

## AAAS SAYS RESEARCH FUNDING HAS FARED WELL

According to budget analysts at the American Association for the Advancement of Science (AAAS), federal funding of basic and applied research fared relatively well in this past year's presidential budget. However, the AAAS and others have cautioned that it's too early to project a bright future for science funding, particularly in the long term, because of the uncertainty of the economy and the Congressional budget process. These revelations came to light during a two-day colloquium on the research and development budget hosted by the AAAS in Washington, D.C., in June.

Michael Telson, a House Budget Committee aide, reported that science received special protection in next year's budget. He noted that the 1983 budget resolution passed by Congress sets higher spending ceilings for science, health and energy than the White House had requested. However, it remains to be seen whether President Reagan will accept or veto an appropriation bill that authorizes spending above the original budget request. Reagan's policies are putting unprecedented pressures on discretionary programs, of which science is a part, and, consequently, Telson speculated that the outcome is very uncertain.

Overall, Reagan has proposed cutting discretionary funds by almost two-thirds in real terms by 1985. Protecting science will require doggedness on the part of the scientific community to show why its programs merit special consideration, Telson suggested. The annual AAAS report on the research budget, which was released at the colloquium, concurs. Since the economic assumptions underlying the President's budget seem overly optimistic, it's too soon to know whether the administration or Congress will be able to preserve any preferential treatment for science. Science spending is in increasing competition with other parts of the smaller pie, and it now represents one of the few programs that can be borrowed from to cushion the effect of cuts in other areas.

The AAAS notes in its analysis that despite statements of support for basic research, the White House has not accepted the dictum of the previous two administrations that there should be real growth in federal funding each year. Academic research, which comprises about 70 percent of all federally sponsored basic research, could actually decline by 10 percent between 1981 and 1983. The severity of the impact of Reagan's policy on academic research remains unmeasured because many researchers are still supported by grants funded prior to 1981. University grant applications to agencies whose budgets have been cut have already begun to decrease in number, presumably because many scientists see that funds are scarce and they are not bothering to submit proposals.

Frederick Khedouri, Associate Director for National Resources, Energy and Science at the Office of Management and Budget, defended the Reagan administration's budget and tax policies, saying that the war against inflation will prove more important than the debate over specific research programs. According to Khedouri, inflation has left its mark on university endowments and operating costs as lack of support

for faculty, graduate students and research facilities clearly demonstrates. He added that financially strapped institutions, facing fewer funds from private sources, have become increasingly dependent on federal handouts. Reagan's tax breaks, including a planned 50 percent reduction of corporate taxes, will put money back into private institutions by ending the erosion of endowments and by giving private individuals more money which inexorably will make more money available to universities, Khedouri said. He added that the federal government retains and will continue to support basic research, but the administration does not subscribe to arbitrary targets or goals based on constant dollar levels.

Khedouri, who administers budgets for the Department of Agriculture, the Department of the Interior, the National Science Foundation, the Environmental Protection Agency and the Army Corps of Engineers, hinted that the administration may have another surprise budget initiative that could strengthen research. He told scientists at the meeting that OMB has under consideration a proposal for multiyear funding of some programs that are now annually authorized by Congress. The scientific community has tried for years to convince Congress and the executive branch that multiyear funding of federal programs would help stabilize research and make it easier for administrators to plan university budgets. Khedouri acknowledged that programs would be sounder if they had a longer cycle.

## LITERATURE RETRIEVAL WORKSHOP AT APA CONVENTION

PsycINFO (Psychological Abstracts Information Services) will sponsor a four-hour workshop on computerized literature retrieval, with emphasis on the application of on-line searching to research and clinical work. Discussion and on-line demonstrations will give attendees a practical knowledge of technology and terminology, the PsycINFO data base, and the basic procedures involved in an on-line search. To register for the workshop, contact APA's Continuing Education Program, Educational Affairs Office (202/833-7592).

