

Short Course in Genetics to be held at UCSD campus for medical school faculty members

January 20, 1965

Over 40 "students", all medical school faculty members with an interest in genetics, have been selected to participate in a "Short Course in Genetics for Medical School Faculty" on the San Diego campus of the University of California, February 1 through 5.

The course will offer 30 hours of instruction and will provide a forum for communication of basic science research in genetics to the medical school faculty members. In addition to the 40 medical educators from throughout the country, it will bring to the San Diego campus a short course faculty of 12 which includes distinguished geneticists from many scientific institutions.

Co-directors of the program are Dr. Robert N. Hamburger, Associate Professor and Assistant Dean of the UCSD School of Medicine, and Dr. Stanley W. Wright, Professor, Department of Pediatrics, UCLA School of Medicine.

The five-day session will explore many significant facets of the science of heredity, and information imparted will serve to enhance existing genetics education in the various medical schools. Topics to be covered include the chemical nature of genes, genetic analysis, differentiation, quantitative control of protein synthesis, human biochemical genetics, immunogenetics, cytogenetics, and population genetics.

The course, held for the past two years at UCSD under the guidance of the late Professor David M. Bonner, is an outgrowth of a course in medical genetics conducted each year at Bar Harbor, Maine, by the Jackson Laboratory and Johns Hopkins University.

According to Dr. Hamburger, the purpose of the course is to shorten the lag-period between recent discoveries in basic genetics and their use or application in applied or medical genetics.

"The most effective means of accomplishing this goal is to have the scientists who are actively engaged in basic genetic research communicate their findings directly to the clinical scientists and teachers who can use it in their daily work," Dr. Hamburger said.

"Our faculty members are not just teachers, but are research scientists in various fields of genetics," he said.

Besides Drs. Hamburger and Wright, the faculty will include Dr. Barton Childs, Professor, Department of Pediatrics, Johns Hopkins University School of Medicine; Dr. James F. Crow, Professor and Chairman, Department of Genetics, University of Wisconsin; Dr. John A. DeMoss, Associate Professor, Department of Biology at UCSD; Dr. Donald R. Helinski, Assistant Professor, Department of Biology, Princeton University; Dr. Leonard A. Herzenberg, Associate Professor, Department of Genetics, Stanford University School of Medicine.

Also Dr. Vernon M. Ingram, Professor of Biochemistry, Department of Biology, Division of Biochemistry, Massachusetts Institute of Technology; Dr. Clement L. Markert, Professor, Department of Biology, Johns Hopkins University; Dr. Raymond D. Owen, Professor and Chairman, Division of Biology, California Institute of Technology;

Dr. Gunther S. Stent, Professor, Virus Laboratory, University of California, Berkeley; and Dr. William J. Young II, Associate Professor, Department of Anatomy, Johns Hopkins University School of Medicine.

According to Dr. Hamburger, the Genetics Study Section of the National Institutes of Health will hold a meeting in La Jolla immediately preceding the short course. Several of the scientists attending that session will stay over an additional two days to be available for small group seminars at the lunch hour and in the early evenings during the short course.

The short course is supported by the Department of Health, Education and Welfare through the National Institute of General Medical Sciences of the National Institutes of Health.