

PSYCHOPHARMACOLOGY

And Substance Abuse Newsletter



Division 28 - American Psychological Association

Winter 1994

Volume 26, No. 4

From the President's Desk ...

Lewis Seiden
President, Division 28

The American Psychological Association has drafted a revision of the bylaws to be discussed amongst the Divisions, particularly the Executive bodies representing them, to determine the types of votes that will be passed along by Council representatives. The bylaws, as currently written, have left Divisions with a fair degree of autonomy but the revised bylaws provide less autonomy for many Divisions and also for possible sanctions should a particular Division be accused of violating *APA* rules, regulations and/or codes. Other changes in the bylaws provide the Divisions with greater freedom in selecting their membership insofar as membership can be selected from individuals who are not members of *APA* but wish only to align themselves with a particular Division. In that case, their dues become less, but on the other hand, their privileges on voting on issues within the general *APA* framework, and their opportunities to become Fellows, and Division officers, are eliminated. While this would enhance the income of Division 28 as we recruit interested members, it will also increase attendance at meetings.

The efforts to make Divisions less autonomous according to the cover sheet of the draft revisions, seem to be driven by the Practice Directorate along with the *Board of Legal Affairs*. This appears to be an effort to limit the legal liabilities that the parent organization could incur because of the actions of a particular Division. It may be interesting to determine if there are other large organizations that have been held liable for the actions of a smaller collective body of the parent organization. If such is the case, it would have been useful for the people spearheading the changes in bylaws, to provide an example of why these changes are desirable. While this may be true for a group of people who are practicing under the auspices of *APA* Diplomate

status, the possibility of legal suits against *APA* remains; however, a situation which legal liability is encountered by the parent organization for a scientific body is unlikely. The problem incurred by the bylaw changes is that it can stand in a major way against possible disagreements within the *APA* as a whole.

The incident last year indicates a point where the Practice Directorate put forward an opinion on the use of antidepressant drugs that turned out to be in conflict with other organizations dealing with antidepressant drugs and indeed Division 28 had views that were quite different from that of the official position of *APA*. There is debate as to whether or not we should challenge the *APA* position on this matter but if the draft bylaws, as revised in their present form, are voted in, the ability of a Division to contest a specific point of view held by the *APA*,

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Letters ...

Dear Editor:

I would like to respond briefly to some comments by your President, Lew Seiden, that appeared in the fall issue of the Division 28 Newsletter. He reported difficulty in getting a set of regulations from the Science Directorate, and general dissatisfaction with our responsiveness to inquiries from scientific Division leadership. Most importantly, he noted that Division 28 was not consulted as it should have been prior to *APA's* response, via the Practice Directorate, to the depression guidelines.

Let me start with his last point, a very valid one. What this failure reflected was a glitch in the way things like this were handled here in the Central Office. Many such items come in for review and comment – often with very short deadlines – on a regular basis. They usually come into the Executive Office from which they are referred to the seemingly most appropriate Directorate for action. Unless that Directorate saw fit to bring it to their attention, the other Directorates would never even know that the item had been received, let alone acted on. The sheer volume of such material makes such division of labor essential, although it does increase the risk of items being overlooked by an affected group. I am happy to say that this particular oversight had at least one positive result. Because of it, we have changed the whole assignment process. Now, when an item is referred, we are all notified regarding its essential nature and to whom it has been handed off. If we think we have a constituency with a particular interest in it, we can track it down and get involved. I think this will help avoid such problems in the future – probably won't eliminate them, but it should help.

On the more generic complaint, I can only say that we are doing our level best to be responsive to the Divisions – along with governance groups, *APA* Presidents, members, the public, universities, students, the press, the federal agencies, the Congress,

other science organizations, and other Central Office groups. We try particularly hard with Divisions because we realize that our success is intimately tied up with theirs, and we are most attentive of all Divisions such as 28 that are active and alive. We want to encourage and promote that enthusiasm, and help it spread to other science Divisions.

I could cite a number of specific cases in which my staff members have gone out of their way to respond quickly and effectively to some request, but I don't want to argue the point. You are the customers; we are here to serve. Lew has encountered problems, and I take him at his word, he has every right to make it known – preferably to me directly when it happens, but the Newsletter is okay too. There was a period when we were short-handed, and perhaps that had something to do with whatever we were unresponsive to. But that is no longer the case, so if there are still problems, I would really appreciate knowing it so we can fix them. And we will fix any that we find, within the limits of our resources.