## CONGRESS ON ALCOHOL AND DRUG DEPENDENCE

This October, the 23rd International Congress on Alcohol and Drug Dependence will convene in Tangier. A two-week program has been developed which will combine a deluxe tour of the Kingdom of Morocco with attendance at the Conference. In addition, a series of lectures and meetings with our professional colleagues in Morocco has been scheduled. Both the pre-Congress Professional Study Tour, sponsored by the American Medical Society on Alcoholism, and the Congress itself, sponsored by the International Council on Alcoholism and Addictions, are open to physicians, behavioral scientists and health professionals with interests in the field of alcohol and drug dependence. For additional information, contact International Seminar Programs at (800) 645-2510, or in New York State, call (516) 432-1991.

1982 DIVISION 28 APA PROGRAM

Washington, D.C. - August 23-26, 1982

Monday, August 23:

9:00 - 10:50 a.m. Symposium: BEHAVIORAL PHARMACOLOGY AND STIMULUS CONTROL: PSYCHOPHYSICAL APPROACHES  
(Cabinet Room, Washington Hilton Hotel)

S. A. Daniel, Mercy College, Chair.

Differential Effects of Opioid Agonists on Electric Shock Discrimination. L. Dykstra, University of North Carolina, Chapel Hill.  
Effects of Drugs and Toxicants on Duration Discrimination. S. A. Daniel, Mercy College.  
Some Remarks on the Psychophysics of Drug Discriminations. J. B. Appel, University of South Carolina.  
Drug Effects on Response Output and Stimulus Control of Responding. J. L. Katz, University of Michigan Medical School.

Discussant: H. L. Evans, Institute of Environmental Medicine, New York University Medical Center.

11:00 - 12:50 p.m. Paper Session: LEARNING AND MEMORY: CONTRIBUTIONS OF BEHAVIORAL PHARMACOLOGY  
(State Room, Washington Hilton Hotel)

L. D. Byrd, Yerkes Regional Primate Research Center, Emory University, Chair.

Diphenylhydantoin Protects Against Both Hypoxic and Electrobrainshock Amnesia in Mice. E. Ganzu, L. Perrone, J. Thompson and A. B. Davidson, Hoffmann-La Roche, Inc.  
Effects of Scopolamine on Rat's Continuous Non-Matching to Sample Performance. M. J. Pontecorvo, New York University Medical Center, and G. A. Heise, Indiana University.  
Sedative-Hypnotics and Single-Spatial Alternation Performance of Dogs. M. E. Risner and D. L. Sillcox, NIDA-Addiction Research Center, Lexington.  
Adaptation to Hypoxic Disruption of Delayed Matching in Squirrel Monkeys. L. Ruzennik, A. Kuehn, E. Schwam and J. Sepinwall, Hoffmann-La Roche, Inc.  
Intraventricular (-)-Nicotine Infusions Disrupt Fixed-Ratio Performance in Rats. V. J. DeNoble, Y. Dragan, L. Carron and P. Mele, Philip Morris Research Center.  
Trimethyltin Produces Changes in Discrimination Behavior of Rats. M. I. Gage, U.S. Environmental Protection Agency.

2:00 - 2:50 p.m. Invited Address: ALZHEIMER'S DEMENTIA: THE CHOLINERGIC LINK  
(Cabinet Room, Washington Hilton Hotel)

C. R. Schuster, University of Chicago, Chair.

J. T. Coyle, Johns Hopkins University School of Medicine.

3:00 - 3:50 p.m. Poster Session: BEHAVIORAL PHARMACOLOGY: EXPERIMENTAL AND CLINICAL STUDIES  
(International Center, Washington Hilton Hotel)

