reform Task Force; Department of Health and Human Services Secretary Donna Shalala; and Treasury Secretary Lloyd Bentsen. The APA letter asserts that "As a scientific organization, we believe that good public policy must be grounded in sound science. We share the philosophy expressed by former Environmental Protection Agency

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CIGARETTE TAX (cont.)

Administrator William K. Reilly, on the occasion of the release of the 1992 EPA report on Environmental Tobacco Smoke, that to arrive at responsible public policy, government must 'first do the scientific analysis, and only then build the policy, determine the priority and devise the strategy based on a firm scientific foundation.'

This support should come as no surprise, given the mounting evidence against tobacco. Cigarettes are the only legal product that kills one out of three long-term users and disables many more, when used as intended. Tobacco products kill 435,000 Americans each year--more than alcohol, car accidents, AIDS, suicides, homicides, fires, and other drugs combined, according to the U.S. Centers for Disease Control and Prevention. It is as addictive as cocaine or heroin, according to a 1991 U.S. Department of Health and Human Services report, *Strategies to Control Tobacco Use in the United States: A Blueprint for Public Health Action in the 1990's*, which research psychologists contributed to substantially. Despite these health risks, more than one million teenagers begin smoking each year--approximately 3000/day--a rate that has not declined appreciably over the last decade. It is especially critical to prevent the onset of smoking among adolescents, as 90% of young adult smokers report that they became regular smokers before age 18.

APA has joined forces with the American Cancer Society, American Heart Association, and American Lung Association, united as the Coalition on Smoking OR Health, to contribute scientific knowledge to the public policy debate around these issues. The Coalition estimates that a \$2 increase in the cigarette tax, maintained in real terms, would raise as much as \$25-\$35 billion dollars in the first year and would save nearly two million lives. For more information, or to receive a copy of the APA letter to the President, contact Barbara J. Calkins, Associate Director, Public Policy Office (202) 336-6061; e-mail bjc.apa@email.apa.org.

IAAP CONGRESS: CALL FOR PAPERS

The 23rd International Congress of Applied Psychology will take place in Madrid on July 17-22, 1994. Speakers will include Irwin Altman, Bruce Avolio, David Berliner, Fanny Cheung, Hans Eysenck, Hector Fernandez-Alvarez, Fred Fiedler, Robert Glaser, Henry S.R. Kao, Herbert Kelman, W. Fred Van Raaij, Charles Spielberger, and others. Deadlines for submission are 10/31/93 for symposia and 11/30/93 for papers, posters, and workshops. For further information, contact Martin M. Chemers, Dept. of Psychology, Claremont McKenna College, 850 Columbia Ave., Claremont, CA 91711; e-mail mchemers@cmcvx1.claremont.edu.

WOMEN'S HEALTH: CALL FOR PAPERS

The American Psychological Association will sponsor a National Conference on Psychosocial and Behavioral Factors in Women's Health: Creating an Agenda for the 21st Century, on May 12-13, at the Hyatt Regency in Washington, D.C. The goal of the Conference is to highlight the importance of psychosocial and behavioral factors in women's health research, and the implications for treatment, prevention and health policy. Major foci include 1) Theoretical models/frameworks for conceptualizing women's health; 2) Issues in research methodology, measurement, and evaluation; 3) New research on psychosocial and behavioral factors in women's health; 4) Implications of psychological factors in treatment, health policy, and interventions; and 5) Special issues of underserved populations (e.g. ethnic minorities, the poor, women and disabilities). Content areas of interest include 1) Sociocultural influences on health; 2) Behavioral and psychosocial risk factors (including health behaviors such as smoking, sexual behaviors, alcohol and drug abuse, dietary habits, and sedentary lifestyle); 3) Behavioral and psychosocial factors in health promotion; and 4) Coping, resilience, health, and illness. Deadline for receipt of abstracts (800-1000 words) is 10/18/93. Send to Gwendolyn Puryear Keita, Ph.D., APA, 750 First St., N.E., Washington, DC 20002-4242; (202) 336-6044 FAX (202) 336-6040.

JELLINEK AWARD: NOMINEES SOUGHT

The Board of the Jellinek Memorial Fund wishes to announce that the Selection Committee for the 1994 award will be chaired by Dr. Alan Marlatt. The specific category for the 1994 award is *"Behavioral (experimental or clinical) studies."* Nominations should be forwarded no later than December 31, 1993 to: Dr. G. Alan Marlatt, Professor and Director, Dept. of Psychology Addictive Behaviors Research Center, NI-25, Univ. of Washington, Seattle, WA 98195

APA CONGRESSIONAL AWARDS

APA invites applications for its 1994-95 Congressional Fellowship Program. The program sponsors three psychologists to serve as special legislative assistants on the staff of a Member of Congress or Congressional committee. The APA Fellowship program is intended to encourage more effective use of scientific knowledge in government, and to broaden the perceptions of the research, practice and governmental communities about the value of psychology-government interaction. For further information, get in touch with the APA Congressional Fellowship Program, Public Policy Office, APA, 750 First St., N.E., Washington, DC 20002-4242 (202) 336-6062. Deadline for applications is 11/15/93.