Bill Howell
Executive Director for Science, *APA*

President's Letter (cont'd)

will be dramatically reduced. The notion that the *APA* will sing with a single voice is somewhat antithetical to scientific and scholarly inquiry. Since *APA* considers itself an organization which is unique among professional organizations because it is scientifically driven, it seems incongruent for the *APA* to pass bylaws that would effectively silence disagreement under any rubric or subject. The spirit of scientific inquiry and scholarly work more often than not engenders disagreement and controversy and indeed represent the types of intellectual challenges to which many psy-



EDITORIAL POLICY

Psychopharmacology and Substance Abuse Newsletter is a quarterly publication of *Division 28 of the American Psychological Association*. It is devoted to keeping its members informed about the activities of *Division 28* and to the news and comments concerning all aspects of *Psychopharmacology and Substance Abuse*.

Comments, brief articles (1,000-2,000 words), and letters are welcome and will be considered for publication as space allows. Articles, comments, announcements, and advertisements should be sent to:

James P. Zacny, Ph.D.
Dept. of Anesthesia and Critical Care
University of Chicago
MC 4028
5841 S. Maryland Ave.
Chicago, IL 60637

Submissions should be submitted in both hard copy (letter quality) and diskette. FAX submissions are discouraged.

Deadlines are March 15 (Spring), June 15 (Summer), September 15 (Fall), and December 15 (Winter).

chologists are drawn into this area. Psychology, because of the nature and complexity of its subject matter, has always engendered disagreement amongst its members. One has only to think of the complex debates that have taken place over the years and are taking place today, between the schools of behaviorism and cognition. These debates have taken place in forums open to the public and have stimulated new ideas and new research. Therefore it is all to the good from a scientific and scholarship point of view, to continue to have these debates aired publicly. It is my understanding that if the modified bylaws are accepted, this type of activity will be sharply reduced.

Animal Care News

Christine A. Sannerud
Chair, Committee on Animal Research

NIMH Sponsors Workshop on Behavioral Methods

On September 19 and 20, 1993, the *National Institute of Mental Health (NIMH)* sponsored a "Workshop on Behavioral Methods and Animal Care" in Washington, D.C. This workshop represented the culmination of several years' work by APA and Division 28's *Committee on Animal Research* to encourage the development of materials to assist *Institutional Animal Care and Use Committees (IACUCs)* in the evaluation of behavioral protocols. Public Health Service Animal Welfare Policy requires that *IACUCs* have no fewer than five members representing diverse areas. However, when protocols involve procedures that are outside the expertise of the committee members, additional sources of information are needed.

Members of the working group prepared and distributed papers in advance of the workshop on commonly used methods of using food or water control, sleep deprivation, acute or chronic drug administration, restraint, electric shock, social stressors, or models of pain in behavioral research. Issues in conducting psychological studies and in using animals in education also were discussed.

Discussion of these papers and other issues among workshop participants are being used as the starting point for a handbook that will serve as a resource for *IACUCs* as they evaluate research proposals and for investigators as they plan experiments.

The workshop was chaired by Adrian Morrison, Director of the *Program for Animal Research Issues at NIMH* and Richard Nakamura, Chief of the *Cognitive and Behavioral Neuroscience Branch of NIMH*. Workshop participants included researchers representing a wide range of research approaches, veterinarians, and representatives from various offices of *NIH, NIMH, and USDA*. Participants included Division 28 members Hugh Evans, Nancy Ator, Larry Byrd, Dave Ackerman and James E. Smith. Linda Dykstra and Bill Woolverton also submitted papers.

Public Meeting on Revision of the Guide for the Care and Use of Laboratory Animals

The *Institute of Laboratory Animal Resources (ILAR)*, a component of the *National Research Council, National Academy of Sciences* announced that the *National Institutes of Health* and other federal sponsors have asked that a committee be appointed to revise the *Guide for the Care and Use of Laboratory Animals*. The Committee will be sponsoring a series of public meetings to allow those who wish to make recommendations regarding the content of the seventh edition of the *Guide* to address the revising committee. Meetings were held on December 1, 1993 in Washington, D.C., and are scheduled for February 2, 1994 in San Francisco, CA and February 3, 1994 in St. Louis, MO. The Committee plans to complete its work within a year, after which the report will be peer reviewed by a committee appointed by the Chairman of the *National Research Council*, and published by the *National Academy Press*. Persons interested in addressing the committee and those wanting more information should contact:

Thomas L. Wolfle, DVN, PhD
ILAR, NAS 347
2101 Constitution Avenue, NW
Washington, D.C. 20418
(202) 234-2590
internet: twolfle@nas.edu

New Appointments to APA's Care Committee

Dr. Nancy Ator was recently chosen to serve a three-year term on the *APA's Board of Scientific Affairs Committee on Animals in Research And Ethics* (the *CARE* committee) beginning in 1994. The six member committee will be chaired by Dr. Christopher Cunningham in 1994. Dr. Hugh Evans recently completed his term as chair of the committee.

