

Meetings and Societies

Congress for Psychiatry

Zurich, Switzerland, from Sept. 1 to 7, was host to the second International Congress for Psychiatry, which had been organized by Manfred Bleuler for the Swiss Psychiatric Association and sponsored jointly by many other groups.

The keynote of the conference was the "present state of our knowledge about the group of schizophrenias." Representatives from such countries as Ghana, Thailand, Malaya, and Yugoslavia, and from the entire Western world, presented papers. Since an invitation to Soviet scientists had been withdrawn by the Swiss, following the Hungarian disaster, there was no Russian presentation.

Almost from the first, the ancient conflict of "nature versus nurture," which has bubbled around the issues of schizophrenia and others in human behavior, was rejuvenated and became the true center of the conference. The discussion was partitioned into several main categories. The inherited nature of schizophrenia was argued by, among others, F. J. Kallmann, T. Slater, and T. Sjöegren; the role of biochemical influences was presented by D. Richter and M. Buscaino; that of the anthropological influences, by L. Van der Horst; of the environmental and familial influences, by T. Lidz and G. Bally.

E. Stransky discussed the history of the concept of schizophrenia; L. Binswanger, the role of existential analysis; J. Delay, the Rorschach test and the family; H. Ey, the classification of schizophrenia; W. H. Gantt, experimental psychoses; L. B. Kalinowsky, electroshock and drugs; A. Lewis, rehabilitation of schizophrenics; L. Kanner, aspects of childhood schizophrenia; D. E. Cameron, depatterning of chronic paranoids; P. H. Hoch, pseudoneurotic schizophrenia and lysergic acid diethylamide; J. Zubin, prognosis in schizophrenia; H. Osmond, history of chemical concepts; A. Cerletti, lysergic acid diethylamide; H. Baruk, the chemical causes of experimental catonia and treatment; H. Hoagland, unspecific stress and endocrine derangement; A. S. Marrazzi, cerebral synaptic transmission; R. G. Heath, metabolic abnormalities; C. P. Richter, rhythm of behavior and endocrine function.

D. Shakow discussed normalization trends in chronic schizophrenics; Ø. Ødegard, ecological aspects; N. D. C. Lewis, psychiatric terminology; H. Delgado, schizophrenic delusion; I. Matte-Blanco, schizophrenic thinking and symbolic logic; S. Rado, deficiency theory; and D. E. Wittkower, need gratification. K. M. Bowman commented on the pathophysiology. There were, as well, many other contributions in theoretical, diagnostic, and therapeutic approaches.

One of the highlights of the conference was the paper by C. G. Jung, who, along with Eugen Bleuler and his son, Manfred, has done so much to make Switzerland important in psychiatry.

In an imposing symposium organized by N. Kline, which included, among others, V. Kinross-Wright, M. Shepherd, W. Mayer-Gross, and F. Freyhan, the present status of the tranquilizers and other drugs was discussed. It was the consensus that there was an increasing clarity about the limitations of our present pharmacotherapeutic agents in treating the majority of hospitalized patients.

Social psychiatry, which is still in its formative phases, provided a second theme, of growing importance. The experiments of Carstairs in England, Sivadon in France, and many others, both on the Continent and in the United States, promised a new approach in such areas as work therapy and social engineering.

Several studies discussed the meaning of the term *schizophrenia* itself and its usefulness as a classification. Many theoretical formulations were offered indicating that we are either dealing with a number of processes or have yet some way to go in defining the central one.

Many social activities and clinic visits were conducted for the congress participants. Plans for publication of papers had not been finally concluded before the congress ended.

As Bleuler aptly said at the congress dinner in summing up his efforts, he felt that he had "at least provided a conference where anyone could say whatever he thought." In this respect, certainly the conference was a significant success.

JORDAN M. SCHER
Northwestern University

International Zoological Congress

The National Science Foundation, the American Institute of Biological Sciences, and the American Society of Zoologists are cooperating to support the travel of a limited number of American scientists to the 15th International Zoological Congress, to be held in London, England, 15-23 July 1958. Grants will not normally exceed \$500. Application blanks are available from the A.I.B.S., 2000 P Street, NW, Washington 6, D.C., and completed forms must be returned to the A.I.B.S. no later than 1 January 1958.

Any active American zoologist, regardless of his society affiliations, is eligible. A portion of the funds available will be used to support the travel of qualified younger investigators who have not had the opportunity to attend an international congress.

Nuclear Reactors in Biomedical Research

A Biomedical Advisory Committee has been formed to encourage the biological and medical uses of the reactor at Massachusetts Institute of Technology and to exercise control over its use in the treatment of human patients. Since the reactor will go into operation early in 1958, the committee believes that prospective users would welcome an opportunity to see it and to become familiar with the kinds of research in biology and medicine which can be done with the aid of the reactor.