1993 APA PROGRAM SCHEDULE: DIVISION 28

THURSDAY, AUGUST 19

APA PRECONVENTION SATELLITE SYMPOSIUM Relapse in addictive behaviors: Basic research and clinical applications

8:30-4:30am. (WESTIN HARBOR CASTLE, Toronto, Ontario, Pier 2 Room). This pre-convention program will provide an informative update on conceptual issues, basic and applied research in drug abuse and new treatment approaches. An excellent panel of nationally recognized speakers will present. The Symposium is co-sponsored by APA Division 28 (Psychopharmacology and Substance Abuse) and Division 50 (Addictions).

8:30-9:00am. Registration (with coffee and pastries)

9:00-9:15am. Introduction: Miles Cox; Maxine Stitzer

9:15-10:00am. Animal models of acquisition, maintenance and relapse to drug use (Marilyn E. Carroll, Department of Psychiatry, University of Minnesota)

10:00-10:45am. Behavioral theories of choice: Application to alcohol relapse (Rudy E. Vuchinich, Department of Psychology, Auburn University)

10:45-11:30am. Factors influencing drug choice in a human relapse model (Harriet de Wit, Department of Psychiatry, University of Chicago)

11:30am-12:00n. General Discussion

12:00n-1:15pm. Lunch (on-site)

1:15-2:00pm. Cue exposure and alcohol treatment (Peter M. Monti, Department of Psychiatry, Brown University)

2:00-2:45pm. Assessment and Treatment planning for relapse prevention (Helen M. Annis, Clinical Research and Treatment Institute, Addiction Research Foundation)

2:45-3:30pm. Treatment of cocaine dependence with a Community Reinforcement Approach (Stephen T. Higgins, Department of Psychiatry, University of Vermont)

3:30-3:45pm. Discussant: Alan Marlatt, Department of Psychology, University of Washington

3:45-4:30pm. Final discussion

Registration cost is \$45.00. Send registration payment to Dan Kivlahan, Ph.D., VA Medical Center (116ATC), 1660 Columbian Way South, Seattle, WA 98108, Telephone: (206) 764-2457

THURSDAY, AUGUST 19

6:30-11:00pm. (ROYAL YORK, Confederation #50) Executive Committee Meeting

FRIDAY, AUGUST 20

Hospitality Suite at Convention

Division 28 will host a hospitality suite at the Convention on Friday, Saturday and Sunday evenings (August 20, 21 and 22). The suite will be located in the Royal York Hotel, and the room number will be announced during Division 28 events on Friday. Everyone is welcome to come to socialize and continue scientific discussions in an informal setting. For the first time this year, we would like to honor certain participants on each of the evenings: On Friday evening, beginning at 6 p.m., we will offer a special welcome to graduate students who are involved with Division 28 activities. If you are, or know of, a graduate student who will be attending, please contact us (see below). On Saturday evening at 9 p.m. we will honor the New Fellows of Division 28, as well as those members receiving awards at this year's Convention. On Sunday evening, we will welcome participants of the two workshops sponsored by the Division.

We look forward to seeing you in Toronto. Pamela Doty and Suzanne Mitchell, Phone: (312) 701-1534; FAX (312) 702-0857; e-mail shmitch@midway.uchicago.edu

10:00-11:50am. (CONVENTION CENTER, Room 202D) Symposium: Contemporary psychological perspectives on American drug policy. 1. Psychological science speaks to policy: drug availability and competing reinforcers (Warren K. Bickel, Richard J. DeGrandpre & Stephen T. Higgins). 2. Pharmacophobic psychopharmacology (Arthur Leccese). 3. AA, the tooth fairy, and drug policy (Stanton Peele). 4. A Canadian perspective on drug policy (Bruce K. Alexander). Discussant (Ethan A. Nadleman). Chairs: R.J. DeGrandpre and Warren K. Bickel. [Co-listed by Div. 9, 25]

10:00-11:50am. (ROYAL YORK HOTEL, Ballroom) Symposium: A report of the APA ad hoc task force on psychopharmacology. 1. An overview on the task force report (Michael A. Smyer). 2. Changing paradigms of mental illness (M. Marlyne Kilbey). 3. Proposed levels of training in psychopharmacology (Robert L. Balster). 4. Impact on the psychology undergraduate curriculum (Antonio E. Puente). Discussants: Dan Elgi and Dale Johnson. Chair: Michael E. Smyer. [Co-sponsored by Div. 12]

12:00-12:50pm. (CONVENTION CENTER, Room 104D). Invited Address: Solvay-Duphar Award. Aggression and affective disorders: Common and separate mechanisms (Klaus Miczek) Chair: Lewis S. Seiden. [Co-listed by Div. 25]

FRIDAY, AUGUST 20 (cont.)