Legislative News

The *US Department of Justice* has decided to pursue a full appeal of Judge Charles Richey's February 1993 decision in the case *Animal Legal Defense Fund et al. v. the USDA Secretary, DHHS Secretary and OMB Director*. Judge Richey's original decision struck down exist-

ing *USDA* animal welfare regulations applicable to laboratory dogs and nonhuman primates. The *National Association for Biomedical Research* will be joining the *Department of Justice* appeal.

The *Association of American Medical Colleges* will be filing an amicus brief in the case. *APA* legal council is reviewing the information on the case to determine if *APA* will sign on as co-amici. The *Science Directorate* has also allocated \$500.00 each to *AAMC* and *NABR* to help defray legal costs incurred by these groups in their efforts to intervene in the case.

Another way in which *APA's* membership can assist with the brief is by providing information to *AAMC* such as:

- Purpose, importance and size of the research programs affected by this decision.
- Humane and scientific reasons why the blend of minimum requirements and performance standards provided by the current animal welfare regulations are appropriate. (Key points from previously submitted comments that were part of the administrative record on which *USDA* based its final regulatory decisions will be submitted; new information available since 1991 is also needed.)
- Consequences of reverting to the type standards supported by the plaintiffs and the Richey decision.
- Long-standing standards of professional ethics governing animal research upon which earliest government regulations were based.
- Involvement in discovery of scientific information that validates animal care standards and improves animal welfare.

Send any relevant information that would be helpful to *AAMC* to:

Stacey C. Cunningham
Research Ethics Officer
Science Directorate, *APA*
750 First Street, NE
Washington, DC 20002
(202) 336-6000
(202) 336-5953 (fax)

E-Mail: stc.apa@email.apa.org

Congratulations!

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BOB BALSTER
ON HIS ELECTION
TO THE
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AFFAIRS**

PUBLICATIONS

Foundation for Biomedical Research Educational Research Directory

The *Foundation for Biomedical Research* has compiled a 280 page volume that lists a wide variety of resources produced to educate the public on the use of animals in biomedical research. A limited number of copies are available from the Foundation at a cost of \$30.00 each. Contact:

Foundation for Biomedical Research
818 Connecticut Ave., NW
Suite 303
Washington, DC 20006

Sourcebook for the Use of Animals in Physiological Research and Testing

This 16 page book published by the *American Physiological Society* covers a variety of areas in animal research including preparation by investigators and institutions, handling media inquiries, and a resource directory. Contact:

APS
9650 Rockville Pike
Bethesda, MD 20814
(301) 530-7164

1993 Corporate Sponsorship

The *Psychopharmacology and Substance Abuse Division* of the *American Psychological Association* would like to express its great appreciation to the many corporate sponsors that help us to fund our scientific and academic activities. This support has helped the Division to facilitate research and effectively disseminate information. Specific activities that are supported by this funding include the following: to organize interesting and effective programs on drugs and behavior at the Annual Convention of the American Psychological Association, to invite outstanding leaders in the field both from industry and academia to address those attending

●	Marion Merrell Dow, Inc.
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the convention, to publish and distribute the quarterly publication *Psychopharmacology and Substance Abuse Newsletter* to our 1,000+ members, Fellows, Corporate Affiliates, and officers in the 90,000 member American Psychological Association, to influence national policy on the usefulness of animal testing in the evaluation of the activity of drugs and compounds, to promote the already close interdependence between academic and industrial psychopharmacology, and to support, in general, those programs and activities both within and outside the APA that relate to the growth and productivity of psychopharmacology.

