

## 4 elected as Fellows of the American Academy of Arts and Sciences

**May 12, 1971**

Four University of California, San Diego professors, including Acting Chancellor Herbert F. York, have been elected as Fellows of the American Academy of Arts and Sciences at the Academy's annual meeting Wednesday, May 12.

The four from UCSD are among 117 new Fellows and 31 Foreign honorary Members elected at the meeting. Besides Chancellor York, they are Dr. Errett A. Bishop, Professor of Mathematics; Dr. Geoffrey R. Burbidge, Professor of Astrophysics; and Dr. Jonathan Singer, Professor of Biology.

The election brings to 36 the number of members of the American Academy of Arts and Sciences on the UCSD campus.

The American Academy of Arts and Sciences, one of America's oldest learned societies, was founded in Boston in 1780 by John Adams. Its principal activity is to sponsor inter-disciplinary study projects on topics in the public interest. In recent years, such projects have included studies on the future made by the Commission on the Year 2000, a series of seminars examining aspects and causes of poverty, a committee on studies of arms control, and a comprehensive examination of the role of higher education in contemporary society.

Dr. York became the first Chancellor of UCSD on July 1, 1961. He resigned in November, 1964, and became successively Professor of Physics and Dean of Graduate Studies. He has served as Acting Chancellor since the resignation of Dr. William McGill last year.

Dr. York, born in Rochester, New York, received his A.B. and M.S. degrees in physics from the University of Rochester. In 1949 he was awarded a Ph.D. in physics from the University of California, Berkeley.

He was appointed Director of Defense Research and Engineering by President Eisenhower in 1958 and was reappointed to this position by President Kennedy in 1961. He served as vice chairman of the President's Science Advisory Committee during 1965-67.

Dr. York, recently elected chairman of the American Federation of Scientists, is the author of the book dealing with the issues of arms control, "Race to Oblivion," published in 1970.

Dr. Bishop joined the UCSD faculty in 1965 after teaching in the Department of Mathematics at Berkeley for eight years. He attended the University of Chicago where he received an S.B. degree in 1947, an S.M. degree in 1949, and a Ph.D. in mathematics in 1955.

He is a member of the American Mathematical Society and the Mathematical Association of America. He served as a Sloan Foundation Fellow from 1958 to 1960 and again during 1960-61. He has served as a member of the Institute for Advanced Study at Princeton University and in 1964, was appointed to the Miller Institute for Basic Research.

Dr. Burbidge came to UCSD in 1962 from the University of Chicago where he was associated with the Yerkes Observatory and the Enrico Fermi Institute for Nuclear Studies. He received his Ph.D. in Theoretical Physics from

the University of London (University College) and received a B.Sc. (Special Honors Physics) from the University of Bristol in 1946.

Dr. Burbidge, elected a Fellow of the Royal Society of London in 1968, served as chairman of the National Science Foundation Advisory Panel for Astronomy from 1964 to 1966 and is currently a consultant to the National Aeronautics and Space Administration and a member of the High Energy Panel of the Astronomy Missions Board of NASA. In 1959 he won the Warner Prize in Astronomy jointly with his wife, Dr. Margaret Burbidge, also a member of the UCSD faculty.

Dr. Singer was appointed Professor of Biology at UCSD July 1, 1961, after serving for 10 years as Professor of Chemistry at Yale University. He has also served as a Postdoctoral Research Fellow and Senior Research Fellow at the California Institute of Technology.

Dr. Singer attended Columbia College, where he received an A.B. degree in chemistry in 1943. He did graduate work at Columbia College, receiving an M.A. in chemistry in 1945, and at Brooklyn Polytechnic Institute where he received a Ph.D. in chemistry In 1947.

He is a member of Phi Beta Kappa, the American Chemical Society, and the American Society of Biological Chemists. In 1969 he was elected to membership in the National Academy of Sciences.

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