



# **international directory of investigators in psychopharmacology**

World Health Organization/National Institute of Mental Health

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World Health Organization/National Institute of Mental Health

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE  
Health Services and Mental Health Administration

National Institute of Mental Health  
5600 Fishers Lane  
Rockville, Maryland 20852

Investigators who wish to be considered for inclusion in the Second Edition of the International Directory or those who have found inaccuracies in their biographical sketches are requested to notify the Editor:

ALICE A. LEEDS, M.D.

*Chief*, International Reference Center for Information on Psychotropic Drugs

Psychopharmacology Research Branch

Division of Extramural Research Programs

National Institute of Mental Health

Parklawn Building, Room 9-105

5600 Fishers Lane

Rockville, Maryland 20852

## Foreword

The International Directory of Investigators in Psychopharmacology was developed to facilitate communication among researchers in the scientific community. It does not represent a "Who's Who" in psychopharmacology. It includes the names of all those who in response to a questionnaire stated that they were either actively or administratively involved in the investigation of psychotropic drugs for the treatment of mental illness.

The questionnaire was sent initially to approximately 8,000 individuals. Names and addresses were obtained from various mailing lists, such as subscribers to the Psychopharmacology Bulletin, the grantees of the NIMH Psychopharmacology Research Branch, and appropriate professional associations in the United States. We also received listings from the various Regional, Collaborative, and National Reference Centers which comprise the WHO-NIMH International Reference Centers Network for Information on Psychotropic Drugs.

The First Edition of the Directory contains approximately 2,200 names. We realize, with regret, that there are many additional investigators whose names are not included. Some of these could not be reached at the addresses available. In other cases, the questionnaires were returned too late to be considered for the First Edition.

Although the Directory underwent repeated editing, misspellings of names and addresses may inadvertently have occurred. The omission of such diacritical marks as "Umlaut," "accents," "tildes," and "breves" in the names of investigators, institutions, or cities could not be avoided. The special printing process used to produce this Directory does not provide for such special marks. For instance, the Swedish city which is pronounced Haelsingborg, appears as Halsingborg, and the family name which is pronounced Koenig will be listed as Konig. Any other corrections or changes brought to our attention will be included in the next edition.

We cordially invite investigators who wish to be listed in the next edition to send us their names and addresses.

The following explanatory notes may serve to facilitate the use of the Directory. The first section consists of biographical sketches of the investigators. Their names are listed alphabetically. This section provides the preferred mailing address, and, where applicable, the address of a second affiliation, as well as titles or positions of the investigator within the respective organization. Additional information includes highest degree and the year it was awarded, major discipline(s) and memberships in professional associations. The "free sentences" that follow represent in the responder's own words his research activities and interests. The last item of each biography indicates the major fields or research areas which best describe the investigator's activities and professional interests.

The Indexes—which were derived from the above information—include the following:

1. Geographic Index: This index lists alphabetically, and in that order, the country, city, and name of the investigator. In the case of the U.S.A., each State is preceded by the letters U.S.

2. Index of Research Activities: The "free sentences" which describe in some detail the researcher's activities form the basis for this, the largest of the three indexes. Insignificant words (such as: also, for, this) and terms too broad to serve as search terms (such as: research, illness, activity) were eliminated. The meaningful terms, i.e., those which an inquirer presumably would use to find a specific item of research interest, were retained and arranged by the computer to form a dictionary. Terms are listed in this Index exactly as they were given in the sentences. They may appear in several forms: singular, plural, or as various parts of speech, such as adjectives or adverbs. They might also be synonyms or related terms. Therefore, it is suggested that users of the Directory look under various related terms if the search term they have selected is not listed. Moreover, even if the exact term is available, synonyms or related terms may have additional information in other parts of the index. For instance, if an inquirer is interested in studies in man, as opposed to animal experiments, he may look under "man," "human(s)," and "patient(s)." If he needs more specific information, he may also look under such terms as "schizophrenic(s)" or "manic-depressive(s)."

To avoid making this index unwieldy, decisions had to be made in regard to eliminating certain words which were less likely to be used in a search. As an example, the various anatomical and physiological systems are not listed under "Systems" but under the specific term: "limbic system," "serotonergic system," and so forth. Similarly, the term "drug(s)" was eliminated but psychotropic drug groups and generic and trade names of drugs can be found if the respondent included them in his sentences.

Under each Keyword appear the full sentences which contain that particular term. The sentences are arranged alphabetically under each term according to their first word. Each sentence is followed by the investigator's name.

3. Major Fields Index: This index is organized according to the 17 major fields which were listed on the questionnaire. Each respondent was asked to select up to three of these research categories in preclinical and/or clinical psychopharmacology. The names of the investigators are arranged alphabetically under each Major Field.

Once a name has been located in any one of the three indexes, the inquirer can then consult the biographical sketch for the desired information on that individual.

We believe that this Directory is unique because of the research information it provides and because of the manner in which it was produced. A special computer program was designed to create the biographical sketches and to develop indexes from the information contained therein. Furthermore, to speed publication of the volume after final editing, the computer tapes were processed through the "Linotron," a computerized photo compositor. This process replaces manual typesetting which always necessitates corrections of galley and page proofs, an exacting and time-consuming procedure.

It is hoped that this comprehensive resource will serve the purpose for which it was intended: to alert researchers to ongoing work in other parts of the world as well as in their own country and to stimulate a more direct and dynamic exchange of ideas among investigators in the field of psychopharmacology.

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## BIOGRAPHIC SECTION

**Abood, Leo George:**University of Rochester; (Prof Neurochemistry and Biochemistry) University of Rochester/Center for Brain Research, Rochester, New York. 14627 PhD '50.

DISCIPLINES AND ASSOCIATIONS: Biochemist, Biochemical Pharmacologist. Amer Physiol Soc, Amer Coll Neuropsychopharmacology, Intern Neurochem Soc, Amer Neurochem Soc, Amer Soc Med Chem.

CURRENT WORK INTERESTS: Chemistry and biophysics of nerve conduction and excitation. Mechanisms of drug action on nervous system.

MAJOR FIELDS: Mechanism of Action-Physio, Biochem, Pharmaco-in Vitro, Chemical Synthesis, Isolation and Characterization, Mechanism of Action-Physio, Biochem, Pharmaco, Toxicology.

**Abramson, Harold Alexander:**South Oaks Research Foundation; (Director of Research) Sunrise Highway, Amityville, New York. 11701 MD '23.

DISCIPLINES AND ASSOCIATIONS: Psychiatrist, Physical Chemist, Biochemist. Amer Psychiat Assoc, Amer Physiol Soc, Soc Biol Chem.

CURRENT WORK INTERESTS: Application of physical chemistry and content analysis to psychiatric problems.

MAJOR FIELDS: Mechanism of Action-Physio, Biochem, Pharmaco-in Vivo, Mechanism of Action-Behavioral (Clinical).

**Abuzzahab, Faruk Said, Sr.:**University of Minnesota; (Assistant Prof) University of Minnesota Hospitals/Box 392 Mayo, Minneapolis, Minnesota 55545. Hastings State Hospital; (Chief of Psychiatry) Hastings, Minnesota 55033. MD-PhD '59-'68.

DISCIPLINES AND ASSOCIATIONS: Psychopharmacology, Psychiatrist. Amer Med Assoc, Amer Psychiat Assoc.

CURRENT WORK INTERESTS: Clinical testing of Phase II to Phase III psychoactive compounds in hospitalized and outpatient psychiatric practice. Basic pharmacological investigation of the mechanism of action of psychoactive compounds and mechanism of drug toxicity. International registry of Gilles de la Tourette's Syndrome.

MAJOR FIELDS: Mechanism of Action-Physio, Biochem, Pharmaco, Toxicology, Mechanism of Action-Behavioral (Clinical), Drug Trials in Miscellaneous Diagnostic Groups.

**Aceto, Mario Dominic:**Sterling-Winthrop Research Institute; (Research Biologist) Columbia Turnpike, Rensselaer, New York. 12144 PhD '59.

DISCIPLINES AND ASSOCIATIONS: Central Nervous System Pharmacology, General Pharmacologist. Amer Coll Angiol, Amer Soc Pharmacology and Experimental Therapeutics, Amer Therapeut Soc, Amer Pharmaceut Assoc.

CURRENT WORK INTERESTS: Determination and development of new profiles of biological activity of antipsychotic, antidepressant and analgesic drugs.

MAJOR FIELDS: Drug Development (Preclinical Screening), Mechanism of Action-Physio, Biochem, Pharmaco-in Vitro, Methods Development (Preclinical).

**Acheson, Richard Morrin:**Oxford University/Dept Biochemistry; (Lecturer) Oxford University/Dept of Biochemistry/South Parks Road, Oxford, England. Queen's College; (Fellow) Oxford, England. PhD '48.

DISCIPLINES AND ASSOCIATIONS: Organic Chemist, Medicinal Chemist. Chem Soc London, Amer Chem Soc.

CURRENT WORK INTERESTS: Synthesis of heterocycles as possible drugs.

MAJOR FIELDS: Chemical Synthesis, Isolation and Characterization, Mechanism of Action-Physio, Biochem, Pharmaco-in Vivo, Mechanism of Action-Behavioral (Preclinical).

**Adami, Enrico:**Istituto de Angeli Ltd; (Scientific Director) Via Carducci 26, Milan, Italy. MD '31.

DISCIPLINES AND ASSOCIATIONS: Libero Docent of Pharmacology, General Pharmacologist, Toxicologist. Ital Soc Pharmacol, European Soc Drug Toxicity, Ital Soc Experimental Biol, Intern Soc Chemotherapy, Intern Soc Biochem Pharmacol.