International Behavioral Neuroscience Society

Third Annual Meeting
of the
International Neuroscience Society

May 19 - 22, 1994
Clearwater Beach, Florida

For meeting information, call for abstracts or membership application, contact:



Dr. Linda Spear, IBNS Secretary
Department of Psychology and
Center for Developmental Psychobiology
Binghamton University
SUNY
Binghamton, NY 13902-6000
(607) 777-4172
(607) 777-6418 (FAX)

Division 28 Directory

Last year, the Spring 1993 issue included a Division 28 Directory of telephone and FAX numbers, as well as E-mail addresses. Throughout the year, we have received a positive response and many updates to this information. Therefore, we are now planning to include an updated version of this Directory in the Spring, 1994 issue.

Please submit any recent changes or corrections to:

Warren K. Bickel, Ph.D.
Division 28 Membership Chair
Human Behavioral Pharmacology Lab.
Dept. of Psychiatry
University of Vermont
38 Fletcher Place
Burlington, VT 05401-1198
e-mail address:
warren.bickel@UVM.EDU

SQAB

Society for the Quantitative
Analyses of Behavior

17th Annual Meeting: Atlanta Georgia
May 26-27, 1994

The Society for the Quantitative Analyses of Behavior (SQAB) is now holding its annual meeting in conjunction with the Association for Behavior Analysis (ABA) rather than at Harvard. This year's meeting will be held at the Atlanta Hilton beginning May 26th, the day before ABA. Presentations will be given by K. Cheng, M. Davison, E. Fantino, G. Fetterman, R. Grace, R. Kessel, P. Killeen, A. Logue, J. Mazur, J. Nevin, H. Rachlin, J. Richards, W. Roberts, R. Shull, C. Shimp, J. Staddon, and J. Wixted. Topics will include analyses and models of: choice, discrimination, timing, steady-state, and transitional behavior.

For membership, registration or information contact:

Bill Palya, Program Chair
Department of Psychology
Jacksonville State University
Jacksonville, AL 36265
205-782-5641
205-782-5680 (fax)
palya@sebac.jsu.edu (e-mail)

CALL FOR FELLOWSHIP NOMINATIONS

The Executive Committee seeks nominations for Fellow status in Division 28. Any member who has made outstanding contributions to psychopharmacology or substance abuse is eligible.

If you wish to be considered yourself or nominate someone else for this APA honor, send your/his/her CV to:

Warren K. Bickel, Ph.D.
Division 28 Membership Chair
Human Behavioral Pharmacology
Laboratory, Dept. of Psychiatry,
University of Vermont
38 Fletcher Place
Burlington, VT 05401-1198
(802) 660-3060

Discussing Research Results With the News Media

Kenneth A. Perkins
Division 28 Public Information Chair

Progress in all science fields over the past few decades has produced an increase in the public's appetite for reports on this progress, leading to increased attention to this research paid by news media. This is no less true for research on the relationship between drugs and behavior. In order to ensure accurate dissemination of research results to the public through the mass media, it is important for psychologists in any field to know why and how to effectively discuss their research with reporters.

Given complaints from scientists about perceived inadequacies of science reporting in general, one might well ask why one would want to have contact with reporters at all. First discussing this research with a reporter allows some control over the accuracy of the information presented to the public. If the topic is important enough, a reporter will get the information from one source or another, and better that it comes from an expert engaged in the research than from those less qualified to evaluate the particular topic. Second, media reports about specific research topics are often used by legislators and other government officials to support policy and funding decisions. Third, because much, if not most, of this research is supported by government-supported grant money, researchers are almost obligated to ensure that the implications of their research are clearly understood by the public, the ultimate source of those research funds.

Nevertheless, the media's objective can sometimes appear to conflict with those of a responsible scientist. Reporters often appear to sensationalize individual study results at the expense of a thorough understanding of the context for those results (i.e. the current state of the field). Report-

ers are also often under strict deadlines requiring a distillation of the information within hours, which can lead to errors, as opposed to the longer time frames for

"Reporters often appear to sensationalize individual study results at the expense of a thorough understanding of the context for those results ..."

completion of publications for scientific journals. In any case, the primary goals of a good reporter are to get the facts correct and to understand the implications of the research results for the public. Since few reporters are scientists, they need to contact those who are experts in a particular field in order to understand the impact of a study.