A. M. Young, Wayne State University, Chair.

Effects of Caffeine on Variable Interval Responding in Rats. S. J. Freimark, M. R. McCullough and D. Phillips, Polytechnic Institute of New York.  
Effects of Nucleus Accumbens Lesions on Operant Responding. S. I. Dworkin, N. E. Goeders, D. R. Cherek, J. D. Lane and J. E. Smith, Louisiana State University School of Medicine, Shreveport.  
The Discriminative Stimulus Properties of Cocaine. R. R. de la Garza and C. E. Johanson, University of Chicago.  
Discrimination between Chlordiazepoxide and Pentobarbital Effects. H. Barry III, E. C. Krimer and M. S. McGuire, University of Pittsburgh School of Pharmacy.  
Discriminative Properties of Amphetamine and other Stimulants in Lead-Treated Rats. J. B. Rosen, A. M. Young, F. C. Beuthin and R. T. Louis-Ferdinand, Wayne State University.  
Opioid Normetabolites: Comparison to the Codeine Discriminative Effect in Monkeys. A. J. Bertalmo and J. H. Woods, University of Michigan.  
State-Dependent Learning with Caffeine in a College Classroom Setting. J. B. Blount and W. M. Cox, University of Minnesota, Morris.  
State-Dependent Learning in Hyperactive Children on Methylphenidate. A. R. Becker-Mattes, L. Brandt, George Washington University, H. Abikoff, Long Island Jewish-Hillside Medical Center, C. Rice, S. Hastroud and L. Rothblat, George Washington University.  
Methylphenidate and Pimozide: The Effects on Learning in Hyperactive Children. R. S. Stephens and W. E. Pelham, Jr., Florida State University.  
Methylphenidate Dose Effects on Academic Tasks in Hyperactive Children. W. E. Pelham, Jr., M. E. Bender, J. M. Caddell and S. Booth, Florida State University.  
The Effect of Smoking and Arousal and EMG Discrimination. L. H. Epstein and S. McKenzie, Western Psychiatric Institute and Clinic, University of Pittsburgh School of Medicine, B. Dickson, University of Georgia, and P. Russell, Western Psychiatric Institute and Clinic, University of Pittsburgh School of Medicine.  
Effects of Smoking Cessation on Weight, Eating, and Physical Activity. J. R. Hughes, K. Carroll, D. Hatsukami and R. W. Pickens, University of Minnesota.  
Alcohol and Aggression: A Comparison of Brewed and Distilled Beverages. R. O. Pihl, M. Smith and B. Farrell, McGill University.  
A Microcomputer Simulation to Assess Cognitive Impairment from Pharmacological Agents. K. C. Mills, University of North Carolina, Chapel Hill.

Effects of Alcohol on Affect Perception: An Information Processing Analysis. J. A. Tucker and R. E. Vuchinich, University of Florida.  
Doxepin Treatment of Depressed Methadone Patients: A Double-Blind Placebo Study. K. S. Westle, D. C. McBride and B. J. Goldstein, University of Miami School of Medicine.  
Towards a New Look on Emotionality - New Results in Pharmacopsychology. H.-P. Krueger, University of Wuerzburg, Federal Republic of Germany.  
New Trends in German Pharmacopsychology. R. Kohnen, University of Erlangen-Nuremberg, Federal Republic of Germany.

4:00 - 4:50 p.m. Poster Session (Shared with Division 6)  
(International Center, Washington Hilton Hotel)