1:00-1:50pm. (CONVENTION CENTER, Room 103A). **New Fellow's Invited Address:** Preventing AIDS: Drug treatment and needle exchange programs (James L. Sorenson). Chair: Alice Young. [Co-listed by Div. 25, 38, 42]

2:00-3:50pm. (CONVENTION CENTER, Room 103A). **Paper Session: Behavioral pharmacology: Laboratory studies.** 1. Contingent tolerance to midazolam-induced elevation of operant response force (Stephen C. Fowler, Scott E. Bowen, John Stanford & Mary J. Kallman). 2. Validation of the multiple-choice procedure as an efficient approach for assessing drug reinforcement in humans (Roland R. Griffiths & Craig R. Rush). 3. Discriminative stimulus effects of d-amphetamine, caffeine, and mazindol in humans (Stephen J. Heishman, Richard C. Taylor, Melissa L. Goodman, Suzette M. Evans & Jack E. Henningfield). 4. Opioid-antagonist effects of naltrexone and naltrindole (Anthony Liguori & Jack Bergman). 5. Rewarding and aversive properties of IP and SC cocaine: Assessment by taste and conditioning (Linda A. Parker & Lori A. Mayer). 6. Comparing the effects of several μ opiates in normal healthy volunteers (James P. Zacny, J.L. Lichter & Dennis L. Coalson). Chair: Chris Ellyn Johanson. [Co-listed by Div. 25]

2:00-5:00pm. **Science Weekend: Symposium: Contributions to basic research to applied problems: Does behavior change permanently?** 1. Stable fear memories from dynamic neurobiological processes (Michael Fanselow). 2. Extinction is not forever: Sources of relapse after behavioral change (Mark Bouton). 3. The return of fear (Stanley J. Rachman). 4. Clinical vs. statistical significance: Implications for relapse (Neil S. Jacobson). 5. What we know about long-term behavior change in smokers (Timothy Baker). 6. Is it reasonable to expect behavior to change permanently? (Susan Mineka). Discussant: (Susan Mineka). Chair: David H. Barlowe

4:00-4:50pm. (CONVENTION CENTER, Room 206F) **Presidential Address:** Treating drug abuse: The power of positive reinforcement (Maxine Stitzer). Chair: Ron Wood. [Co-listed by Div. 25, 29, 42]

5:00-5:50pm. (CONVENTION CENTER, Room 206F) **Division 28 Business Meeting.** Chair: Maxine Stitzer.

6:00pm-?? (ROYAL YORK, Division 28 Hospitality Suite) Welcome to graduate students involved in Division 28 activities.

SATURDAY, AUGUST 21

9:00-9:50am. (CONVENTION CENTER, Room 104B) **Invited Address:** The genetics of human drug abuse (Roy Pickens). Chair: Roland R. Griffiths. [Co-listed by Div. 25]

10:00-10:50am. (CONVENTION CENTER, Room 201D). **New Fellow's Invited Address:** Novel approaches to nicotine and other drug dependencies (Jed E. Rose). Chair: Chris Ellyn Johanson. [Co-listed by Div. 25, 29]

12:00-12:50am. (CONVENTION CENTER, Room 201D) **New Fellow's Invited Address:** Brain reward mechanisms and the neurobiology of craving (Eliot L. Gardner). Chair: Stephen Fowler. [Co-listed by Div. 25]

1:00-1:50pm. (CONVENTION CENTER, Room 201D). **Invited Address:** Beyond treatment: Abstinence promotion as public policy (Mark Kleiman). Chair: George Bigelow. [Co-listed by Div. 9, 25, 37]

2:00-3:50pm. (CONVENTION CENTER, Room 205C). **Symposium: Drug abuse treatment in special populations.** 1. Shaping of illicit drug use in two health-compromised populations (Ronith Elk). 2. Females seeking treatment for cocaine dependence: assessment and outcome (Alan J. Budner). 3. Treatment of tobacco dependence in post myocardial infarction patients: Treatment seekers vs. treatment refusers (Joy M. Schmitz). 4. Psychosocial issues in treating drug abusers with AIDS (James L. Sorenson). Discussant (John Grabowski). Chair: John Grabowski. [Co-sponsored by Div. 25, co-listed by Div. 9, 12, 29, 33]

3:00-4:50 pm. **Symposium: Animals in research and teaching: Current issues from the Canadian and American perspectives.** 1. A role for Psychology in the care of animals (Larry Byrd). 2. The use of animals in teaching under contemporary regulations (Robert W. Tait). Chair: Hugh L. Evans. [Co-listed by Div. 25]

5:00-6:50pm. (CONVENTION CENTER, Exhibit Hall). **Poster Session: Substance Abuse: Clinical and Experimental Issues I.** 1. Effects of age, strain, and nicotine on rats' acoustic startle (Jane B. Acri, Maren I. Sash, Kelly J. Brown & Neil E. Grunberg). 2. Interactions of stress and nicotine on PPI and acoustic startle (Jane B. Acri, Stephanie M. Nespor, Kelly Brown & Neil E. Grunberg). 3. Prenatal cocaine affects motor activity following acute quinpirole in weanling rats (Alissa B. Gilde, Harry E. Hughes & Diana L. Dow-Edwards). 4. Pavlovian conditioning and tolerance to anorectic effect of naloxone (Tina M. Goodison & Shepard Siegel). 5. Effect of stress on oral fentanyl consumption in female rats (Laura C. Klein, Yavin Shaham, Kevin Alvares & Neil E. Grunberg). 6. Alcohol quantity-frequency self-report measures: Convergent and discriminant validity (Paul E. Greenberg, Mark S. Goldman, Jack Darkes & Bruce C. Rafter). [Other posters submitted to Div. 3, 6, and 25].