For these purposes the committee is sponsoring a Symposium on the Use of Nuclear Reactors in Biomedical Research at M.I.T. on 3 December. Additional information regarding this symposium may be obtained from Dr. C. J. Maletskos, Medical Department, Massachusetts Institute of Technology, Cambridge 39, Mass.

Forthcoming Events

December

4-8. American Psychoanalytic Assoc., New York, N.Y. (J. N. McVeigh, APA, 36 W. 44 St., New York 36.)

4-10. American Acad. of Optometry, annual, Chicago, Ill. (C. C. Koch, 1506-1508 Foshay Tower, Minneapolis 2, Minn.)

5-7. Texas Acad. of Science, annual, Dallas. (G. C. Parker, Education Dept., Texas A&M College, College Station.)

5-8. American College of Cardiology, 6th interim, Cincinnati, O. (P. Reichert, ACC, Empire State Bldg., New York 1.)

6-7. Oklahoma Acad. of Science, annual, Enid. (J. T. Self, Dept. of Zoology, Univ. of Oklahoma, Norman.)

7-8. American Acad. of Dental Medi-

cine, New York, N.Y. (S. Ross, 136 E. 36th St., New York 16.)

8-11. American Inst. of Chemical Engineers, annual, Chicago, Ill. (F. J. Van Antwerpen, AIChE, 25 W. 45 St., New York 36.)

9-11. Fluorides Symp., Cincinnati, Ohio. (Secretary, Inst. of Industrial Health, Kettering Laboratory, Eden and Bethesda Aves., Cincinnati 19.)

9-13. Eastern Joint Computer Conf., Washington, D.C. (H. H. Goode, Dept. of Electrical Engr., Univ. of Michigan, Ann Arbor.)

9-22. Southeast Asia Soil Science Conf., 1st, Manila, Philippines. (I. G. Valencia, Bureau of Soils, P.O. Box 1848, Manila.)

10-11. Water Quality Control for Sub-surface Injection, 2nd annual conf., Nor-

man, Okla. (M. L. Powers, Extension Div., Univ. of Oklahoma, Norman.)

13-14. Association for Research in Nervous and Mental Disease, 37th annual, New York, N.Y. (R. J. Masselink, 700 W. 168 St., New York 32.)

15-18. American Soc. of Agricultural Engineers, Chicago, Ill. (J. L. Butt, ASAE, St. Joseph, Mich.)

16-18. Air Traffic Control Symp., Philadelphia, Pa. (Air Traffic Symp., Franklin Inst. Labs., 20th St. and Parkway, Philadelphia 3.)

17-19. Nuclear Sizes and Density Distributions Conf., Stanford, Calif. (R. Hofstadter, Stanford Univ., Stanford, Calif.)

19-21. American Physical Soc., Stanford, Calif. (W. A. Nierenberg, Univ. of California, Berkeley 4.)

26-27. Northwest Scientific Assoc., annual, Spokane, Wash. (W. B. Merriam, Geography Dept., State College of Washington, Pullman.)

26-30. American Assoc. for the Advancement of Science, annual, Indianapolis, Ind. (R. L. Taylor, AAAS, 1515 Massachusetts Ave., NW, Washington 5.)

27. Association for Symbolic Logic, Cambridge, Mass. (J. Barlaz, Rutgers Univ., New Brunswick, N.J.)

27-28. Linguistic Soc. of America, Chicago, Ill. (A. A. Hill, Box 7790, University Station, Austin 12, Tex.)

27-30. American Finance Assoc., annual, Philadelphia, Pa. (G. E. Hassett, Jr., New York Univ., 90 Trinity Pl., New York 6.)

28-29. American Folklore Soc., annual, Chicago, Ill. (M. Leach, Box 5, Bennett Hall, Univ. of Pennsylvania, Phila. 4, Pa.)

28-30. American Anthropological Assoc., annual, Chicago, Ill. (W. S. Godfrey, Jr., Logan Museum, Beloit College, Beloit, Wis.)

28-30. American Economic Assoc., annual, Philadelphia, Pa. (J. W. Bell, Northwestern Univ., Evanston, Ill.)

28-30. Archaeological Inst. of America, annual, Washington, D.C. (C. Boulter, 608, Univ. of Cincinnati Library, Cincinnati 21, Ohio.)

28-30. Econometric Soc., Philadelphia, Pa. (R. Ruggles, Dept. of Economics, Yale Univ., New Haven, Conn.)

28-30. History of Science Soc., annual, New York, N.Y. (Miss M. Boas, Brandeis Univ., Waltham 54, Mass.)