CURRENT WORK INTERESTS: Pharmacology applied to the research of new drugs.

MAJOR FIELDS: Drug Development (Preclinical Screening), Mechanism of Action-Physio, Biochem, Pharmaco-in Vivo, Toxicology and Side Effects.

**Adams, James Robert:**Jamestown State Hospital; (Clinical Psychologist) Box 476, Jamestown, North Dakota. 58401 South Central Mental Health Center; (Clinical Psychologist) Jamestown, North Dakota. PhD '69.

DISCIPLINES AND ASSOCIATIONS: Clinical Psychologist. Amer Psychol Assoc.

CURRENT WORK INTERESTS: Effects of psychotropic drugs.

MAJOR FIELDS: Drug Trials in Miscellaneous Diagnostic Groups, Drug Trials in Schizophrenia, Early Clinical Drug Trials-Uncontrolled Studies.

**Adamson, John Douglas:**University of Manitoba/Dept Psychiatry; (Associate Prof) Winnipeg General Hospital, Winnipeg 3/Manitoba, Canada. Provincial Govt of Manitoba; (Coordinator of Psychiatric Research) Manitoba, Canada. MD '56.

DISCIPLINES AND ASSOCIATIONS: Psychiatrist. Canadian Psychiat Assoc, Amer Psychosomatic Soc, Soc Psychophysiol Res.

MAJOR FIELDS: Drug Trials in Schizophrenia, Drug Trials in Affective Disorders, Drug Trials in Miscellaneous Diagnostic Groups.



## Adelson

**Adelson, Edward T.:** Cornell University/Medical College; (Assistant Clinical Prof Psychiatry) 55 East 86th Street, New York, New York. 10021 Mount Sinai Medical College; (Clinical Associate) New York, New York. 10029. MD '40.

DISCIPLINES AND ASSOCIATIONS: Psychiatrist. Amer Psychiat Assoc, Amer Med Assoc, Assoc Adv Psychotherapy, Acad Psychoanalysis-

CURRENT WORK INTERESTS: Evaluation of psychiatric therapies.

MAJOR FIELDS: Drug Trials in Schizophrenia, Drug Trials in Affective Disorders, Drug Trials in Neuroses.

**Adler, Martin William:** Temple University/School of Medicine; (Associate Prof Pharmacology) 3420 N Broad Street, Philadelphia, Pennsylvania. 19140 PhD '60.

DISCIPLINES AND ASSOCIATIONS: Neuropharmacology, General Pharmacologist. Amer Soc Pharmacology and Experimental Therapeutics, Amer Assoc Adv Sci, NY Acad Sci.

CURRENT WORK INTERESTS: Alterations in responsiveness to drugs after chronic brain lesions in animals. Effect of alterations in sensory input on cerebral excitability.

MAJOR FIELDS: Mechanism of Action-Physio, Biochem, Pharmaco-in Vivo, Mechanism of Action-Behavioral (Preclinical).

**Adriani, John:** Charity Hospital; (Director/Dept Anesthesia) 1532 Tulane Avenue, New Orleans, Louisiana. 70140 Louisiana State University/Sch Med; (Prof Clinical Pharmacology and Surgery) New Orleans, Louisiana 70132. '34.

DISCIPLINES AND ASSOCIATIONS: Anesthesiologist, Clinical Pharmacologist. Amer Soc Pharmacology and Experimental Therapeutics, Amer Med Assoc. Soc Experimental Biol and Med, Intern Anesthesia Res Soc.

CURRENT WORK INTERESTS: Pharmacology of central nervous system stimulants and depressants, respiratory physiology and pathology, and the pharmacology of local anesthetics.

MAJOR FIELDS: Mechanism of Action-Physio, Biochem, Pharmaco, Toxico, Early Clinical Drug Trials-Uncontrolled Studies, Toxicology and Side Effects.

**Afelche, Samir Philippe:** Ciba Clinical Research; (Medical Advisor) Binningerstrasse 9/P O Box 49, 4103 Bottmingen, Switzerland. MD '60.

DISCIPLINES AND ASSOCIATIONS: Internist, Clinical Pharmacologist.

CURRENT WORK INTERESTS: Drug trials in affective disorders, especially depression.

MAJOR FIELDS: Drug Trials in Affective Disorders, Methods Development (Clinical).

**Agathon, Melinee:** Centre National de la Recherche Scientifique; (Chargee de Recherche) 3 rue Angelique Verien, 92 Nevilly sur Seine, France. DES '62.

DISCIPLINES AND ASSOCIATIONS: Experimental Psychologist. Soc EEG Langue Francaise, Soc Francaise Psychol, Intern Council Psychol-

CURRENT WORK INTERESTS: Effects of psychotropic drugs on human conditioning.

MAJOR FIELDS: Mechanism of Action-Behavioral (Clinical), Methods Development (Clinical).

**Aghajanian, George K.:** Yale University/School of Medicine; (Associate Prof Psychiatry) 34 Park Street, New Haven, Connecticut 06519. MD '58.

DISCIPLINES AND ASSOCIATIONS: Biochemical Pharmacologist, Psychiatrist. Amer Soc Pharmacology and Experimental Therapeutics, Psychiat Res Soc, Amer Soc Neurochem, Soc Neurosci.

CURRENT WORK INTERESTS: Action of psychotomimetic and other drugs at a cellular and chemical level in brain.

**Ahlborg, Ulf G.:** Karolinska Institutet/Dept of Toxicology; Karolinska Institutet, 10401 Stockholm 60, Sweden. National Institute of Public Health; (Associate Prof) 10407 Stockholm 60, Sweden.

DISCIPLINES AND ASSOCIATIONS: Behavioral Toxicology, Toxicologist.

CURRENT WORK INTERESTS: Behavioral pharmacology of psychotomimetic indolealkylamines and behavioral effects of toxic agents like pesticides and other environmental health hazards.

MAJOR FIELDS: Mechanism of Action-Behavioral (Preclinical), Toxicology and Side Effects.

**Ahlenius, Sven Erhard:** Gibraltarg 84/A403, S-412 79 Gothenburg, Sweden. BA '69.

DISCIPLINES AND ASSOCIATIONS: Behavioral Pharmacology, Experimental Psychologist.

CURRENT WORK INTERESTS: Use of operant conditioning methods to find behavioral correlates to changes in turnover and levels of monoamines in the brain.

MAJOR FIELDS: Mechanism of Action-Behavioral (Preclinical), Mechanism of Action-Behavioral (Clinical), Methods Development (Preclinical).

**Ainslie, John Durham:** Kings View Community Mental Health Center; (Director Res and Educ) P O Box 631, Reedley, California. 93654 Visalia Outpatient Clinic & Day Treatment Center; (Medical Director) Visalia, California. 93277 MD '46.

DISCIPLINES AND ASSOCIATIONS: Psychiatrist. Amer Psychiat Assoc, Amer Med Assoc, California Med Assoc, NY Acad Sci, Amer Assoc Univ Prof, Amer Public Health Assoc, Assoc Adv Psychotherapy, Acad Psychosomatic Med, Amer Acad Adv Sci-

CURRENT WORK INTERESTS: Controlled clinical trials of drugs for miscellaneous diagnostic groups including affective, schizophrenic and neurotic disorders. Identification and use of simplified criteria for selection of drug(s) to be used, and manner and duration of drug use in relation to the total therapeutic and life situations of the patient.

MAJOR FIELDS: Drug Trials in Miscellaneous Diagnostic Groups, Drug Trials in Schizophrenia, Drug Trials in Neuroses.

**Aitken, Robert Cairns Brown:** Edinburgh University/Dept of Psychiatry; (Senior Lecturer) Royal Edinburgh Hospital/Dept of Psychiatry/Morningside Park, Edinburgh EH10 5HF, Scotland. MD '65.

DISCIPLINES AND ASSOCIATIONS: Psychiatrist, Experimental Psychologist. Royal Medico Psychol Assoc, Royal Coll Physicians, Royal Soc Med-



**CURRENT WORK INTERESTS:** Comprehensive evaluation of mood with particular emphasis on aspects of measurement in affective and psychosomatic disorders.

**MAJOR FIELDS:** Drug Trials in Affective Disorders, Drug Trials in Neuroses, Methods Development (Clinical).

**Al-Hachim, Ghazi Mohammed:**University of Baghdad; University of Baghdad/Pharmacology Dept/College of Medicine, Baghdad, Iraq. PhD '65.

**DISCIPLINES AND ASSOCIATIONS:** General Pharmacologist, Toxicologist.

**CURRENT WORK INTERESTS:** Effect of prenatal drugs on postnatal development and behavior.

**MAJOR FIELDS:** Mechanism of Action-Behavioral (Preclinical), Mechanism of Action-Behavioral (Clinical), Toxicology and Side Effects.

**Albert, Jean-Marie Raymond:**Hopital St Charles; (Director of Research) 1000 Blvd Ste Anne, Joliette/Quebec, Canada. Institut de Recherche Psychiatrique; (Director) Joliette/Quebec, Canada. MD '63.

**DISCIPLINES AND ASSOCIATIONS:** Psychiatrist, Clinical Pharmacologist. Quebec Psychiat Res Assoc, Royal Coll Canada, Coll Med et Chirurgien.

**CURRENT WORK INTERESTS:** Drug metabolism.

**MAJOR FIELDS:** Drug Trials in Miscellaneous Diagnostic Groups, Mechanism of Action-Physio, Biochem, Pharmacology, Toxicology, Sociopharmacology.

**Albin, Maurice S.:**Parke-Davis & Co Research Labs; (Sr Associate Director/Clin Therapeutics) 2800 Plymouth Road, Ann Arbor, Michigan. 48105 University of Michigan/Sch of Med; (Clinical Associate Prof Anesthesia) Ann Arbor, Michigan. 48105 MD '58.