9:00pm-?? (ROYAL YORK, Division 28 Hospitality Suite). Reception to honor New Fellows of Division 28 and members receiving awards at this year's Convention.

SUNDAY, AUGUST 22

8:00-9:50am. (CONVENTION CENTER, Room 103A). **Symposium: Developmental perspectives on substance abuse: Childhood to adulthood.** 1. Developmental systems theory and alcoholism: Analyzing patterns of variation in high-risk families (Hiram Fitzgerald). 2. Stressful life events and family factors as predictors of heavy or abusive drinking among adolescents (M. Lynne Cooper). 3. Personality-environment mismatch, alcohol use, behaviors and consequences: A prospective study of adolescents (Marsha E. Bates). 4. Problem behavior theory: Application

SUNDAY, AUGUST 22 (cont.)

to substance abuse in a longitudinal study (Nancy H. DeCourville). 5. Drug use, agency and communality: Causes and consequences among adults (Michael D. Newcomb). Chair: Stanley W. Sadava. [Co-listed by Div. 7, 16, 29, 37, 42]

9:00-10:50am. (CONVENTION CENTER, Room 104D). **Symposium: The impact of discoveries in psychopharmacology on clinical psychology.**

1. Pharmacological interventions for substance abuse: Implications for psychologists (Stephanie S. O'Malley). 2. Psychopharmacology treatment research in depression: Implications for clinical psychology practice (M. Tracie Shea). 3. New medications for schizophrenia: Therapeutic impact and side effects (Nina R. Schooler). Discussant (Charles R. Schuster). Chair: Carolyn M. Mazure. [Co-listed by Div. 12, 25, 29, 33, 42]

11:00-11:50am. (CONVENTION CENTER, Room 103A) **New Fellow's Invited Address: Applying behavioral principles to the treatment of cocaine dependence** (Stephen T. Higgins). Chair: Maxine Stitzer. [Co-listed by Div. 25, 29]

12:00-12:50pm. (CONVENTION CENTER, Room 202D). **Invited Address: Priorities in gender-sensitive research: A view from the Addiction Research Foundation** (Robin Room). Chair: Harriet de Wit. [Co-listed by Div. 25]

1:00-1:50pm. (CONVENTION CENTER, Room 202D). **Invited Address: Young Psychopharmacologist Award.** (S. Steven Negus). Chair: Larry Byrd.

2:00-2:50pm. **Invited Address: Recipient of the Don Ilake Memorial Award** (Joseph V. Brady). Co-Chairs: Anthony J. Cervo & Celia Wolf Gershenson.

5:00-6:50pm. (CONVENTION CENTER, Exhibit Hall) **Poster Session: Substance abuse: Clinical and experimental issues II.** 1. Urge responses to alcohol and affective imagery in alcoholics (Karen O. Brandon & Timothy P. Hayes). 2. Psychophysiological responses to aversive stimuli in alcoholics: relationship to neuropsychological performance (Kenneth R. Bruce, David LeMarquand, Craig M. Easdon, Jocelyne C. Lessard, Jordan B. Peterson & Robert O. Pihl). 3. Social support systems in crack abusers with chemically dependent parents (Barry D. Caudill, Jeffrey A. Hoffman, Patrick M. Flynn & James W. Luckey). 4. A choice procedure to quantify ethanol preference following ethanol preload (Mary Ann D. Chutuspe, Suzanne Mitchell & Harriet de Wit). 5. A telemetric device for measuring smoking topography (Bradley N. Collins, Thomas H. Brandon & Wayne Kashinsky). 6. Information seeking in the regulation of alcohol intake (R. Lorraine Collins, William M. Lapp & Charles V. Izzo). 7. Cardiovascular reactivity and alcohol-induced dampening in risk for alcoholism and hypertension (Patricia J. Conrod, Robert O. Pihl & Blaine Ditto). 8. Do alcohol expectancies predict tension reduction in a stressful situation? (Kevin J. Corcoran). 9. The interaction of cognitive and situational variables in alcohol consumption (Kevin J. Corcoran & Dan J. Segrist). 10. Recovery from alcohol problems with and without treatment in a general population