January

6-8. Reliability and Quality Control, 4th natl. symp., Washington, D.C. (C. M. Ryerson, RCA, Bldg. 10-6, Camden 2, N.J.)

7-10. Radioactive Isotopes in Clinical Application and Research, 3rd internatl. symp., Bad Gastein, Austria. (Second Medical Clinic, Vienna Univ., Vienna, Austria.)

8-10. Northeastern Weed Control Conf., 12th annual, New York. (R. J. Aldrich, Farm Crops Dept., Rutgers Univ., New Brunswick, N.J.)

13-17. Society of Automotive Engineers, annual, Detroit, Mich. (Meetings Div., SAE, 29 W. 39 St., New York 18.)

22-24. American Council of Learned Societies, 39th annual, Bloomington, Ind. (ACLS, 2101 R St., NW, Washington 8.)

22-25. American Group Psychotherapy Assoc., 15th annual, New York. (M. Berger, 50 E. 72 St., New York 21.)

27-28. Scintillation Counter Symp., Washington, D.C. (G. A. Morton, Radio Corporation of America, Princeton, N.J.)

27-29. American Soc. of Heating and Air-Conditioning Engineers, Pittsburgh, Pa. (A. V. Hutchinson, ASHAE, 62 Worth St., New York 13.)

27-30. American Meteorological Soc., 163rd natl., New York. (K. C. Spengler, AMS, 3 Joy St., Boston 8, Mass.)

27-31. Institute of Aeronautical Sciences, 26th annual, New York. (S. P. Johnston, IAS, 2 E. 64 St., New York 21.)

28-30. Aging, 4th Ciba Foundation Colloquium (by invitation), London, England. (G. E. W. Wolstenholme, 41 Portland Pl., London, W.1.)

THE THEORY OF THERMAL-NEUTRON NUCLEAR REACTORS by A. D. Galanin IN COMPLETE ENGLISH TRANSLATION

SUPPLEMENTS 2-3 TO THE 1957 SOVIET JOURNAL OF ATOMIC ENERGY

This book is devoted to the theory of nuclear reactors in which thermal neutrons are utilized, and is based largely on Soviet work; it contains a great deal of previously unpublished material, including original work by the author. It is intended to serve not only as a textbook on nuclear reactor theory, but also, by presenting more practical details as well, to serve as a handbook for neutron calculations in the *design and operation of experimental and power thermal-neutron nuclear reactors*. The appendix and text contain experimental data on constants used in reactor calculations; the appendix also includes reference material required for everyday work in reactor calculations.

PART 1—A systematic presentation of theory; requires (assuming a knowledge of the basic elements of nuclear physics and kinetic theory) no special mathematical preparation, and refers to sections in Part 2.

PART 2—Requires more advanced mathematics, is more practical and deals with individual problems of theory, as supplements to sections of Part 1.

THE THEORY OF THERMAL-NEUTRON NUCLEAR REACTORS will be extremely useful to engineers and physicists in the design of nuclear reactors, operating personnel in power and experimental reactors, and students of atomic energy and reactor construction.

PARTS 1 or 2, each \$35.00

THE COMPLETE BOOK, 339 pages, plus 16 page appendix, ONLY \$60.00

SPECIAL PRICE FOR SUBSCRIBERS TO THE CONSULTANTS BUREAU
TRANSLATION OF THE 1957 SOVIET JOURNAL OF ATOMIC ENERGY:

PARTS 1 or 2, each \$25.00

THE COMPLETE BOOK, ONLY \$40.00

* Supply of Supplements limited—order now!

THE PHYSICS OF FISSION, in English translation. *Still available.* Supplement 1 to the 1957 Soviet Journal of Atomic Energy. Twelve papers presented at the Conference on the Physics of Fission, Jan., 1956, at the Inst. of Atomic Energy, Academy of Sciences, USSR. Systematic survey, comprising 209 pages, of the most important theoretical and experimental problems. \$30.00

SPECIAL PRICE, AS ABOVE, FOR SUBSCRIBERS \$20.00

1957 SOVIET JOURNAL OF ATOMIC ENERGY issues 1-4 now available; subscriptions still accepted for 1957. Annual subscription, 12 issues, approx. 1200 pages \$75.00

Consultants Bureau cover-to-cover translations by bilingual physicists. Clearly reproduced by multilith process; all diagrammatic and tabular material integral with the text is reproduced; staple bound.

CONSULTANTS BUREAU, INC.

227 WEST 17th STREET, NEW YORK 11, N.Y. — U.S.A.

Telephone: ALgonquin 5-0713 • Cable Address: CONBUREAU, NEW YORK