Chronic Amphetamine Does Not Alter Apomorphine Effects on Self-Stimulation Responding. N. J. Leith, Vanderbilt University School of Medicine.  
Age Effects of d-Amphetamine-Induced Activity and Stereotypy in Rats. M. M. Kilbey and P. S. Tollison, Middle Tennessee State University.  
Effects of Nicotine, Dietary Protein, and Somatotropin Secretion on Weight. E. M. McNair, R. Bryson and T. Cronan, San Diego State University.  
Receptor Changes Following Signalled-Shock Postponement. S. I. Dworkin, D. R. Cherek, J. D. Lane and J. E. Smith, Louisiana State University School of Medicine, Shreveport.  
Effects of Acute PCP on Withdrawal Disruption from Chronic Phencyclidine. B. L. Slifer and R. L. Balster, Medical College of Virginia.  
Intracranial Self-Administration of Methionine Enkephalin into the Nucleus Accumbens. N. E. Goeders, J. E. Smith and J. D. Lane, Louisiana State University School of Medicine, Shreveport.  
Effect of Morphine or Cocaine on the Septal Irritability Syndrome. R. F. Marotta, Montefiore Hospital, Bronx, N. Gubitosa, City College, City University of New York, and M. Zepantis, J. Pischatelli, J. Trapasso and E. Rocco, Manhattan College and College of Mt. St. Vincent.  
Pre-Toxic Effects of Methylmercury on Vervet Monkeys' Social Behavior. S. M. Deikel, McGill University, R. L. Loscb, Indiana University of Pennsylvania, L. S. Lewis, University of Rochester, and R. O. Pihl, McGill University.  
Behavioral Abnormalities in Rats Exposed to Phenytoin during Gestation. J. L. Graner, S. E. Schlesinger, G. J. Mozdziarz, L. Kirsteins and A. M. Lawrence, VA Hospital, Hines, Ill., S. A. Lorens, Loyola University, and G. Baker and J. Anderson, VA Hospital, Hines, Ill.  
Behavioral Effects of Prenatal Exposure to Ethylene Dibromide. R. F. Smith, George Mason University, and L. Goldman, Lawrence Johnson and Associates.

5:00 - 6:50 p.m. EXECUTIVE COMMITTEE MEETING  
(Independence Room, Washington Hilton Hotel)

J. L. Falk, Rutgers University, Chair.

Tuesday, August 24:

9:00 - 10:50 a.m. Symposium: VARIABLES CONTROLLING DRUG SELF-ADMINISTRATION: FOOD DEPRIVATION, DRUG HISTORY, CONSEQUENCES  
(Military Room, Washington Hilton Hotel)

M. E. Carroll, University of Minnesota, Chair.

Effects of Behavioral and Pharmacological Variables on Drug Self-Administration. C. E. Johanson, J. Bergman and R. R. de la Garza, University of Chicago.  
Interrelationship between Self-Administration of Opioids and Feeding Behavior. R. S. Kanarek and R. Marks-Kaufman, Tufts University.  
Environmental Consequences as Determinants of Human Drug Self-Administration. M. L. Stitzer, G. E. Bigelow and J. Liebson, Johns Hopkins University School of Medicine.  
Effects of Food Deprivation of Ethanol- and Pentobarbital-Reinforced Responding. R. A. Meisch and D. J. Klirer, University of Minnesota.  
A Review of Food-Deprivation Effects on Drug Self-Administration. M. E. Carroll, University of Minnesota.

Discussant: J. L. Falk, Rutgers University.

11:00 - 12:50 p.m. Symposium: CHARACTERIZATION OF RECEPTORS MEDIATING DRUG DISCRIMINATIVE STIMULI  
(Hemisphere Room, Washington Hilton Hotel)

M. M. Kilbey, Middle Tennessee State University, Chair.

Characterization of Receptors Mediating Discriminative Properties of LSD and Related Hallucinogens. J. B. Appel, University of South Carolina.  
Characterization of 5-HT Receptors Using the Drug-Discrimination Paradigm. R. J. Barrett, VA Hospital, Nashville, Tenn.  
Characterization of the Receptor Mediating the Nicotine Discriminative Stimulus. C. Romano, Yale University School of Medicine.  
Pharmacologic Characterization of Receptor-Mediated Discriminative Effects of Benzodiazepines. S. Herling and H. E. Shannon, NIDA-Addiction Research Center, Lexington.

Discussant: J. H. Woods, University of Michigan School of Medicine.