**DISCIPLINES AND ASSOCIATIONS:** Anesthesiologist, Physiologist. Amer Soc Anesthesiol, Soc Experimental Biol and Med, Amer Acad Neurol, Amer Soc Art Int Organs.

**CURRENT WORK INTERESTS:** Clinical evaluation of central nervous system drugs and the cerebral circulation.

**MAJOR FIELDS:** Early Clinical Drug Trials-Uncontrolled Studies, Mechanism of Action-Physio, Biochem, Pharmacology-in Vivo, Mechanism of Action-Physio, Biochem, Pharmacology, Toxicology.

**Alivisatos, Spyridon G. A.:**Chicago Medical School; (Prof and Chairman/Biochemistry) 2020 W Ogden Avenue, Chicago, Illinois. 60612 MD-PhD '46-'51.

**DISCIPLINES AND ASSOCIATIONS:** Physiologist, Biochemical Pharmacologist. Amer Soc Biol Chem, Amer Med Assoc, Amer Soc Neurochem, Amer Soc Pharmacology and Experimental Therapeutics, Biochem Soc.

**CURRENT WORK INTERESTS:** Chemistry of attachment of biogenic amines at acceptor (receptor) sites in the central nervous system and its relation to psychotropic drugs.

**MAJOR FIELDS:** Mechanism of Action-Physio, Biochem, Pharmacology-in Vivo, Mechanism of Action-Physio, Biochem, Pharmacology-in Vivo, Methods Development (Preclinical).

**Aller, Wayne Kendall:**Indiana State University; (Associate Prof) Indiana State University, Terre Haute, Indiana. 47809 PhD '64.

**DISCIPLINES AND ASSOCIATIONS:** Experimental Psychologist. Amer Psychol Assoc, Amer Assoc Adv Sci.

**CURRENT WORK INTERESTS:** Effects of RNA and protein synthesis inhibitors upon learning, memory, and transfer of learning.

**MAJOR FIELDS:** Mechanism of Action-Behavioral (Preclinical), Mechanism of Action-Physio, Biochem, Pharmacology-in Vivo, Mechanism of Action-Physio, Biochem, Pharmacology-in Vivo.

**Allert, Max-Ludwig:**Universitäts-Nervenklinik; (Privatdozent and Oberarzt) 665 Homburg/Saar, West Germany. MD.

**DISCIPLINES AND ASSOCIATIONS:** Psychiatrist. Neurologist.

**CURRENT WORK INTERESTS:** Clinical side effects of neuroleptics, thymoleptics and tranquilizers.

**MAJOR FIELDS:** Mechanism of Action-Physio, Biochem, Pharmacology, Toxicology, Drug Trials in Schizophrenia, Drug Trials in Miscellaneous Diagnostic Groups.

**Alley, Gordon Robert:**University of Kansas; (Associate Prof Education & Lecturer in Pediatrics) 2745 Alambama, Lawrence, Kansas. 66044. PhD.

**DISCIPLINES AND ASSOCIATIONS:** Pediatric Psychology. Amer Psychol Assoc, Amer Assoc Univ Prof.

**CURRENT WORK INTERESTS:** Effects of psychopharmacological agents on constructional praxis performances.

**MAJOR FIELDS:** Mechanism of Action-Behavioral (Clinical), Drug Trials in Miscellaneous Diagnostic Groups, Sociopharmacology.

**Ambrus, Julian L.:**Roswell Park Memorial Institute; (Director/Springville Laboratories) 666 Elm Street, Buffalo, New York. 14203 State University of New York; (Prof Biochem Pharm/Assoc Prof Intern Med) Buffalo, New York. 14214 MD-PhD '49-'54.

**DISCIPLINES AND ASSOCIATIONS:** Clinical Pharmacologist, Internist. Amer Soc Hematol, Intern Soc Hematol, Amer Heart Assoc, Intern Coll Angiol, Amer Soc Cancer Res.

**MAJOR FIELDS:** Mechanism of Action-Physio, Biochem, Pharmacology, Toxicology, Mechanism of Action-Physio, Biochem, Pharmacology-in Vivo, Toxicology and Side Effects.

**Amdisen, Amdi Blichfeldt:**Psychopharmacological Research Unit; (Assistant Research Director) Psychiatric University Clinic/State Mental Hospital, DK 8240 Risskov, Denmark. MD '15.

**DISCIPLINES AND ASSOCIATIONS:** Clinical Chemistry.

**CURRENT WORK INTERESTS:** Biological psychiatry, especially connected with lithium.

**Ananth, Jambur:**Douglas Hospital; (Research Psychiatrist) 6875 La Salle Blvd, Montreal/Quebec, Canada. McGill University; (Demonstrator) Montreal/Quebec, Canada. MD '60.

**DISCIPLINES AND ASSOCIATIONS:** Psychiatrist. Canadian Psychiat Assoc.

**MAJOR FIELDS:** Early Clinical Drug Trials-Uncontrolled Studies.

## Anchersen

**Anchersen, Per:**Ullevål Hospital/University Psych Clin A; (Chief) 166 Kirkeveien, Oslo 1, Norway. University of Oslo; (Associate Prof) Oslo, Norway. MD '35.

DISCIPLINES AND ASSOCIATIONS: Psychiatrist. Norwegian Psychiat Assoc, Scandinavian Assoc Biol Psychiat, Nordic Comm Res Alcoholism, Nordic Comm Psychiat Cooperation.

CURRENT WORK INTERESTS: Manic-depressive psychoses, lithium. Manic-depressive psychoses, tricyclic compounds.

MAJOR FIELDS: Drug Trials in Affective Disorders.

**Anden, Nils-Erik B.:**University of Goteborg; (Associate Prof) Fack, S-40033 Goteborg 33, Sweden. MD-PhD '64.

DISCIPLINES AND ASSOCIATIONS: Biochemical Pharmacologist, General Pharmacologist. Scand Pharmacol Soc, Scand Physiol Soc.

CURRENT WORK INTERESTS: Central noradrenaline, dopamine and 5-hydroxytryptamine mechanisms. Monoamine neuron mapping. Selective drug action (neuroleptics, antidepressant agents, hallucinogens).

MAJOR FIELDS: Mechanism of Action-Physio, Biochem, Pharmacology-in Vivo, Mechanism of Action-Behavioral (Preclinical), Drug Development (Preclinical Screening).

**Anderson, Milton Henry:**Welborn Medcenter; (Director/Psychiatry) 500 S E 4th Street, Evansville, Indiana. 47713 St Marys & Deaconess Hospitals; (Consultant Psychiatrist) Evansville, Indiana. 47715 MD '43.

DISCIPLINES AND ASSOCIATIONS: Electroencephalography, Psychiatrist, Neurologist. Amer Med Assoc, Amer Psychiat Assoc, Central Neuro Psychiat Assoc, Assoc Res Nervous and Mental Disease.

CURRENT WORK INTERESTS: Drugs in psychotic and neurotic patients especially regarding operant behavior.

MAJOR FIELDS: Drug Trials in Schizophrenia, Drug Trials in Miscellaneous Diagnostic Groups, Psychotomimetic Evaluation Studies.

**Angel, Charles:**Veterans Administration Center; (Chief/Research Laboratory) Veterans Administration Center/Psychiatry Service, Biloxi, Mississippi. 39531 Tulane University/Medical School; (Lecturer/Depts Biochem and Psychiat) New Orleans, Louisiana. PhD '54.

DISCIPLINES AND ASSOCIATIONS: Biochemist, Physiologist. Amer Chem Soc, Amer Inst Chem, Amer Assoc Adv Sci, NY Acad Sci.

CURRENT WORK INTERESTS: Effects of behavioral, physiological and chemical stress as factors which interact to alter integrity of brain barrier systems. Study of the effects of steroid hormones and protein synthesis inhibitors on the accumulation of psychotropic agents in the central nervous system tissue.

MAJOR FIELDS: Mechanism of Action-Physio, Biochem, Pharmacology-in Vivo, Mechanism of Action-Physio, Biochem, Pharmacology-in Vitro, Mechanism of Action-Behavioral (Preclinical).

**Angel, Octavio:**Hospital Mental; (Director) Hospital Mental, Bello Antioquia/Colombia, South America. MD '51.

DISCIPLINES AND ASSOCIATIONS: Psychiatrist.

MAJOR FIELDS: Early Clinical Drug Trials-Uncontrolled Studies, Drug Trials in Miscellaneous Diagnostic Groups.

**Anger, Douglas G.:**University of Missouri/Dept of Psychology; (Associate Prof) University of Missouri/Dept of Psychology, Columbia, Missouri. 65201 PhD '55.

DISCIPLINES AND ASSOCIATIONS: Experimental Psychologist. Amer Psychol Assoc, Psychonomic Soc, Eastern Psychol Assoc.

CURRENT WORK INTERESTS: Analysis of the effect on various learned animal behaviors and the effect of various well-known drugs on the central nervous system.

MAJOR FIELDS: Mechanism of Action-Behavioral (Preclinical).

**Angrist, Burton M.:**New York University/Medical Center; (Instructor/Dept Psychiatry) 550 1st Avenue, New York, New York. 10016 MD '62, Soc Biol Psychiat.

CURRENT WORK INTERESTS: Phenomenology of amphetamine psychoses and mechanisms of psychotogenesis; possible relationships to schizophrenia.

MAJOR FIELDS: Drug Trials in Schizophrenia, Psychotomimetic Evaluation Studies, Mechanism of Action-Physio, Biochem, Pharmacology, Toxicology.