survey (John A. Cunningham, Linda C. Sobell, Mark B. Sobell & Tony Toneato). 11. Gender and beverage preference effects on alcohol expectancies (Tania M. Davis, Leslie H. Lundahl & Vincent J. Adesso). 12. Two- vs. four-milligram nicotine chewing gum: Report from Boston randomized trial (Kevin J. Doherty, Tara Kinnunen, Martha R. Carson & Arthur J. Garvey). 13. The relationship between alcohol and nicotine expectancies and substance dependence (Karen K. Downey & Marlyne Kilbey). 14. Alcohol effects on parenting behavior: Sequential analyses of parent-child interactions (John M. Eddy, Kristi D. Meisinger, William L. Pelham & Al R. Lang). 15. Relationship between drug preference and clinical syndromes and diagnoses (Patrick M. Flynn, Barry S. Brown, Jeffrey A. Hoffman, James W. Luckey, Gail Craddock, Robert L. Hubbard, Richard Needle, Sid J. Schneider, Joseph J. Koma III, Samuel Karson, Mohammed Vehid & Gary L. Palgrave). 16. The relationship of temperament to alcohol expectancies and drinking patterns (Luke W. Galen, Melinda J. Henderson, Carol J. Schwartz & R. Douglas Whitman). 17. Severity of drug involvement among alcoholic women: Relationship to other psychopathology and adaptation (Fernando Gonzalez, Robert A. Zucker & Hiram E. Fitzgerald). 18. Alcohol expectancies as mediators of other biopsychosocial risk (Paul E. Greenbaum, Jack Dackes, Bruce C. Rather & Mark S. Goldman). 19. Global alcohol expectancies and self-perceived interpersonal behaviors attributed to drinking (Kerry P. Heffner). 20. Sequential analyses of addicted mother-child versus adult-child dyads (Michelle C. Heller, Martin A. Sobel & Junko Tanaka-Matsumi). 21. Comparative cocaine abuse treatments: Client retention and treatment procedure (Jeffrey A. Hoffman, Barry D. Caudill, Joseph J. Koman, James W. Luckey & Patrick M. Flynn). 22. Children's substance abuse prevention: Role of rehearsal plus (Russell T. Jones, Saladin K.T. Coe, Laura A. Shesby, & Steven E. Bruce). 23. Administration of morphine before surgery may lead to acute tolerance after surgery (Joel Katz, Brian P. Kavanaugh, Hilary Nierenberg, Sanders Roger, John F. Boylan, & Alan N. Sandler). 24. Children of alcoholics: Comparisons with NCOAs and predictors of self worth (Amy L. Lee & Vanessa K. Jensen). 25. Social variability, alcohol consumption and the inherited predisposition to alcohol (David G. LeMarquand, Robert M. Roth, Jordan Peterson, & Robert O. Pihl). 26. A comparative study of cocaine treatment completers and dropouts (Robert C. McMahon, Kamiar Kouzekanani, & Andrew Kelly). 27. Personality and coping in the prediction of cocaine treatment dropout (Robert C. McMahon, Kamiar Kouzekanani, & Andrew Kelly). 28. Caffeine effects on positive, negative, and neutral induced moods (Robert F. Mirabella & Thomas W. Lombardo). 29. Alcohol expectancies in parents of children with externalizing disorders (Brooke S.G. Molina, William E. Pelham & Alan R. Lang). 30. Tobacco abstinence, smoking cues, and the reinforcing value of smoking (Kenneth A. Perkins, Leonard H. Epstein, James E. Grobe, Carolyn Ponte, & Amy Dimarco). 31. Over-the-counter sleep aids: Widely used but rarely studied (Janine L. Pillitteri, Denise C. Person, Lynn T. Kozlowski & Tom D. Borkovec). 32. A qualitative assessment of nicotine abstinence self-efficacy (Nancy A. Piotrowski & Carlo C. DiClemente). 33. Parental abuse as a mediator of codependence among alcoholic offspring (Patricia V. Roehling, John DeYoung, Mary Bosker, & L. James Schut). 34. Coping skills in women with alcoholic partners: Scale elevation (Robert G. Rychtarik & Neil B. McGillicuddy). 35. Problem drinking and social relationships during the third decade of life (Stanley W. Sadava & A.W. Pak). 36. Expectancies for the effects of cocaine (John Schafer & William Fals-St-

SUNDAY, AUGUST 22 (cont.)

37. Validation of the CAGE with alcohol and illicit drug use (Joseph E. Schumacher, Georganne Hoegerman, Cora E. Lewis, Jennifer L. Caveny, & David R. Jacobs). 38. Factor analytic examination and revision of the alcohol expectancies questionnaire (Patricia C. Stanik & John C. Cavanaugh). 39. Reasons for licit drug use: Relationship to anxiety levels (Sherry H. Stewart, Linda Carron, & Robert O. Pihl). 40. Environmental contexts surrounding recovery by treated and untreated problem drinkers (Jalie A. Tucker, Rudy E. Vachinich, & Michele M. Pukish). Chair: Harvey Skinner. [Co-sponsored by Div. 12 and Co-listed by Div. 25]

Evening (time TBA) (ROYAL YORK, Division 28 Hospitality Suite). Welcome to participants of the two workshops sponsored by the Division

MONDAY, AUGUST 23

8:00-8:50am. (CONVENTION CENTER, Room 206B). Paper Session: Human behavioral pharmacology: Clinical issues I. 1. Sexual dysfunction and condom use among methadone patients (Barbara Chabon). 2. Medication noncompliance among state hospitalized psychiatric inpatients (Linda S. Grossman, Thomas W. Haywood, Christopher G. Fichtner, John M. Davis, James L. Cavanaugh, & Dan A. Lewis). 3. Treatment efficacy of medroxyprogesterone for paraphiliacs (Howard M. Kravitz, Thomas W. Haywood, Jonathan Kelly, Carl Wahlstrom, Susanne Liles & James L.