3:00 - 4:50 p.m. Paper Session: BEHAVIORAL DRUG EFFECTS: MODIFICATION BY PHARMACOLOGICAL, PHYSIOLOGICAL, AND ENVIRONMENTAL FACTORS  
(Map Room, Washington Hilton Hotel)

R. R. Griffiths, Johns Hopkins University School of Medicine, Chair.

Anorectic Self-Administration and Preference During Weight Control Treatment. G. E. Bigelow, R. R. Griffiths and I. A. Liebson, Johns Hopkins University School of Medicine, and P. Nowowiecki, Baltimore City Hospitals.  
Effects of Intra-gastric Drugs and Feeding in Monkeys. R. W. Foltin and C. R. Schuster, University of Chicago.  
Effects of Caffeine on Human Aggressive Behavior. D. R. Cherek, J. L. Steinberg and J. E. Smith, Louisiana State University School of Medicine.  
Human Coffee Drinking: Effects of Coffee Concentration and Caffeine Dose. N. W. Russ, Baltimore City Hospitals, and R. R. Griffiths, Johns Hopkins University School of Medicine.  
Nucleus Accumbens Neurotoxin Lesions and Intravenous Morphine Self-Administration. J. E. Smith, G. F. Geurin and J. D. Lane, Louisiana State University School of Medicine, Shreveport.  
Environmental Modification of Morphine Tolerance in Rats. C. A. Sannerud and A. M. Young, Wayne State University.  
Chronic Effects of Oral Methadone in Methadone Maintenance Subjects. M. E. McCaul, G. E. Bigelow, M. L. Stitzer and I. Liebson, Johns Hopkins University School of Medicine.

5:30 p.m. Informal Paper Session: HUMAN BEHAVIORAL PHARMACOLOGY  
(Division 28 Hospitality Suite, Washington Hilton Hotel)

Effects of Low Doses of Alcohol on Human Aggressive Behavior. D. R. Cherek, J. L. Steinberg and J. E. Smith, Louisiana State University School of Medicine, Shreveport, Local Anesthetic Self-Administration in Humans. M. W. Fischman, University of Chicago, Pritzker School of Medicine.  
Oral Methadone as a Reinforcer: Self-Administration by Human Addicts. M. E. McCaul, M. L. Stitzer and G. E. Bigelow, Johns Hopkins University School of Medicine.

6:30 - 7:30 p.m. Informal Discussion: RESEARCH FUNDING  
(Division 28 Hospitality Suite, Washington Hilton Hotel)

C. R. Schuster, University of Chicago, Discussion Leader.

Discussants: L. D. Byrd, Yerkes Regional Primate Research Center, Emory University, R. W. Pickens, University of Minnesota, and J. H. Woods, University of Michigan School of Medicine.

Wednesday, August 25:

9:00 - 10:50 a.m. Symposium: BEHAVIORAL APPROACHES IN DRUG ABUSE TREATMENT  
(Military Room, Washington Hilton Hotel)

M. L. Stitzer, Baltimore City Hospitals, Chair.

A Behavioral Approach to Cocaine Abuse. A. A. Helfrich and T. J. Crowley, University of Colorado School of Medicine.  
The Job-Seekers' Workshop Dissemination Project. P. Loeb, S. M. Hall, J. Sorenson and E. Glaser, San Francisco General Hospital.  
Contingency Management Interventions: Effects on Treatment Outcome During Methadone Detoxification. M. E. McCaul, M. L. Stitzer, G. E. Bigelow and I. Liebson, Baltimore City Hospitals.  
Monetary Incentives, Family Therapy Outcome and Session Attendance with Drug Addicts. M. D. Stanton, T. C. Todd and F. Steier, Philadelphia Child Guidance Clinic, University of Pennsylvania.  
Reduction of Illicit Drug Use with Contingent Reinforcement Techniques. M. L. Stitzer, G. E. Bigelow and I. Liebson, Johns Hopkins University School of Medicine.

11:00 - 11:50 a.m. Paper Session: EXPERIMENTAL STUDIES OF CIGARETTE SMOKING  
(Hemisphere Room, Washington Hilton Hotel)

R. W. Pickens, University of Minnesota, Chair.

Heart Rate Variations Before and After Cigarette Smoke Inhalation. R. W. McIntire and L. Ferguson, University of Maryland.  
Relationship between Smoking Topography and a Physiological Measure of Withdrawal. D. K. Hatsukami, S. Morgan, D. Svikis, R. W. Pickens and J. Hughes, University of Minnesota.  
Some Effects of Nicotine Dose on Smoking Topography. P. M. Catchings, Hudspeth Mental Retardation Center, and R. W. Pickens, University of Minnesota.  
Can Increasing Urinary pH Reduce Cigarette Smoking? D. R. Cherek, R. F. Mauroner and J. R. Brauchi, Louisiana State University Medical School.