**Angst, Jules:**Psychiatric University Clinic/Zurich; (Prof/Director of Research) Lenggstr 31, CH-8008 Zurich, Switzerland. MD '69.

DISCIPLINES AND ASSOCIATIONS: Psychiatrist, Clinical Pharmacologist. Collegium Internationale Neuro-Psychopharmacologicum, Swiss Psychiat Assoc.

CURRENT WORK INTERESTS: Pharmacogenetics. Clinical genetics.

MAJOR FIELDS: Early Clinical Drug Trials-Uncontrolled Studies, Drug Trials in Affective Disorders, Drug Trials in Schizophrenia.

**Anichkov, Sergie Viktorovich:**Institute of Experimental Medicine; (Head/Pharmacological Dept) 69 Kirovski, Leningrad, USSR. MD '24.

DISCIPLINES AND ASSOCIATIONS: Biochemical Pharmacologist, Neurophysiologist. UPhAR, USSR Pharmacol Soc.

CURRENT WORK INTERESTS: Action of neurotropic drugs on endocrine glands and tissue exchange.

MAJOR FIELDS: Chemical Synthesis, Isolation and Characterization, Mechanism of Action-Physio, Biochem, Pharmacology-in Vivo.

**Anokhina, Irina:**Inst of Forensic Psychiatry; (Chief/Lab Psychopharmacology) Kropotkinskyi per 23, Moscow, USSR. MD-DSci, Neurophysiologist, Biochemical Pharmacologist. Collegium Internationale Activitatis Nervosae Superioris, Physiol Soc USSR.

CURRENT WORK INTERESTS: Neurophysiological and neurochemical mechanism of central action of psychotomimetics and other psychotropic drugs. Pathogenesis of psychoses.

MAJOR FIELDS: Mechanism of Action-Physio, Biochem, Pharmacology, Toxicology, Psychotomimetic Evaluation Studies, Mechanism of Action-Physio, Biochem, Pharmacology-in Vivo.

**Ansell, Gordon Brian:** University of Birmingham; (Reader Neurochemistry) University of Birmingham/Medical School/Dept of Pharmacology, Birmingham, England. DSc '64.

DISCIPLINES AND ASSOCIATIONS: Biochemist, Biochemical Pharmacologist. Biochem Soc, Intern Soc Neurochem, Intern Soc Biochem Pharmacol, Brain Res Assoc.

CURRENT WORK INTERESTS: Effect of drugs on brain metabolism particularly that of membrane constituents. Significance of brain amines.

MAJOR FIELDS: Mechanism of Action-Physio, Biochem, Pharmacology in Vitro, Mechanism of Action-Physio, Biochem, Pharmacology in Vivo, Methods Development (Preclinical).

**Anton, Aaron Harold:** Case Western Reserve School of Medicine; (Prof Anesthesiology) Case Western Reserve/School of Medicine/Dept of Anesthesiology, Cleveland, Ohio 44106. PhD '56.

DISCIPLINES AND ASSOCIATIONS: Biochemical Pharmacologist, General Pharmacologist. Amer Soc Pharmacology and Experimental Therapeutics, Amer Med Assoc, Amer Assoc Univ Prof.

CURRENT WORK INTERESTS: Role of biogenic amines in central nervous system and cardiovascular function. Pharmacological significance of the protein binding of drugs.

MAJOR FIELDS: Methods Development (Preclinical), Mechanism of Action-Physio, Biochem, Pharmacology, Toxicology, Methods Development (Clinical).

**Anton-Tay, Fernando:** Universidad Nacional Autónoma de México; (Associate Prof) Instituto de Investigaciones Biomédicas/UNAM/Apdo Postal 70228, México 20 D F, México. Instituto Nacional de Neurología; (Advisor) Amer Physiol Soc, Endocrine Soc, Soc Mex Nutrición y Endocrinología, Soc Mex Cienc Fisiol.

CURRENT WORK INTERESTS: Effect of hormones on brain metabolism (catecholamines).

**Antopol, William:** Beth Israel Medical Center; (Pathologist-in-Chief/Dir Labs and Research) 10 Nathan D Perlman Place, New York, New York. 10003 Mount Sinai School of Medicine; (Prof Pathology) New York, New York. 10029 MD '27.

DISCIPLINES AND ASSOCIATIONS: Pathology, Biochemical Pharmacologist. Soc Experimental Biol and Med, Assoc Amer Pathol and Bacteriol, Biochem Soc Gt Br, Amer Soc Clin Pathol.

CURRENT WORK INTERESTS: Toxicity of drugs. Toxicity of combination of drugs.

MAJOR FIELDS: Toxicology and Side Effects, Methods Development (Preclinical), Drug Development (Preclinical Screening).

**Antun, Raul Segundo:** Centro de Estudios Criminológicos; (Director) 428 Godoy Cruz/Apt 12, Mendoza/Argentina, South America. MD '62.

DISCIPLINES AND ASSOCIATIONS: Criminology, Psychiatrist. Fed Argentina Psiquiat, Circulo Med Mendoza.

CURRENT WORK INTERESTS: Drug trials in schizophrenia. Influence of drugs in the correction of criminal behavior.

MAJOR FIELDS: Drug Trials in Affective Disorders, Mechanism of Action-Physio, Biochem, Pharmacology, Toxicology and Side Effects.

**Anumonye, Amechi:** New Jersey College of Medicine and Dentistry; (Asst Prof and Dir Psychiatry) 65 Bergen Street, Newark, New Jersey. 07107 MD '62.

DISCIPLINES AND ASSOCIATIONS: Psychiatrist, Biochemical Pharmacologist. British Med Assoc, Royal Medico Psychol Assoc, Canadian Psychiat Assoc, Soc Res Drug Addiction, Soc Psychophysiol Res, World Psychiat Assoc.

CURRENT WORK INTERESTS: Behavioral correlations of pharmacotherapeutic agents (especially on affective disorders and affective constitution).

MAJOR FIELDS: Mechanism of Action-Physio, Biochem, Pharmacology in Vivo, Mechanism of Action-Behavioral (Preclinical), Mechanism of Action-Behavioral (Clinical).

**Apelbaum, Jose:** Loyola 173 Dep C, Buenos Aires/Argentina, South America. MD-PhD '55.

DISCIPLINES AND ASSOCIATIONS: Psychiatrist, Neurophysiologist. NY Acad Sci, Royal Soc Med, Argentinian Med Assoc, Argentinian Soc Biol, Argentinian Soc Psychopharmacol.

CURRENT WORK INTERESTS: Manic-depressive psychoses. Desipramine. Biochemical and clinical studies.

MAJOR FIELDS: Drug Trials in Schizophrenia, Drug Trials in Affective Disorders, Mechanism of Action-Physio, Biochem, Pharmacology, Toxicology.

**Appel, James B.:** University of Chicago; (Associate Prof) 5737 S Drexel Avenue, Chicago, Illinois. 60637 PhD '60.

DISCIPLINES AND ASSOCIATIONS: Experimental Psychologist. Amer Assoc Sci, Amer Psychol Assoc, NY Acad Sci, Behavioral Pharmacol Soc.

CURRENT WORK INTERESTS: Behavioral and perceptual effects of hallucinogens. Relationship of these effects to brain biochemistry and physiology. Behavioral determinants of drug effects.

MAJOR FIELDS: Mechanism of Action-Behavioral (Preclinical), Mechanism of Action-Physio, Biochem, Pharmacology in Vivo, Mechanism of Action-Behavioral (Clinical).

**Appleton, Harold Donald:** New York Medical College/Metropolitan Hospital Ctr; (Dir/Dept Clin Biochem) 1901 First Avenue, New York, New York. 10029 New York Medical College; (Assistant Prof Biochemistry and Pathology) New York, New York. 10029 MS '48.

DISCIPLINES AND ASSOCIATIONS: Biochemist, Toxicologist. Amer Chem Soc, Amer Inst Chem, Diplomate Amer Board Cl, NY Acad Sci, Amer Assoc Adv Sci.

CURRENT WORK INTERESTS: Method development for drugs and metabolites. Relationship of drugs to alterations of the normal clinical multiphasic screening procedures.

MAJOR FIELDS: Methods Development (Preclinical), Mechanism of Action-Physio, Biochem, Pharmacology, Toxicology, Methods Development (Clinical).

## Aprison

**Aprison, Morris Herman:** Indiana Univ Med Ctr/Inst Psychiatric Res; (Chief Section Neurobiology) Indiana Univ Med Ctr/Inst of Psychiatric Research, Indianapolis, Indiana. 46202 Indiana Univ Med Ctr/Depts Psychiatry and Biochemistry; (Prof Biochemistry) Indianapolis, Indiana. 46202 PhD '52.

**DISCIPLINES AND ASSOCIATIONS:** Neurochemistry, Biochemist. Amer Physiol Soc, Intern Soc Neurochem, Amer Soc Neurochem, Biol Psychiat Soc, Intern Brain Res Org, Soc Neurosci, Soc Biol and Med.

**CURRENT WORK INTERESTS:** Identification of neurochemical correlates of behavior, neurotransmitters and mechanisms involved in synaptic activity. Neurochemical, neurophysiological and neuropharmacological approach to the study of normal and abnormal behaviors in animals.

**MAJOR FIELDS:** Mechanism of Action-Physio, Biochem, Pharmacology, Mechanism of Action-Behavioral (Preclinical).

**Arafah, Mehadin K.:** Connecticut Valley Hospital; (Superintendent) Box 351, Middletown, Connecticut. 06457 MD '55.

**DISCIPLINES AND ASSOCIATIONS:** Psychiatrist. Amer Psychiat Assoc.

**MAJOR FIELDS:** Drug Trials in Schizophrenia.

**Arana, Jose D.:** University of Maryland/ The Psychiatric Institute; (Resident) 3402 Harford Road, Baltimore, Maryland. 21218 MD '67.