This is where the researcher comes in. Aside from ensuring that the reporter has all the facts correct, there are several rules of thumb that may prevent miscommunication or erroneous information from being included in a media report. First, it is clearly important to emphasize caution in interpreting results of any single study. The reporter should be made fully aware of limitations and scope of the particular study, especially if the results may be limited to the population and specific conditions employed in the study. Second, try and find out whether the reporter is doing a fast story on a specific finding, or is gathering background information for a larger story. Errors and incomplete information are more likely with the former than the latter situation. (Also, print reporters usually can take more time to formulate stories and provide background material, while broadcast reporters are very limited in time and amount of

information included in stories.) When time and/or space is of the essence, it may be best to stick to the essential points and avoid focusing on tangential material. Third, interviewees are not required to answer all questions posed by a reporter, especially if the questions are inappropriate or difficult to answer in a simple sentence or two. Rephrasing the reporter's question to better suit the research topic may be less likely to lead to problems. Finally, it may be possible to evaluate a copy of the reporter's article or piece on your research prior to publication, especially if it's for the print media. To a large extent, quality control in science reporting may fall to the scientists themselves, not only in their responses to reporters' questions but in providing feedback to reporters and editors when an inaccurate story on any topic related to their field is presented. The most direct manner in which to control the quality of reporting, of course, is to write the piece yourself. It may be possible to contact a local paper or magazine and offer to write a piece about your research field.

The Public Affairs Office of APA is concerned about the quality of media presentation of psychology research and has provided reporters with a Media Referral Service. This Service is a computerized data base containing the names of over 1,000 APA members with expertise in more than 800 specific research, practice, and policy areas. The Office typically receives 300 requests per year from the media for appropriate sources of information about stories related to psychology. Interested APA members should contact the Public Affairs Office to complete an application form and provide a current vitae to help APA determine what areas of expertise they may have. Assisting media in accurately reporting scientific research results can increase public appreciation of this research, thereby benefiting science in the long run.

Post-doctoral Research Fellowships

The Clinical Research and Treatment Institute of the Addiction Research Foundation in Toronto, a premier alcohol and drug treatment facility, has established a multidisciplinary research training program in the addictions. Several postdoctoral research fellow positions (Ph.D.s or M.D.s) are available beginning in July of each year. The objective of the program is to provide trainees with a comprehensive training program in the addictions and with training in research techniques, clinical/research seminars and a year long fundamentals course on substance abuse. Current research areas at the CRTI include mental health, guided self-exchange and community treatment research, preclinical treatment research, economic evaluations and smoking cessation. Salary ranges vary depending on postdoctoral experience and type of postdoctoral degree (Ph.D.: \$26,790 to \$30,510; MD.: \$27,100 to \$42,585). Deadline is March 1st of each application year. Interested applicants should send 2 letters of reference, an official graduate transcript, a curriculum vitae, copies of recent publications and a statement of research career plans and reasons for seeking training to:

Dr. Linda C. Sobell
Assistant Director of Research and Training
Clinical Research and Treatment Institute
Addiction Research Foundation
33 Russell St.
Toronto, Ontario M5S 2S

For further information call:
(416) 595-6002/6702 or
(416) 595-6617 (fax)

Postdoctoral Research Fellowship

1-2 year position in Human Psychopharmacology and Substance Abuse, with a particular focus on nicotine. Trainee will collaborate in studies examining individual differences in nicotine sensitivity, smoking and cofactors such as depression in women, and related laboratory-based projects. Instruction in behavioral pharmacology, psychopharmacology, neuroendocrinology, psychophysiology, and/or statistics/research methodology will be provided, depending on the trainee's needs and background. Ph.D. in experimental psychology or other relevant discipline required. Review of applications will begin January 1, 1994, and will continue until the position is filled. Send letter of interest, CV, and 3 letters of recommendation to:

Cynthia S. Pomerleau, Ph.D.
Behavioral Medicine Program
University of Michigan Department of
Psychiatry
475 Market Place, Ste. L
Ann Arbor, MI 48108.

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Post-doctoral Research Position Available

Post-Doctoral Fellowship in human sleep research available. This is a MD or PhD position lasting 1 or 2 years, doing research in sleep disorders, psychopharmacology of sleep, and daytime sleepiness. Join on-going funded research programs in sleep with the goal of developing your own funded research program in the area of sleep and behavioral pharmacology. A background in behavioral pharmacology is preferable.