Cavanaugh). 4. Long-term recognition of unrelated words with amphetamine (Eric L.L. Soerens, Ruth R.D. Cockaerts, & Johan E. Heuting). Chair: Linda Grossman.

9:00-10:50am. (CONVENTION CENTER, Room 206B). Paper Session: Human Behavioral Pharmacology: Clinical Issues II. 1. AIDS risk reduction for drug injectors through outreach interventions (L. Mabel Camacho, Dwayne Simpson, Kenneth N. Vogtberger, Mark L. Williams, Richard C. Stephens, Adelbert Johns, & Deena Watson). 2. Cocaine expectancies and self-efficacy as predictors of aftercare compliance (Julie A. Harmon). 3. Characteristics of female bulimics and the effectiveness of desipramine treatment (Andrew R. Getzfeld, Teresa Hutchens, & R. Steven McCallum). 4. Expectancy effects of analgesic effectiveness for experimental and clinical pain (Manon Houle, S. Kogon, G. Moran, & P.A. McGrath). 5. Self-administration of hypnotics: Dose-escalation (Timothy Roehrs & Thomas Roth). 6. Awareness and compensation of visuospatial deficits by adult children of alcoholics (Steven Schandler, Michael Cohen, Connie Thomas-Bigney & Stephanie Klucas). Chair: Timothy Roehrs.

TUESDAY, AUGUST 24

1:00-2:50pm. (CONVENTION CENTER, Room 205B) Discussion: The substance abuse and mental health services administration: An introduction. Chair: Jane A. Taylor. (Herman Diesenhaus, Gale Held, & Roger Straw). [Co-sponsored by Div. 12, 28]

DIVISION SERVICES BOOTH

During the convention, the Division Services Office will staff a division booth in the Metro Convention Centre. Materials available will include membership information and applications, copies of division newsletters, information about special division events to be held during the convention, and hospitality suite programs. The booth will be open Thursday, August 19, 3:00-6:00pm, and Friday, August 20 through Monday, August 23 from 8:00am-5:00pm.

AUDIOTAPES AVAILABLE

Because not everyone is able to attend the convention, and because there are hundreds of presentations to choose from, APA tapes many of the sessions that take place during the convention, including the Master Lectures, G. Stanley Hall Lectures, a number of the Invited Addresses, APA Awards Addresses, Mini Conventions, and Science Weekend. You can receive a listing of all sessions available on tape by calling 1-800-374-2721 (DC metro area dial 1-202-336-5991) and asking that a listing be mailed to you.

1993 MAPLE LEAF 5K RUN

The Maple Leaf 5K Run will be held at Ward's Island on Monday, August 23 at 7:30am. This year's APA Rat Race celebrates 180 years of Canadian-American friendship and cooperation. The race will be administered by the Toronto Olympic Sports Club. Ward's Island is a picturesque, untrafficked spot located in the lake directly behind the Westin Harbour Castle Hotel. A ferry connects the island and the mainland. Cost for the ferry is \$2.75 round trip (senior citizens, \$1.50; undergraduate students and children, \$1.00). The first ferry is at 6:35am and the next at 7:00am; the trip takes 10 minutes. Ferries return to the mainland at 1/2-hour or 45-minute intervals beginning at 6:45am.

Entry fee is \$12 and includes a post-run breakfast, as well as a chance to win an age division trophy. For pre-registration and information, get in touch with Don Johnson, Special Services, Iowa Lakes Community College, Estherville, IA 51334. Only pre-registrants are guaranteed a colored Maple Leaf sportshirt. On-site convention registration will take place August 20-22 at the APA Division Services Booth in the Metro Convention Centre.

OPEN POSITIONS

Faculty Position: Anticipated (contingent on funding) 1-year fixed-term appointment beginning 9/93, to replace faculty member on 1-year sabbatical. Primary teaching duty will be multiple sections of Behavioral Experiments, an experientially-oriented course requiring students to run and report single-subject experiments in human and animal behavior. Candidate would also be expected to teach the Conditioning course, an advanced Behavior Analysis course with a laboratory component. Teaching duties might also include Introductory Psychology and Experimental Psychology; ability to teach Personality Theories and laboratory courses with rats as subjects also desirable. Candidate will provide high-quality teaching on the undergraduate level and should also have research program that could involve students and possible collaboration with colleagues. Ph.D. or ABD in Psychology, with strong background in experimental psychology and/or behavior analysis preferred. Send letter of application, CV, transcripts, and papers/reprints, and arrange for 3 letters of recommendation to be sent, to Paul Brandon, Chairperson, Search Committee, Dept. of Psychology, MSU-Box 35, Mankato State University, P.O. Box 8400, Mankato, MN 56002-8400. Phone (507) 389-2724. Committee will begin reviewing applications immediately and continue until position is filled. Mankato State University is an AA/EO institution with a commitment to diversity and is actively seeking to nurture and enrich its cultural, racial, and ethnic communities. It is expected that those who join our University share this commitment.