**DISCIPLINES AND ASSOCIATIONS:** Psychiatrist. Soc Peruana Psiquiat.

**CURRENT WORK INTERESTS:** Sociopharmacologic action of psychotropic drugs. Sociological factors in drug therapy. Lithium in unipolar depressions.

**MAJOR FIELDS:** Sociopharmacology, Mechanism of Action-Behavioral (Clinical), Drug Trials in Affective Disorders.

**Arbit, Jack:** Northwestern University/Med Sch; (Assoc Prof/Dir Grad Educ/Dept Psychiat) 303 E Chicago Avenue, Chicago, Illinois. 60611 Chicago Wesley Memorial Hospital; (Associate Staff) Chicago, Illinois 60611. PhD '55.

**DISCIPLINES AND ASSOCIATIONS:** Clinical Psychologist, Experimental Psychologist. Amer Psychol Assoc, Midwestern Psychol Assoc, Illinois Psychol Assoc, Amer Assoc Univ Prof.

**CURRENT WORK INTERESTS:** Psychotomimetic drug effects.

**MAJOR FIELDS:** Psychotomimetic Evaluation Studies, Mechanism of Action-Behavioral (Clinical), Mechanism of Action-Physio, Biochem, Pharmacology, Toxicology.

**Arbo, Jens Christian:** Roenvik Mental Hospital; (Chief Psychiatrist and Hospital Administrator) Box 340, 8001 Bodoe, Norway. MD '50.

**DISCIPLINES AND ASSOCIATIONS:** Administrative Psychiatry, Psychiatrist. Norwegian Med Assoc, Norwegian Psychiat Assoc, Scandinavian Psychopharmacol Soc.

**MAJOR FIELDS:** Early Clinical Drug Trials-Uncontrolled Studies, Drug Trials in Schizophrenia, Drug Trials in Affective Disorders.

**Arengo, Alberto Daniel:** Falkirk Hospital; (Assistant Director and Chairman/Research Committee) Falkirk Hospital, Central Valley, New York. 10917 MD '49.

**DISCIPLINES AND ASSOCIATIONS:** Psychiatrist, Clinical Pharmacologist. Med Soc State of NY, Amer Med Assoc, Amer Psychiat Assoc, Amer Assoc Adv Sci.

**CURRENT WORK INTERESTS:** Clinical effects of antianxiety drugs. Clinical effects of antidepressant drugs.

**MAJOR FIELDS:** Drug Trials in Miscellaneous Diagnostic Groups, Drug Trials in Neuroses, Drug Trials in Affective Disorders.

**Arima, James K.:** Naval Postgraduate School; (Associate Prof) 3315 Martin Road, Carmel, California 93921. California Dept. Vocational Rehabilitation; (Contract Psychologist) Salinas, California. PhD '62.

**DISCIPLINES AND ASSOCIATIONS:** Experimental Psychologist. Clinical Psychologist. Amer Psychol Assoc, Intern Neuropsychol Assoc, Amer Assoc Adv Sci, Human Factors Soc, Operations Res Soc Amer.

**CURRENT WORK INTERESTS:** Human performance capabilities, modification, enhancement. Neuropsychological substrates of behavior/human performance. Simulation of human states, induction of particular states by pharmacological agents.

**MAJOR FIELDS:** Mechanism of Action-Behavioral (Preclinical), Methods Development (Preclinical).

**Armiger, Sister Bernadette:** Niagara University; (Dean/College of Nursing) 2157 Main Street, Buffalo, New York. 14214 PhD '68.

**DISCIPLINES AND ASSOCIATIONS:** School Psychology, Nurse. Amer Psychol Assoc, Amer Nurses' Assoc, Nat League Nursing, Amer Assoc Univ Prof.

**CURRENT WORK INTERESTS:** Pain perception and response to muscle relaxants.

**MAJOR FIELDS:** Mechanism of Action-Behavioral (Preclinical), Methods Development (Preclinical).

**Arneson, Genevieve A.:** West Jefferson Mental Health Center; (Medical Director) 1901 1/2 8th Street, Gretna, Louisiana. 70053 Louisiana State University/Medical School; (Clinical Associate Prof) New Orleans, Louisiana. 70112 MD '53.

**DISCIPLINES AND ASSOCIATIONS:** Psychiatrist. Amer Med Assoc, Louisiana Med Soc, Amer Psychiat Assoc, Louisiana Psychiat Assoc, Soc Biol Psychiat.

**CURRENT WORK INTERESTS:** Chromosome studies of autistic children. Affect thioridazine on rate mitosis in mongoloid children.

**MAJOR FIELDS:** Mechanism of Action-Physio, Biochem, Pharmacology, Mechanism of Action-Physio, Biochem, Pharmacology, Toxicology.

**Arnold, Otto Hans:** University of Vienna/Psychiatric Clinic; (Prof Neuro-Psychiatry) 21 Stiftgasse, 1070 Vienna, Austria. MD '62.

**DISCIPLINES AND ASSOCIATIONS:** Psychiatrist, Neurologist. Collegium Internationale Neuro-Psychopharmacologicum, World Psychiat Assoc, Soc Biol Psychiat, Austrian Neuro-Psychiat Assoc.

**CURRENT WORK INTERESTS:** Biochemistry of schizophrenia. Neuroleptics. Tryptamines.

**MAJOR FIELDS:** Drug Trials in Schizophrenia, Early Clinical Drug Trials-Uncontrolled Studies, Psychotomimetic Evaluation Studies.

**Aron, Myrtle L.:**University of the Witwatersrand/Speech Pathology; (Senior Lecturer) University of the Witwatersrand/Jan Smuts Avenue, Johannesburg, South Africa. PhD '64.

**DISCIPLINES AND ASSOCIATIONS:** Speech Pathology. Amer Speech & Hearing Assoc, South African Logopedic Soc, Registered South African Med and Dental Council.

**CURRENT WORK INTERESTS:** Application of pharmacological agents on stuttering behavior and neurological considerations via such agents regarding acquired speech and language disturbances.

**MAJOR FIELDS:** Mechanism of Action-Behavioral (Preclinical), Mechanism of Action-Behavioral (Clinical), Mechanism of Action-Physio, Biochem, Pharmacology, Toxicology.

**Aronson, Harriet Aronson:**Temple University/Health Sciences; (Associate Prof) Health Sciences Center/Dept of Psychiatry/Broad & Tioga Streets, Philadelphia, Pennsylvania. 19140 PhD '57.

**DISCIPLINES AND ASSOCIATIONS:** Clinical Psychologist. Amer Psychol Assoc, Eastern Psychol Assoc, Pennsylvania Psychol Assoc.

**CURRENT WORK INTERESTS:** Pharmacological factors of affective states. Personality correlates of self-prescribed chemical ingestors.

**Aronson, Lester R.:**American Museum of Natural History; (Chairman and Curator) Central Park West at 79th Street, New York, New York. 10024 The City University of New York; (Adjunct Prof Biology) New York, New York. PhD '42,

**DISCIPLINES AND ASSOCIATIONS:** Experimental Psychologist, Biologist. Amer Assoc Adv Sci, Amer Inst Biol Sci, NY Acad Sci, Animal Behavior Soc, Ecol Soc Amer-

**CURRENT WORK INTERESTS:** Behavioral effects of drugs in lower vertebrates.

**MAJOR FIELDS:** Mechanism of Action-Behavioral (Preclinical).

**Arruda, Elso:**Psychology Institute-U F R J; (Director and Head Prof) Apt 701/No 542 Rua Gustavo Sampaio/Leme, Rio de Janeiro/Guanabara/Brazil, South America. College of Medicine-U F R J; (Private Docent Psychiatry) Rio de Janeiro/Brazil, South America. Prof '69.

**DISCIPLINES AND ASSOCIATIONS:** Criminology, Psychiatrist, Experimental Psychologist. Soc Brazil Psiquiat, Neur e H Mental Assoc, Psiquiatria Brazil, Soc Brazil Psicol Aplicada, Soc Intern Criminol, Assoc Latino-Amer Med Psicol.

**CURRENT WORK INTERESTS:** Chlordiazepoxide treatment. Imipramine treatment.

**Asada, Shigeya:**Hiroshima University/School of Medicine; (Associate Prof) Kasumi-cho, Hiroshima, Japan. MD '51,

**DISCIPLINES AND ASSOCIATIONS:** Psychiatrist, Neurologist. Nippon Seishin Shinkei Gakkai, Japanese Soc Psychosomatic Med, Japan Psychoanal Assoc.

**CURRENT WORK INTERESTS:** Research in psychoses. Extrapyramidal symptoms.

**MAJOR FIELDS:** Drug Trials in Schizophrenia, Drug Trials in Affective Disorders, Drug Trials in Neuroses.

**Asekoff, Myer:**Metropolitan State Hospital; (Director/Psychiatry) 475 Trapelo Road, Waltham, Massachusetts. 02154 MD '29.

**DISCIPLINES AND ASSOCIATIONS:** Psychiatrist, Neurologist. New England Psychiat Soc, Mass Med Assoc, Amer Psychiat Assoc-

**CURRENT WORK INTERESTS:** Clinical trials of psychotropic drugs, phenothiazines and antidepressants. Effects of remotivation and operant conditioning techniques in chronically mentally ill patients.

**Askar, Abd-el-Aziz Mohamed:**Cairo University/Faculty of Medicine; (Prof Psychiatry) 1 Sh Cherifein, Abdin/Cairo/United Arab Republic, Africa. Cairo University Hospitals; (Chief/Psychiatry Dept) Cairo/United Arab Republic, Africa. MRCP '36.