Send inquires and CV to:
Timothy Roebers, PhD
Sleep Disorders and Research Center
Henry Ford Hospital
2921 West Grand Boulevard
Detroit, MI 48202



THE UNIVERSITY OF CHICAGO

Departments of
Physiological Sciences
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Pre- and Postdoctoral Training in Neuropsychopharmacology for Drug Abuse Research

The Departments of Pharmacological and Physiological Sciences and Psychiatry at the University of Chicago invite applications for pre- and postdoctoral training positions in drug abuse research. Didactic training in general neurobiology, physiology, pharmacology and behavioral principles. Research programs include: developmental neurobiology of early drug exposure, neurotoxicity of psychostimulants, sensitization to psychostimulants, pain and analgesia, and psychopharmacology of abused drugs in human volunteers. Minorities are encouraged to apply. Pre-doctoral applications available from:

J. DeGroot
Department of Pharmacological and
Physiological Sciences
The University of Chicago
Box 271
947 E. 58th Street
Chicago, IL 60637

Post-doctoral applicants send cv and names
of three references to:

H. de Wit
Department of Psychiatry
The University of Chicago
5841 S. Maryland Ave.
Chicago, IL 60637

EOAAE

Post-doctoral Program in Drug Abuse

Funded by the National Institute on Drug Abuse. Several two-year Fellowships are available at the University of California, San Francisco, in a multidisciplinary program in an active research environment. Fellows will work with a preceptor to design and implement studies on treatment of drug dependence, including nicotine. Topics include (1) treatment outcome, (2) treatment process, (3) dissemination methods, (4) person and environment variables that contribute to outcome, (5) analyses of successful treatment components, and (6) treatment innovation. Training includes core seminar, selected class work, and close work with preceptor. Examples of current research interests of faculty include psychosocial and pharmacologic treatments of cocaine and opioid abusers, factors determining relapse to abused drugs, diagnosis and outcome (especially in nicotine and cocaine dependence), treatments tailored for HIV-positive drug abusers, and innovative treatment research methodology. This position is under the auspices of the Department of Psychiatry, and will begin Summer, 1994. A priority of the department is the training of women and minorities for academic research careers. UCSF is an Equal Opportunity/Affirmative Action employer. Send statement (refer to Opening #S0066) describing research training and relevant research interests, vitae, two letters of reference, and representative work, by 4/15/94 to: Sharon Hall, Ph.D., Program Director, Postdoctoral Training Program in Drug Abuse Research, Veterans Administration Medical Center, 4150 Clement Street (116A), San Francisco, CA 94121.

OPEN POSITION

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Postdoctoral human research positions available in a stimulating and productive environment with excellent clinical and research resources.

JOHNS HOPKINS MEDICAL SCHOOL

Develop, implement, and publish human laboratory and/or treatment research related to behavioral, subjective, and physiological effects of psychoactive drugs. Special interest areas include: drug discrimination, behavioral treatment, performance effects, abuse liability assessment, clinical trials, smoking cessation, opioids, cocaine, anxiolytics/hypnotics, caffeine, nicotine.

Research background and experience desired. Minorities encouraged. USPHS stipend levels based on experience. Send vitae, letter of interest, and names/phones of 3 references to George E. Bigelow, Ph.D., Roland R. Griffiths, Ph.D., or Maxine L. Stitzer, Ph.D.: BPRU, Behavioral Biology Research Center 5510 Nathan Shock Drive Johns Hopkins/Key Medical Center Baltimore, MD 21224-6823. (410) 550-0035.

Division 28 Officers:

Elected:

President	Lewis S. Seiden	8/92-8/95	lew@DRUGS.BSD.UCHICAGO.EDU
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Past-President	Maxine L. Stitzer	8/91-8/94	mstitzer@BPRU.UUCP.JHU.EDU
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	Alice M. Young	2/94-1/97	USERGHD6@WAYNEMTS
Members-at-Large	Alice M. Young	8/91-8/94	
	Deborah A. Cory-Slechta	8/92-8/95	SLECHTA@BEHV04.BIOPHYSICS.ROCHESTER.EDU
	James L. Sorensen	8/93-8/96	

Appointed:

Program Chair, 1994	Marilyn E. Carroll	8/93-8/95	mcarroll@STAFF.TC.UMN.EDU
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Incoming Program Chair	Suzette Evans	8/94-8/96	
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APA Public Affairs Liaison	George E. Bigelow	8/91-8/94	bigelow@BPRU.UUCP.JHU.EDU
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Neurobehavioral Tox. Com.	Deborah A. Cory-Slechta	8/93-8/96	slechta@BEHV04.BIOPHYSICS.ROCHESTER.EDU
Public Information	Kenneth A. Perkins	8/92-8/94	
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Women's Network Rep.	Carolyn M. Mazure	8/93-8/96	mazure@BIOMED.MED.YALE.EDU

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