1:00 - 2:50 p.m. Symposium: NICOTINE AS A REINFORCER IN HUMANS AND EXPERIMENTAL ANIMALS  
(Conservatory Room, Washington Hilton Hotel)

S. R. Goldberg and J. E. Henningfield, NIDA-Addiction Research Center, Baltimore, Co-Chairs.

Concurrent Nicotine- and Food-Maintained Responding in Rhesus Monkeys. B. L. Slifer and R. L. Balster, Medical College of Virginia.

Nicotine-Maintained Responding in Baboons. N. A. Ator and R. R. Griffiths, Johns Hopkins University School of Medicine.  
 Effects of Dose Changes on Nicotine Self-Injection in Rhesus Monkeys. J. Dougherty, VA Medical Center, Lexington, D. Miller and H. Kostenbauder, University of Kentucky.  
 Nicotine as a Reinforcer in Squirrel Monkeys and Beagle Dogs. S. R. Goldberg, NIDA-Addiction Research Center, Baltimore, and M. Risner, NIDA-Addiction Research Center, Lexington.  
 Lever Pressing Behavior in Humans Maintained by Intravenous Nicotine Injections. J. E. Henningfield, K. Miyasato and D. R. Jasinski, NIDA-Addiction Research Center, Baltimore.

Discussant: J. E. Barrett, Uniformed Services University of the Health Sciences.

3:00 - 3:50 p.m.

Invited Address: BRAIN RECEPTORS: WHERE BIOCHEMISTRY MEETS BEHAVIOR  
 (Jefferson East Room, Washington Hilton Hotel)

R. L. Balster, Medical College of Virginia, Chair.

C. B. Pert, National Institutes of Health, Bethesda.

5:30 p.m.

Informal Paper Session: ANIMAL BEHAVIORAL PHARMACOLOGY  
 (Division 2B Hospitality Suite, Washington Hilton Hotel)

Neurobiological Parameters of Drug Reinforcement. J. E. Smith, Louisiana State University School of Medicine, Shreveport.  
 Effects of Tetrahydrocannabinol on Sexual Motivation. M. R. Landauer, S. Phillips and R. L. Balster, Medical College of Virginia.  
 Volatile Topics in Behavioral Pharmacology. R. W. Wood, University of Rochester School of Medicine and Dentistry.

Thursday, August 26:

9:00 - 10:50 a.m.

Symposium: SCHEDULES OF REINFORCEMENT: STANDARDS FOR THE EVALUATION OF BEHAVIORAL TOXICITY?

(Hemisphere Room, Washington Hilton Hotel)

R. W. Wood, University of Rochester School of Medicine, Chair.

Assessment of Behavioral Toxicity of Volatile Compounds by Schedule-Controlled Behavior. J. R. Glowa, Harvard Medical School.

Use of Schedule-Controlled Behavior for Analyzing the Effects of Pesticides. R. C. MacPhail, U.S. Environmental Protection Agency.

Sensitivity of Schedules of Reinforcement to Lead Exposure. D. Cory-Slechta, University of Rochester School of Medicine.

Behavioral Effects of Perinatal Lead or Methylmercury Exposure in Monkeys. D. C. Rice, Health Protection Branch, Health and Welfare, Ottawa.

Discussants: T. E. Levine and W. F. Sette, Office of Toxic Substances, Environmental Protection Agency, Washington.

12:00 - 12:50 p.m.

Invited Address: NEUROPEPTIDE MODULATION OF THE BEHAVIORAL EFFECTS OF DRUGS

(Hemisphere Room, Washington Hilton Hotel)

J. W. McKearney, Worcester Foundation for Experimental Biology, Chair.

J. E. Barrett, University of the Health Sciences.

1:00 - 1:50 p.m.