**DISCIPLINES AND ASSOCIATIONS:** Psychiatrist. Egypt Med Assoc, British Psychol Soc, Royal Medico Psychol Assoc.

**CURRENT WORK INTERESTS:** Comparing effect of psychotropic drugs with that of ECT. Treatment of anxiety states with oxazepam (Wyeth). Assessing effect of psychotropic drugs on the MMPI scale.

**MAJOR FIELDS:** Drug Trials in Schizophrenia, Drug Trials in Affective Disorders, Drug Trials in Neuroses.

**Assue, Clare Melba:**La Rue D Carter Hospital; (Staff Psychiatrist) 1315 W 10 Street, Indianapolis, Indiana. 46202 Indiana University/School Medicine/Dept Psychiatry; (Associate Prof) Indianapolis, Indiana. 46202 MD '54.

**DISCIPLINES AND ASSOCIATIONS:** Psychiatrist. Amer Psychiat Assoc, Amer Med Assoc.

**Aston, Roy:**Wayne State Univ/School of Medicine; (Assistant Prof Anesthesiology) 550 East Canfield, Detroit, Michigan. 48201 Wayne State Univ/School of Medicine; (Associate Physiol & Pharmacol) Detroit, Michigan 48101. PhD '58.

**DISCIPLINES AND ASSOCIATIONS:** General Pharmacologist. Pharmacol Soc Canada, Amer Soc Pharmacology and Experimental Therapeutics, Soc Toxicol, Soc Experimental Biol and Med.

**CURRENT WORK INTERESTS:** Pharmacodynamics of central nervous system drug interactions particularly autotolerance and cross system tolerance.

**MAJOR FIELDS:** Mechanism of Action-Physio, Biochem, Pharmacology-in Vivo, Mechanism of Action-Behavioral (Preclinical), Toxicology and Side Effects.

**Astrup, Christian:**Gaustad Hospital; (Assistant Superintendent) Box 68 Vinderen, Oslo 3, Norway. MD '47.

**DISCIPLINES AND ASSOCIATIONS:** Psychophysiology, Psychiatrist. World Psychiat Assoc, Collegium Internationale Activitatis Nervosae Superioris, Soc Biol Psychiat.

**CURRENT WORK INTERESTS:** Psychophysiology and long-time prognosis of functional psychoses with special reference to effects of psychotropic drugs.

**MAJOR FIELDS:** Mechanism of Action-Behavioral (Clinical), Sociopharmacology, Early Clinical Drug Trials-Uncontrolled Studies.

**Avila-Giron, Ramon:**Universidad Del Zulia; (Associate Prof Psychiatry) Calle 67B No 8B-55, Maracaibo/Venezuela, South America. MD '59,



## Ayd

DISCIPLINES AND ASSOCIATIONS: Psychiatrist. Soc Venezolana Psiquiat, APAL, RMA, World Psychiat Assoc.

MAJOR FIELDS: Drug Trials in Schizophrenia, Drug Trials in Affective Disorders, Drug Trials in Miscellaneous Diagnostic Groups.

**Ayd, Frank Joseph, Jr.:** 912, West Lake Avenue, Baltimore, Maryland. 21210 MD '45.

DISCIPLINES AND ASSOCIATIONS: Psychiatrist. Amer Med Assoc, Amer Psychiat Assoc, Amer Coll Neuropsychopharmacology-

CURRENT WORK INTERESTS: Clinical evaluation of neuropsychopharmaceuticals.

MAJOR FIELDS: Toxicology and Side Effects, Drug Trials in Schizophrenia, Drug Trials in Affective Disorders.

**Baastrup, Poul Christian:** Statshospitalet i Glostrup; (Overlaege) Statshospitalet, Glostrup, Denmark. MD '47,

DISCIPLINES AND ASSOCIATIONS: Psychiatrist. Dansk Psykiat Selskab.

CURRENT WORK INTERESTS: Treatment of manic-depressive psychoses with lithium.

MAJOR FIELDS: Drug Trials in Affective Disorders, Drug Trials in Miscellaneous Diagnostic Groups, Mechanism of Action-Physio, Biochem, Pharmacology, Toxicology.

**Babcock, George, Jr.:** Ives Laboratories Inc; (Vice President/Scientific Affairs) 685 Third Avenue, New York, New York 10017. MD.

DISCIPLINES AND ASSOCIATIONS: Research Director. Amer Coll Allergists, Amer Acad Allergy.

CURRENT WORK INTERESTS: Clinical pharmacology and clinical research of psychopharmaceutical agents ie Surmontil (trimipramine).

MAJOR FIELDS: Toxicology and Side Effects, Early Clinical Drug Trials-Uncontrolled Studies, Drug Trials in Miscellaneous Diagnostic Groups.

**Bachelor, Herman Stanton:** Institute of Psychiatry; (Senior Lecturer Biochemistry) Institute of Psychiatry/De Crespigny Park/Denmark Hill, London S E 5, England. PhD '61,

DISCIPLINES AND ASSOCIATIONS: Biochemist, Physical Chemist, Biochem Soc, British Biophysiol Soc, Intern Soc Neurochem.

CURRENT WORK INTERESTS: Effect of convulsant and anticonvulsant drugs on brain carbohydrate and energy metabolism.

MAJOR FIELDS: Mechanism of Action-Physio, Biochem, Pharmacology-in Vitro, Mechanism of Action-Physio, Biochem, Pharmacology-in Vivo.

**Badal, Daniel Walter:** Case Western Reserve University/Medical School; (Assistant Clinical Prof) 11328 Euclid Avenue, Cleveland, Ohio. 44106 MD '37.

DISCIPLINES AND ASSOCIATIONS: Psychiatrist. Amer Psychiat Assoc, Assoc Res Nervous and Mental Disease, Amer Med Assoc, Amer Psychoanal Assoc.

MAJOR FIELDS: Early Clinical Drug Trials-Uncontrolled Studies, Drug Trials in Schizophrenia, Drug Trials in Affective Disorders.

**Badia, Pietro:** Bowling Green University; (Prof Psychology) Bowling Green University/Dept Psychology, Bowling Green, Ohio 43402. PhD '62.

DISCIPLINES AND ASSOCIATIONS: Experimental Psychologist. Amer Psychol Assoc, Amer Assoc Adv Sci, Amer Assoc Univ Prof, Psychonomic Soc, Midwestern Psychol Assoc, Eastern Psychol Assoc.

CURRENT WORK INTERESTS: Behavioral research on humans and animals. Behavioral effects of psychotropic drugs in stressful situations.

MAJOR FIELDS: Mechanism of Action-Behavioral (Preclinical), Mechanism of Action-Behavioral (Clinical).

**Bagchi, Sakti Prasad:** Dept of Public Health; (Research Biochemist) University Hospital/Psychiatric Research Unit, Saskatoon/Saskatchewan, Canada. PhD '59.

DISCIPLINES AND ASSOCIATIONS: Biochemical Pharmacologist, Biochemist. Amer Assoc Adv Sci, Canadian Biochem Soc, Canadian Inst Chem.

CURRENT WORK INTERESTS: Mechanism of biogenic amine formation. Effect of psychotropic drugs on this process.

MAJOR FIELDS: Mechanism of Action-Physio, Biochem, Pharmacology-in Vitro, Mechanism of Action-Physio, Biochem, Pharmacology-in Vivo.

**Bagdon, Robert Edward:** Sandoz Inc; (Head/Toxicology Unit) Route 10, Hanover, New Jersey. 07036 PhD '55.

DISCIPLINES AND ASSOCIATIONS: Toxicologist, Biochemical Pharmacologist. Amer Soc Pharmacology and Experimental Therapeutics, Soc Toxicol, NY Acad Sci, Environmental Mutagen Soc.

CURRENT WORK INTERESTS: Toxicology of psychotropic drugs in animals. Mechanisms of action of drugs. Drug development. Neonatal toxicity studies in animals.

MAJOR FIELDS: Toxicology and Side Effects, Drug Development (Preclinical Screening), Mechanism of Action-Physio, Biochem, Pharmacology-in Vivo.

**Bajgar, Jiri Milan:** Purkyne Medical Research Institute; (Research Assistant) 789 Dukelska or Simkova 878, Hradeckralove, Czechoslovakia. MD '67.

DISCIPLINES AND ASSOCIATIONS: Biochemical Pharmacologist, Biochemist. Czech Biochem Soc, Czech J E Purkyne.

CURRENT WORK INTERESTS: Changes of enzyme activities in some intoxications (especially acetylcholinesterase-organophosphates, carbonates). Binding of drugs to non-specific proteins.

MAJOR FIELDS: Mechanism of Action-Physio, Biochem, Pharmacology-in Vitro, Mechanism of Action-Physio, Biochem, Pharmacology-in Vivo, Toxicology and Side Effects.

**Bajic, Mihailo:** Neurophysiological Lab/Dept of Physiology/Faculty of Medicine; Neurophysiological Lab/Dept of Physiology/Faculty of Med, Novi Sad, Yugoslavia. DSci '70.

DISCIPLINES AND ASSOCIATIONS: Neurophysiologist. Assoc Physiol Yugoslavia.

CURRENT WORK INTERESTS: Cortico-subcortical relations in conditioned reflex activity of organisms. Role of the reticular formation in formation of conditioned reflexes of

various biological modalities and the analysis of internal inhibition. Neurochemical heterogeneity of the synaptic organization of the subcortex during conditioned reflex activity and the effect of neurotropic drugs.