Clinical Research Psychologist: Faculty position working with prestigious group of clinical researchers in drug abuse treatment research setting. Available immediately. Duties include supervision of counseling staff in a methadone maintenance clinic, development of innovative behavior therapies for drug abuse patients, design and implementation of clinical research to test new behavioral treatments, data analysis, interpretation, and publication of results. Excellent support resources. Salary commensurate with experience. Send CV, letter of interest to George E. Bigelow, Ph.D., or Maxine L. Stützer, Ph.D. Behavioral Pharmacology Research Unit, Johns Hopkins/Key Medical Center, 5510 Nathan Shock Dr., Baltimore, MD 21224. Phone (410) 550-0042.

Postdoctoral Human Research Positions in Behavioral Pharmacology: Positions available in stimulating and productive environment with excellent clinical and research resources. Develop, implement, and publish human laboratory research related to the behavioral, subjective, and physiological effects of psychoactive drugs. Special interest areas include: opioids, benzodiazepine anxiolytics/hypnotics, caffeine, nicotine dependence, drug discrimination, smoking cessation, drug abuse treatment. Experimental background and research experience required. Minorities encouraged. USPHS stipend levels based on experience. Send CV, letter of interest, and names/phones of 3 references to George E. Bigelow, Ph.D., Roland R. Griffiths, Ph.D., or Maxine L. Stützer, Ph.D.; BPRU, Behavioral Biology Research Center; 5510 Nathan Shock Drive, Johns Hopkins/Key Medical Center, Baltimore, MD 21224. Phone (410) 550-0035.

Postdoctoral Position: Available July, 1993, to work in a nonhuman primate research laboratory. Ongoing projects involve a) examining the

effects of stimulants and opiates in sensory and motor function of nonhuman primates through the use of a combination of behavioral pharmacology and animal psychophysics techniques, and b) experimentally assessing the ability of environmental enhancement procedures to promote psychological well-being in nonhuman primates. Experience in one or more of the following areas is desirable: behavioral pharmacology, psychophysics of hearing and/or vision, pharmacology, animal learning, experimental psychology. Send detailed CV, statement of research interests, and names of 3 references to Dr. Robert D. Hienz, Behavioral Biology Research Center, Johns Hopkins University School of Medicine, Hopkins Bayview Research Campus, 5510 Nathan Shock Dr./Suite 3000, Baltimore, MD 21224-6823.

Laboratory Assistant Position in Behavioral Pharmacology: Will participate in research programs directed toward the discovery of novel medications for the treatment of anxiety, depression, schizophrenia, and Alzheimer's disease. Primary responsibility is to conduct experiments examining the effects of drugs on schedule-controlled behavior in laboratory animals. Familiarity with operant techniques, as well as relevant surgical and computer skills, are especially desirable. Should hold Bachelor's or Master's degree in psychology or related discipline, but laboratory experience may substitute for specific course work. Located in attractive southeastern Connecticut, where the sun always shines and the people smile because they are so happy. Send inquiries with CV/resume and names and addresses of 2 references to Dr. Robert S. Mansbach, Department of Neurosciences, Pfizer Central Research, Eastern Point Rd., Groton, CT 06340. Phone (203) 441-6452; FAX (203) 441-4111; e-mail mansbachr@pfizer.com or rmansbach@ruby.vcu.edu.

Human Behavioral Pharmacologist: Tenure-track position at the Asst. or Assoc. Prof. level, depending upon qualifications. Ph.D. in Psychology, Pharmacology, or Neuroscience and/or M.D. with expertise in behavioral pharmacology using human subjects required. Will be expected to develop externally-funded research program in human behavioral pharmacology and establish collaborative relations with departmental colleagues. Salary commensurate with rank; start-up funds and space available. Send CV, statement of current and future research goals, and names of 3 references to William L. Woolverton, Ph.D., Chair, Search Committee, Dept. of Psychiatry and Human Behavior, University of Mississippi Medical Center, 2500 N. State Street, Jackson, MS 39216 by 8/31/93. EOE; M/F/D/V.

Faculty Position: Tenure-track position available for a health psychologist, medical anthropologist, medical sociologist, epidemiologist, or other biobehaviorally-oriented behavioral scientist. Completed doctorate required, with postdoctoral experience desirable. Equal emphasis is placed on qualifications for research and teaching. The Department of Behavioral Science is a basic science department of the College of Medicine and has a multidisciplinary faculty of 12. Teaching involves medical and other health professional students, and pre- and postdoctoral programs in the behavioral sciences. Research and training emphasis is on biobehavioral factors in the causes, course, distribution, and treatment of diseases; special foci of interest include, but are not limited to, substance abuse, aging, cancer, cardiovascular diseases, and neuroscience. Send application letter, CV, and 3 letters of reference to Thomas F. Garrity, Ph.D., Dept. of Behavioral Science, College of Medicine, Univ. of KY, Lexington, KY 40536-0086. EOE/AA.