Presidential Address: DRUG DEPENDENCE: MOTIVE OR METAPHOR?

(State Room, Washington Hilton Hotel)

J. H. Woods, University of Michigan Medical School, Chair.

J. L. Falk, Rutgers University.

2:00 - 2:50 p.m.

BUSINESS MEETING

(State Room, Washington Hilton Hotel)

J. L. Falk, Rutgers University, Chair.

3:00 - 4:50 p.m.

Symposium: ALCOHOL PROBLEMS: HOW TO TREAT AND PREVENT THEM

(Holmes Room, Sheraton Washington Hotel)

W. M. Cox, University of Minnesota, Chair.

Effectiveness of Treatments: What Works and What Doesn't. C. D. Enrick, VA Medical Center, Denver.

Self-Help Groups: How They Work and When to Use Them. R. W. Thoreson, University of Missouri.

Building Self-Confidence, Self-Efficacy, and Self Control. S. Goldstein and G. A. Marlatt, University of Washington.

Cognitive-Behavioral Techniques for Achieving Abstinence or Controlled Drinking. M. Sanchez-Craig and H. M. Annis, Addiction Research Foundation, Toronto.

- Marital and Family Therapy for Alcohol Problems. T. J. O'Farrell, VA Medical Center, Brockton.
- Alcoholism Prevention: Where, Why, and How. P. E. Nathan, Rutgers - The State University.
- Discussant: P. B. Sutker, VA Medical Center, New Orleans.