MAJOR FIELDS: Mechanism of Action-Behavioral (Preclinical), Mechanism of Action-Physio, Biochem, Pharmacology-in Vivo, Methods Development (Preclinical).

**Baker, David:**Elwyn Institute; (Director/Research and Evaluation Center) Elwyn Institute, Media, Pennsylvania 19063. MD '51.

DISCIPLINES AND ASSOCIATIONS: Pediatric Neurology, Pediatrician, Neurologist. Amer Acad Pediatrics, Amer Acad Mental Deficiency.

CURRENT WORK INTERESTS: Behavioral effects of drugs in brain-injured children.

MAJOR FIELDS: Mechanism of Action- Behavioral (Preclinical), Drug Trials in Miscellaneous Diagnostic Groups, Mechanism of Action-Behavioral (Clinical).

**Baker, Max Alden:**National Institute of Mental Health/Lab Clin Sci; (Clinical Assoc) 5519 Northfield Road, Bethesda, Maryland. 20034 MD '66.

DISCIPLINES AND ASSOCIATIONS: Psychiatrist.

CURRENT WORK INTERESTS: Biochemical changes (norepinephrine, dopamine, serotonin) in affective disorder.

MAJOR FIELDS: Drug Trials in Affective Disorders, Mechanism of Action-Behavioral (Clinical), Methods Development (Clinical).

**Baker, Walter W.:**Eastern Pennsylvania Psychiatric Institute; (Director Neuropharmacology) Henry Avenue and Abbottsford Road, Philadelphia, Pennsylvania. 19129 Thomas Jefferson University/School Medicine; (Prof Neuropharmacology) Philadelphia, Pennsylvania. 19107. PhD.

DISCIPLINES AND ASSOCIATIONS: Neuropharmacology. Amer Soc Pharmacology and Experimental Therapeutics, Amer Acad Neurol, Eastern Assoc Electroencephalography, Soc Experimental Biol and Med, Amer Assoc Adv Sci, Physiol Soc Philadelphia, Assoc Res Nervous and Mental Disease, Soc Biol Psychiat.

CURRENT WORK INTERESTS: Neuropharmacologic studies of local brain mechanisms (especially neurotransmitters) and their neuroregulatory roles in the functioning of the caudate nucleus and hippocampus and their modification by psychoactive drugs..

MAJOR FIELDS: Mechanism of Action-Behavioral (Preclinical).

**Bakker, Cornelis B.:**University of Washington/Dept of Psychiatry; (Acting Chairman) University of Washington/Dept of Psychiatry, Seattle, Washington. 98105 MD '52,

DISCIPLINES AND ASSOCIATIONS: Psychiatrist. Amer Psychiat Assoc, Amer Coll Psychiat.

CURRENT WORK INTERESTS: Effect of mental set (social as well as attitude which may influence the patient's perception) on drug responses.

MAJOR FIELDS: Psychotomimetic Evaluation Studies, Mechanism of Action-Behavioral (Clinical), Sociopharmacology.

**Balan, George:**Spitalul 'SOCOLA'; (Psychiatrist) Soseaus Bucium 36, IASI, Romania, MD.

DISCIPLINES AND ASSOCIATIONS: Psychiatrist.

CURRENT WORK INTERESTS: Biochemical and clinical action of lithium in affective disorders. Manic-depressive psychoses; lithium; treatment; biochemical action.

MAJOR FIELDS: Drug Trials in Affective Disorders, Mechanism of Action-Physio, Biochem, Pharmacology-in Vivo, Mechanism of Action-Physio, Biochem, Pharmacology, Toxicology.

**Balestrieri, Antonio:**University of Padova; (Director/Clinica Psichiatrica) Centro Ospedaliero Clinicizzato Borgo Roma, Verona, Italy. MD '50.

DISCIPLINES AND ASSOCIATIONS: Ethology, Psychiatrist. Collegium Internationale Neuro-Psychopharmacologicum, Soc Ital Psychiat, Soc Ital EEG, Soc Ital Neuropsicofarmacol, Soc. Mediterranea Psichiat-

MAJOR FIELDS: Mechanism of Action-Behavioral (Preclinical), Drug Trials in Miscellaneous Diagnostic Groups, Mechanism of Action-Behavioral (Clinical).

**Balint, Gabor Alexander:**Attila-Jozsef-University Szeged/Institute of Animal Physiol; (Sr Lecturer) Tancsics-M-u2, Szeged, Hungary. Szeged Out-Patients Hospital; (Consultant/Clinical Lab Investigation) Szeged, Hungary. MD '60.

DISCIPLINES AND ASSOCIATIONS: General Pharmacologist, Toxicologist. Hung Physiol Soc, Hung Pharmacol Soc, Hung Soc Clin Lab Invest, Eur Soc Clin Invest, Intern Soc Toxicol.

CURRENT WORK INTERESTS: Pharmacology and physiology of psychopharmaca; correlations between blood pressure reflexes and psychopharmaca used. Correlations between effects and chemical structure. Investigations in non-anesthetized animals.

MAJOR FIELDS: Drug Development (Preclinical Screening), Mechanism of Action-Physio, Biochem, Pharmacology-in Vivo, Mechanism of Action-Behavioral (Preclinical).

**Ball, James Richard Baldwin:**Institute of Mental Health Research; (Director) 35 Poplar Road, Parkville/Victoria, Australia. University of Melbourne/Dept of Psychiatry; (Senior Associate) Parkville/Victoria, Australia. MD '65.

DISCIPLINES AND ASSOCIATIONS: Psychiatrist. Australian and New Zealand Coll Psychiat, Australian Med Assoc-

MAJOR FIELDS: Drug Trials in Schizophrenia, Drug Trials in Affective Disorders, Drug Trials in Neuroses.

**Ballus, Carlos:**University Barcelona/Dept Psychology; (Prof of Psychophysiology) Plaza de la Universidad, Barcelona, Spain. Hospital Clinico/Dept de Psicomatica; Barcelona, Spain. MD '58.

DISCIPLINES AND ASSOCIATIONS: Experimental Psychologist, Psychiatrist. Soc Exp Psiquiat, Assoc Exp Neuropsiquiat, Assoc Mediterranea Psiquiat, Assoc Soc Posturography.

CURRENT WORK INTERESTS: Clinical trials with psychotropic drugs; psychophysiological control methods in psychopharmacology. Control methods of posturology and tremor; drug evaluation. Psychosomatic correlations.



## Balog

MAJOR FIELDS: Methods Development (Clinical), Drug Trials in Affective Disorders, Drug Trials in Neuroses.

**Balog, John F.:** Private Practice; 201 S Lake/Ste 407, Pasadena, California. 91101 MD '62.

DISCIPLINES AND ASSOCIATIONS: Psychiatrist. Amer Med Assoc, Amer Psychiat Assoc.

MAJOR FIELDS: Drug Trials in Affective Disorders, Drug Trials in Neuroses, Drug Trials in Schizophrenia.

**Balter, Mitchell B.:** Nat Inst Mental Health/Psychopharmacol Res Br; (Chief/Spec Studies Sect) 5600 Fishers Lane, Rockville, Maryland 20852. PhD '59.

DISCIPLINES AND ASSOCIATIONS: Social Psychologist. Amer Psychol Assoc, Amer Assoc Adv Sci.

CURRENT WORK INTERESTS: Patterns of drug prescribing among physicians in the various medical specialties, and patterns and correlates of drug acquisition and use among individuals in the general population..

MAJOR FIELDS: Sociopharmacology, Drug Trails in Miscellaneous Diagnostic Groups, Methods Development (Clinical).

**Ban, Thomas Arthur:** Douglas Hospital; (Associate Director Research) 6875 LaSalle Blvd/Verdun, Montreal 204/Quebec, Canada. McGill University; (Assistant Prof Psychiatry) Montreal/Quebec, Canada. MD '54.

DISCIPLINES AND ASSOCIATIONS: Psychiatrist, Clinical Pharmacologist. Collegium Internationale Neuro-Psychopharmacologicum, Amer Coll Neuropsychopharmacology, Collegium Internationale Activitatis Superioris, Amer Psychiat Assoc, Canadian Psychiat Assoc.

CURRENT WORK INTERESTS: Psychopharmacologically based classification of psychiatric patients.

MAJOR FIELDS: Early Clinical Drug Trials-Uncontrolled Studies, Drug Trials in Schizophrenia, Mechanism of Action-Behavioral (Clinical).

**Ban, Yoshio:** Hokkaido University; (Prof/Dean) Hokkaido University/Faculty of Pharmaceutical Sciences, N 12 W 6 Sapporo, Japan. PhD.

DISCIPLINES AND ASSOCIATIONS: Organic Chemist, Medicinal Chemist. Pharmaceut Soc Japan, Chem Soc Japan, Chem Soc London, Soc Chem Industry, Intern Soc Heterocyclic Chem.

CURRENT WORK INTERESTS: Psychotomimetic studies on indole alkaloids involving the synthesis of rauwolfia, corynanthe, strychnos, aspidosperma and iboga alkaloids.

MAJOR FIELDS: Chemical Synthesis, Isolation and Characterization, Psychotomimetic Evaluation Studies, Mechanism of Action-Physio, Biochem, Pharmacology, Toxicology.

**Banen, David Merton:** Cushing State Hospital; (Superintendent) Cushing State Hospital, Framingham, Massachusetts. 01701 MD '30.

DISCIPLINES AND ASSOCIATIONS: Psychiatrist. Amer Psychiat Assoc, Amer Med Assoc, Northeastern Soc Gerontol Psychiat, Massachusetts Med Soc, Northeastern Soc Neurol and Psychiat.

