

"Short Course in Genetics" at UCSD 1/20-26

January 7, 1963

An eminent faculty of geneticists and a select group of western medical educators will participate in a "Short Course in Genetics for Medical School Faculty" at the University of California's San Diego campus January 20 through 26.

With a purpose of providing a forum for communication of basic science research in genetics to medical school faculty, the course will offer 33 hours of instruction. It will bring to the San Diego campus some 25 medical educators from seven western states, plus the faculty of 16 which includes distinguished geneticists from many scientific institutions.

Director of the program is Dr. David M. Bonner, Chairman, Department of Biology at UCSD, one of the foremost biochemical geneticists in the United States. Program chairman is Robert N. Hamburger, M.D., of the UCSD Biology Department, in charge of planning and arrangements.

"Diseases which are incurable today may be treated by medical science tomorrow because of what basic science is learning about the intricate mechanisms of heredity," explains Dr. Banner, "Already we have gained insight into the genetic nature of many human defects.

"Thus, it's logical that an intimate relationship between the geneticists in basic science and medical science is vital for it is in this way that we will gain an understanding of human biology," he says, " And the genetics short course will help encourage that relationship."

The six-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, mutation, quantitative control of protein synthesis, phenotypic expression, immunogenetics, cytogenetics, and population genetics.

The course is the first of its kind to be held in the West. It is the outgrowth of a course in medical genetics, conducted each year at Bar Harbor, Maine, by the Jackson Laboratory and Johns Hopkins University. The co-director of the Bar Harbor course-- Dr. Victor A. McKusick of Johns Hopkins--and four of his associates will participate at the UCSD session.

The faculty will include Dr. Bonner, Dr. Hamburger and Dr. McKusick; Samuel H. Boyer, M.D., Assistant Professor of Medicine, Johns Hopkins University; Barton Childs, M.D., Professor of Pediatrics, Johns Hopkins University; John A. DeMoss, Assistant Professor of Biology, UCSD; Clement L. Markert, M.D., Professor of Biology, Johns Hopkins University; Arno G. Motulsky, M.D., Professor of Medicine, University of Washington; Ray D. Owen, Chairman of the Division of Biology, California Institute of Technology; Donald A. Pious, M.D., Department of Biology, UCSD; Francis J. Ryan, Professor of Zoology, Columbia University.

Also, Adrian M. Srb, Professor of Plant Breeding, Cornell University; Gunther Stent, Professor of Virology, University of California, Berkeley; Stanley W. Wright, M.D., Associate Professor of Pediatrics, UCLA Medical School; William J. Young, Assistant Professor of Anatomy, Johns Hopkins University; and Charles Yanofsky, Professor of Biology, Stanford University.

The short course is supported by the National Institute of Health and the Health Foundation of San Diego County.