EDITOR'S FAREWELL

Cynthia S. Pomerleau
Editor, Division 28 Newsletter

Over the past five years, it has been my pleasure and privilege to serve as your newsletter editor. During that time, five Division presidents--each with his/her own unique style--have come and gone. The name of the Division has changed to embrace Substance Abuse as well as Psychopharmacology. Desktop publishing has come into its own. FAX machines have become standard office equipment. A new administration has been installed in Washington, research priorities have changed, and belts have tightened. My hair has gotten grayer--though how much grayer is known only to my hairdresser.

Although the roster of officers lists only my name as editor, putting out the newsletter has never been a solo effort, and my task has been rendered easier by many along the way. The American Psychological Association offers numerous services that keep newsletter editors informed and up-to-date on opportunities, events, and issues of importance to Division members. The University of Michigan, the Department of Psychiatry, and the Behavioral Medicine Program have provided a remarkably supportive environment for the kind of professional involvement that such an assignment represents. A succession of three secretaries--Ellen Meisenbach, Char Olson, and now Linda Lipscomb--has carried out many of the activities involved in soliciting and keystroking material, coordinating with the printer and mailroom, ordering labels, maintaining files, and a variety of other tasks that I can't describe very well because I never had to do them myself. My research assistants and postdocs have cheerfully proofread every line of every page and will probably miss the quarterly "labeling parties" that attended the completion of each issue. I also need to extend my thanks to you, the many Division members who have contributed routine material, taken time away from writing grants and peer-reviewed papers to produce pieces for the newsletter after only a little cajoling, and (grrrr) graciously pointed out errors.

I ask that you give the same support and encouragement to my successor. I'm sure s/he will be reassessing the content, format, and overall "editorial policy" of the newsletter, just as I did when I took over the job from Nancy Leith; the President's Letter and the redesigned two-color masthead, for example, were among the innovations I introduced early on. So if you have ideas and suggestions about how the newsletter might be improved so that it better meets your needs, now is an ideal time to register them. Would you like your newsletter to be slicker? Longer? Shorter?

Are there features you'd like to see introduced or eliminated? Speak up!

I leave this post with great ambivalence. I'll miss the camaraderie that came with being on the Executive Council. I'll miss the satisfaction and pride I felt as the mail carrier picked up--finally!--the large red, black, and white bundles for distribution to the membership. I'll miss the gratitude of readers telling me that this or that announcement made a difference in their lives or careers. Maybe I'll even miss the times when I found myself confronted with 10 pages of material to squeeze into 8 pages or expand into 12. But five years is a long time. It's time for me to move on, and for someone with a fresh approach and new ideas to take over. I look forward to great things from the newsletter and from the Division.

TRAVELING PSYCHOLOGY EXHIBITION

"Psychology: Understanding Ourselves, Understanding Each Other," a traveling exhibition developed and produced by the APA and the Ontario Science Centre, was selected from among 46 entries to receive an honorable mention for "Innovative Translation of a Subject into an Exhibition Format" in the Curator's Committee Exhibit Competition, sponsored by the American Association of Museums.

The exhibition is currently at the Carnegie Science Center in Pittsburgh, where it will be on display through August 29, 1993. Visitors to Pittsburgh during this time will be able to enjoy a special exhibit added by the Carnegie Science Center entitled "Psychology in Pittsburgh," featuring the contributions of Pittsburgh area psychologists and focusing on cognitive science, health psychology, and learning research.

After the exhibit closes in Pittsburgh, it will move on to San Francisco, where it will appear in the Exploratorium from October through December, 1993. For further information or updated itinerary, please call the Association of Science-Technology Centers at (202) 783-7200.

RESEARCH FUNDING INFORMATION

If you have a BITNET or Internet address, a computer, and a modem, you can subscribe to the Research Funding Bulletin, a free electronic mail program featuring information about research and training funding opportunities from federal and private sources. For further information, get in touch with Deborah Segal via telephone (202-336-6000), FAX (202-336-5953), or e-mail (Science@APA.ORG).

**MEMBERSHIP APPLICATION FOR
PSYCHOPHARMACOLOGY AND SUBSTANCE ABUSE
DIVISION (28)
OF THE AMERICAN PSYCHOLOGICAL ASSOCIATION**

1. Please check the blank beside the category that defines your current membership status in the American Psychological Association. Please see attached for information about becoming a member of APA.

Associate Member Fellow Student Affiliate

Nonmember

_____ APA member number (applicable to first 4 categories)

If you are not affiliated with APA and would like to receive the DIV 28 newsletter check the blank labeled "nonmember."

2. Please provide your signature on the next blank line:

Signature

3. Print your name, mailing address and phone numbers:

Phone: _____ Fax: _____

E-Mail: _____

4. After completion please return this form to:

Warren K. Bickel, Ph.D.
Department of Psychiatry
University of Vermont
38 Fletcher Place - Ira Allen School
Burlington, VT 05401-1419
802-660-3060

Thank you for your interest in APA Division 28: Psychopharmacology and Substance Abuse.

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