## RECENT PUBLICATIONS

- Morselli, P. L., Lloyd, K. G., Löscher, M. and Reynolds, E. H. (eds.): Neurotransmitters, Seizures, and Epilepsy. Raven Press, New York, 1981, 378 pp.
- Klawans, H. L. and Weiner, W. J. (in conjunction with P. L. Nausieda and C. C. Goetz): Textbook of Clinical Neuropharmacology. Raven Press: New York, 1981, 382 pp.
- Cooper, J. R., Bloom, F. E. and Roth, R. H.: The Biochemical Basis of Neuropharmacology, 4th Ed. Oxford University Press: New York, 1982, 340 pp.
- Stanton, M. D., Todd, T. C. and Associates: The Family Therapy of Drug Abuse and Addiction. Guilford Publ.: New York, 1982, 474 pp.
- Mule, S. J. (ed.): Behavior in Excess: An Examination of the Volitional Disorders. The Free Press: Riverside, N.J., 1982, 500 pp.
- Klawans, H. L. (ed.): Clinical Neuropharmacology, Vol. 5. Raven Press: New York, 1982.
- Malick, J. B. and Bell, R. M. S. (eds.): Endorphins: Chemistry, Physiology, Pharmacology, and Clinical Relevance. Marcel Dekker: New York, 1982, 296 pp.
- Yoshida, H., Hagihari, Y. and Ebashi, S. (eds.): Advances in Pharmacology and Therapeutics II, Vol. 1, CNS Pharmacology-Neuropeptides. Pergamon Press: New York, 1982, 360 pp.
- Nemeroff, C. B. and Dunn, A. J. (eds.): Peptides, Hormones and Behavior. SP Medical & Scientific Books: Jamaica, N.Y., 1982, 864 pp.
- Essman, W. B. and Valzelli, L. (eds.): Neuropharmacology: Clinical Applications. SP Medical & Scientific Books: Jamaica, N.Y., 1982, 500 pp.
- Lieber, C. S. and Stimmel, B. (eds.): Recent Advances in the Biology of Alcoholism. Haworth Press: New York, 1982.
- Edwards, G. and Busch, C. (eds.): Drug Problems in Britain: A Review of Ten Years. Academic Press: New York, 1981, 332 pp.
- Lubar, J. F. and Deering, W. M.: Behavioral Approaches to Neurology. Academic Press: New York, 1981, 208 pp.
- Roberts, T. A., Hobbs, G., Christian, J. H. B. and Skovgaard, N. (eds.): Psychotropic Microorganisms in Spoilage and Pathogenicity. Academic Press: New York, 1982, 529 pp.
- Stimmel, B. (ed.): Effects of Parental Alcoholism & Drug Abuse on Children. Haworth Press: New York, 1982.
- Soffer, R. L.: Biochemical Regulation of Blood Pressure. John Wiley & Sons: Somerset, N.J., 1981, 450 pp.
- Schaffer, S. M., Baskin, S. I. and Kocsis, J. J. (eds.): The Effects of Taurine on Excitable Tissues. SP Medical & Scientific Books: Jamaica, N.Y., 1981, 446 pp.
- Vassos, B. H. and Ewing, G. W.: Analog and Digital Electronics for Scientists, 2nd Ed. John Wiley & Sons: Somerset, N.J., 1980, 472 pp.
- Woodbury, D. M., Penry, J. K. and Pippenger, C. E. (eds.): Antiepileptic Drugs 2nd Ed. Raven Press: New York, 1982, 1,040 pp.
- Beech, H. R., Burns, L. E. and Sheffield, B. F.: A Behavioural Approach to the Management of Stress: A Practical Guide to Techniques. John Wiley & Sons: Somerset, N.J., 1982, 132 pp.
- Kandel, E. R. and Schwartz, J. H. (eds.): Principles of Neural Science. Elsevier North-Holland: New York, 1981, 762 pp.
- Holcenberg, J. S. and Roberts, J.: Enzymes as Drugs. John Wiley & Sons: Somerset, N.J., 1981, 480 pp.
- Florey, K. (ed.): Analytical Profiles of Drug Substances, Vol. 10. Academic Press: New York, 1981, 752 pp.
- Kaiya, H. and Namba, M. (eds.): Psychobiology of Schizophrenia: In Memory of C. and D. Vogt and M. Hayashi. Pergamon Press: New York, 1982, 220 pp.
- Ziebold, T. O. and Mongeon, J. (eds.): Alcoholism & Homosexuality. Haworth Press: New York, 1982.
- Cohen, S., Buchwald, C., Solomon, J., Callahan, J. and Katz, D. (eds.): Frequently Prescribed and Abused Drugs: Their Indications, Efficacy, and Rational Prescribing. Haworth Press: New York, 1982.
- McKerns, K. W. (ed.): Hormonally Active Brain Peptides: Structure and Function. Plenum Publ.: New York, 1982, 600 pp.
- Schmidt, D. and Seldon, L.: Adverse Effects of Antiepileptic Drugs. Raven Press: New York, 1982, 250 pp.
- Craig, R. J. and Baker, S. L.: Drug Dependent Patients: Treatment and Research. Charles C. Thomas: Springfield, Ill., 1981, 384 pp.
- Bean, M. H. and Zinberg, N. E. (eds.): Dynamic Approaches to the Understanding and Treatment of Alcoholism. The Free Press: Riverside, N.J., 1982, 300 pp.
- Abel, E. L. (ed.): Fetal Alcohol Syndrome: Vol. 1, An Annotated and Comprehensive Bibliography. CRC Press: Boca Raton, Fl., 1981, 144 pp.
- Abel, E. L. (ed.): Fetal Alcohol Syndrome: Vol. 2, Human Studies. CRC Press: Boca Raton, Fl., 1982, 208 pp.
- Abel, E. L. (ed.): Fetal Alcohol Syndrome: Vol. 3, Animal Studies. CRC Press: Boca Raton, Fl., 1982, 192 pp.
- Brill, L.: The Clinical Treatment of Substance Abusers. The Free Press: Riverside, N.J., 1982, 256 pp.
- Dhawan, B. N. (ed.): Current Status of Centrally Acting Peptides. Pergamon Press: New York, 1982, 350 pp.
- Kanarek, R. B. (ed.): Nutrition and Behavior, Vol. 1. Alan R. Liss: New York, 1982 (4 Issues).