CURRENT WORK INTERESTS: Studies with Hydergene (Sandoz), BC 105 (Sandoz), WY 4036 (Wyeth) and Modane (Warren-Teed). Drug trials in geriatric patients.

MAJOR FIELDS: Mechanism of Action-Physio, Biochem, Pharmacology-in Vivo, Toxicology and Side Effects, Drug Trials in Miscellaneous Diagnostic Groups.

**Banik, Sambhu Nath:** University Hospital; (Director) University Hospital/Psychological Services, Saskatoon/Saskatchewan, Canada. University of Saskatchewan; (Assistant Prof) Saskatoon/Saskatchewan, Canada. PhD '64.

DISCIPLINES AND ASSOCIATIONS: Clinical Psychologist, Social Psychologist. Amer Psychol Assoc, World Fed Mental Health, Intern Council Psychol.

CURRENT WORK INTERESTS: Psychological changes under the therapeutic use of LSD with different types of patients.

MAJOR FIELDS: Mechanism of Action-Behavioral (Clinical), Sociopharmacology.

**Bankier, Robert Gordon:** Hospital for Mental Diseases; (Director/Research) Box 9600, Selkirk/Manitoba, Canada. University of Manitoba; (Associate Prof) Manitoba, Canada. MD '49.

DISCIPLINES AND ASSOCIATIONS: Electroencephalography, Psychiatrist. Canadian Med Assoc, Canadian Psychiat Assoc, Amer Psychol Assoc, Royal Medico Psychol Assoc, Canadian Soc EEG.

CURRENT WORK INTERESTS: Antipsychotic drugs. EEG (in drug clinical states.)

MAJOR FIELDS: Drug Trials in Schizophrenia, Drug Trials in Affective Disorders, Drug Trials in Miscellaneous Diagnostic Groups.

**Banner, Edward Raymond:** St Andrews Hospital; (Psychiatric Specialist) St Andrews Hospital/Billing Road, Northampton/NN1 5DG, England. MB-ChB '43.

DISCIPLINES AND ASSOCIATIONS: Psychiatrist. Royal Medico Psychol Assoc, Royal Soc Med.

CURRENT WORK INTERESTS: Classification of psychoactive substances, based on structure mechanism of action and clinical use.

MAJOR FIELDS: Mechanism of Action-Physio, Biochem, Pharmacology, Toxicology, Mechanism of Action-Behavioral (Clinical).

**Barahona-Fernandes, H. J.:** Psychiatric University Clinic; (Prof) Avenida Brazil 53-B-1, Lisbon, Portugal. MD.

DISCIPLINES AND ASSOCIATIONS: Psychiatrist. Amer Psychiat Assoc, Medico Psychol Assoc London, Acad Ciencias Lisbon.

CURRENT WORK INTERESTS: Pharmacopsychodynamics. Pharmacopsychotherapy.

MAJOR FIELDS: Mechanism of Action-Behavioral (Clinical).

**Barber, Theodore Xenophon:** Medfield State Hospital; (Director/Psychological Research) Medfield State Hospital/Route 27, Medfield, Massachusetts 02042. PhD '56.

DISCIPLINES AND ASSOCIATIONS: Experimental Psychologist. Amer Psychol Assoc.

**CURRENT WORK INTERESTS:** Mechanism of action, behavioral, of lysergic acid diethylamide (LSD), amphetamines, and barbiturates.

**MAJOR FIELDS:** Mechanism of Action-Behavioral (Clinical), Mechanism of Action-Physio, Biochem, Pharmaco, Toxic, Sociopharmacology.

**Barchas, Jack David:**Stanford Medical School/Dept of Psychiatry; (Assistant Prof) Stanford Medical School/Dept of Psychiatry, Stanford, California. 94305 MD '61.

**DISCIPLINES AND ASSOCIATIONS:** Behavioral Neurochemistry, Psychiatrist. Amer Soc Neurochem, Amer Psychosomatic Soc, Soc Biol Psychiat, Psychiat Res Soc, Amer Psychiat Assoc.

**CURRENT WORK INTERESTS:** Investigation of the relation of biochemical changes involving neuroregulatory agents (e.g. transmitters in the central nervous system such as serotonin, norepinephrine, and epinephrine) to behavioral and physiological states.

**MAJOR FIELDS:** Drug Development (Preclinical Screening), Mechanism of Action-Physio, Biochem, Pharmaco-in Vivo, Mechanism of Action-Physio, Biochem, Pharmaco, Toxic.

**Barendregt, Johan:**University of Amsterdam/Dept Clinical Psychology; (Prof) 2 Const Huygensstr 34, Amsterdam, Holland. PhD '54.

**DISCIPLINES AND ASSOCIATIONS:** Clinical Psychologist, Experimental Psychologist. Netherlands Soc Psychol, Netherlands Soc Clin Psychol, Netherlands Soc Res Psychol.

**CURRENT WORK INTERESTS:** Phobia project.

**MAJOR FIELDS:** Drug Trials in Affective Disorders, Drug Trials in Neuroses, Psychotomimetic Evaluation Studies.

**Barker, Louis A.:**Inst Bas Res Ment Retard Neurochem; 1050 Forest Hill Road, Staten Island, New York. 10314 PhD '69.

**DISCIPLINES AND ASSOCIATIONS:** Neurochemistry, Biochemical Pharmacologist. Amer Assoc Adv Sci, NY Acad Sci.

**CURRENT WORK INTERESTS:** Effect of drugs on acetylcholine (ACh) metabolism in brain and the biochemical mechanisms of ACh storage and release.

**MAJOR FIELDS:** Mechanism of Action-Physio, Biochem, Pharmaco-in Vivo, Mechanism of Action-Physio, Biochem, Pharmaco-in Vitro.

**Barker, Maurice J.:**York University; (Lecturer) York University/Behavioral Science Bldg, Downsview/Ontario, Canada. Queen St Mental Health Center; (Psychologist) Toronto/Ontario, Canada. MA '69.

**DISCIPLINES AND ASSOCIATIONS:** Neuropsychology, Clinical Psychologist. Canadian Psychol Assoc, Ontario Psychol Assoc.

**CURRENT WORK INTERESTS:** Psychopharmacology and verbal psychotherapy in a hospital setting.

**MAJOR FIELDS:** Psychotomimetic Evaluation Studies, Mechanism of Action-Behavioral (Clinical), Sociopharmacology.

**Barker, Philip Alan:**Birmingham Regional Hospital Board; (Consultant Child Psychiatrist) Charles Burns Clinic/Queens Bridge Road, Birmingham 13, England. University of

Birmingham; (Clinical Tutor in Child Psychiatry) Birmingham 15, England. MB '53.

**DISCIPLINES AND ASSOCIATIONS:** Psychiatrist. Royal Soc Med, Royal Coll Physicians Edinburgh, Royal Medico Psychol Assoc.

**CURRENT WORK INTERESTS:** Research into the effects of antidepressant drugs in childhood emotional disorders.

**MAJOR FIELDS:** Drug Trials in Affective Disorders, Methods Development (Clinical), Drug Trials in Miscellaneous Diagnostic Groups.

**Barnett, Allen:**Schering Pharmaceutical Corp; (Group Leader Neuropharmacology) Orange Street, Bloomfield, New Jersey. 07003 PhD '65.

**DISCIPLINES AND ASSOCIATIONS:** General Pharmacologist. Amer Soc Pharmacology and Experimental Therapeutics, Amer Pharmaceut Assoc, Acad Pharmaceut Sci, NY Acad Sci, Amer Chem Soc.

**CURRENT WORK INTERESTS:** Screening and development of new centrally acting muscle relaxants. Study of dopamine receptors in the central nervous system and their relationship to Parkinsons disease therapy.

**MAJOR FIELDS:** Drug Development (Preclinical Screening), Mechanism of Action-Physio, Biochem, Pharmaco-in Vivo, Methods Development (Preclinical).

**Barofsky, Ivan:**Massachusetts College of Pharmacy; (Assistant Prof Psychology) 179 Longwood Avenue, Boston, Massachusetts. 02115 PhD '64.

**DISCIPLINES AND ASSOCIATIONS:** Experimental Psychologist. Amer Psychol Assoc, Amer Assoc Adv Sci, Animal Behavior Soc.

**CURRENT WORK INTERESTS:** Thermoregulation: behavioral, physiological, neurochemical (serotonin metabolites-'tryptophols').

**MAJOR FIELDS:** Mechanism of Action-Physio, Biochem, Pharmaco-in Vivo, Mechanism of Action-Behavioral (Preclinical).

**Barondes, Samuel Herbert:**University of California/San Diego; (Prof Psychiatry) University of California/School of Medicine/Dept Psychiatry/P O Box 109, La Jolla, California. 92037 MD '58.

**DISCIPLINES AND ASSOCIATIONS:** Psychiatrist, Biochemist. Soc Biol Psychiat, Intern Soc Neurochem, Psychiat Res Soc.

**CURRENT WORK INTERESTS:** Brain protein metabolism and memory storage. Biochemical correlates of brain differentiation. Axoplasmic transport. Brain glycoproteins.

**MAJOR FIELDS:** Mechanism of Action-Physio, Biochem, Pharmaco-in Vivo, Mechanism of Action-Behavioral (Preclinical), Mechanism of Action-Physio, Biochem, Pharmaco-in Vitro.

**Barratt, Ernest Stoelting:**University of Texas/Medical Branch; (Research Prof) University of Texas/Medical Branch/Dept Neurology and Psychiatry, Galveston, Texas. 77550 PhD '52.

**DISCIPLINES AND ASSOCIATIONS:** Psychometrics, Experimental Psychologist, Social Psychologist. Amer Psychol Assoc, Eastern EEG Soc, Soc Biol Psychiat, Psychophysiol