Glaser

THE CANDIDATES

VICE PRESIDENT (President-Elect):

TYLER, Paul E., Captain, Medical Corps, U.S. Navy. Presently, Deputy Director, the Armed Forces Radiobiology Research Institute (to be Director, starting July 1979). University of Denver(B.A., 1955); University of Colorada Medical School (MD, 1959); University of Rochester (M.S. in Radiobiology, 1964). Commissioned in Naval Reserve (1954) and in regular Navy (1959); Medical Officer, China Lake Station Hospital (1960-61); Officer in Charge, Hallett Station, Antarctica (1961-62); Staff Medical Officer, Antarctic Support Activities (1962-63); Force Medical Officer, Task Force 43, Antarctica (1964-68); Head, Aerospace Medical Research Branch, Bureau of Medicine and Surgery (1968-71); Head and Director, Electromagnetic Radiation Project Office, Bureau of Medicine and Surgery and the Naval Medical R&D Command (1971-77). Fellow, Aerospace Medical Association; Member, ANSI C95.4 (Safety Levels of RF Radiation); Chairman, ANSI C95.7 (Medical Surveillance); Chairman, NATO Research Study Group on Biological Effects of Non-Ionizing Radiation; Secretary, Federal Interagency Side-Effects Committee on Non-Ionizing Radiation; Surgeon General's Representative to Joint Medical Nutrition Board; Member of American Medical Association, Undersea Medical Society, Space Medicine Branch of the ASMA, Radiation Research Society, Commission A of the U.S. National Committee for the International Union of Radio Sciences, American Association for the Advancement of Science, New York Academy of Sciences. Editor and Conference Chairman, Biologic Effects of Non-Ionizing Radiation, Vol. 247, Annals of the New York Academy of Sciences, 1975. Author and co-author of research and review articles in aerospace medicine, cold weather physiology and medicine, and biological effects of electromagnetic radiation.

CARPENTER, Russell L. Presently, Research Biologist, Bureau of Radiological Health of FDA. Tufts University (B.S., 1924); Harvard University (Ph.D., 1928); Tufts University (Honorary Sc.D., 1977). Instructor and Assistant Professor of Anatomy, Columbia University College of Physicians and Surgeons (1928-38); Professor, Zoology, Tufts University (1938-68; Emeritus, 1968); Lecturer, Ophthalmology, Harvard Medical School (1946--), Instructor, Ophthalmic Histology, Lancaster Course in Ophthalmology (1952--); Consultant on Ophthalmic Histology, The Retina Foundation (1964-76); Director, Microwave Radiobiology Research Laboratory, Tufts University (1956-68). Fellow, American Academy of Arts and Sciences. Member, International Microwave Power Institute, ANSI C95.4 (Safety Levels of RF Radiation), National Research Council Committee on Vision (Working Group 35), Joint Services ad hoc Committee on Microwave Ocular Effects, Association for Research in Vision and Ophthalmology, American Association of Anatomists, Marine Biology Laboratory. Contributor to: Environmental Biology , Part II: Radiant Energy, Table 31 on "Responses to radio-frequency radiation" (with V.A. Clark), for Committee on Biological Handbooks (P. Altman and D.S. Dittmer, eds.), Federation of American Societies for Experimental Biology, 1966; "The histology of the Chimpanzee Eye," in The Chimpanzee, Vol. 3 (G.H. Bourne, ed.), University Park Press, 1970; "Responses to Microwave Radiation," in Handbook on Environmental Physiology, Chapt. 7, American Physiological Society. Author and co-author of research articles primarily on biological effects of microwave radiation on the eye, including histology, biochemistry, physiology and dosimetry.

SECRETARY/TREASURER-ELECT:

STUCHLY, Maria A. Electrical Engineer with Non-Ionizing Radiation Section, Radiation Protection Bureau, Health and Welfare Canada. Warsaw Technical University (M.S., 1962); Polish Academy of Sciences (Ph.D., 1970). Senior R&D Engineer, Polish Academy of Sciences (1962-70); Departments of Electrical Engineering and Food Sciences, University of Manitoba (1970-76); Non-resident Professor, Electrical Engineering, University of Ottawa (1978--). Member, Charter Board of Directors, Bioelectromagnetics Society; Board of Governors of IMPI (1975-79); senior member IEEE; member of IEEE Committee on Man and Radiation. Research on instrumentation, measurements, biological effects and development of radiation protection standards.

BLACKMAN, Carl F. Research Biologist (Biophysics), Health Effects Research Laboratory, Environmental Protection Agency. Colgate University (A.B., Physics and Mathematics, 1963); Pennsylvania State University (Ph.D., Biophysics, 1969). Brookhaven National Laboratory (Post Doctoral), 1969-70. Founder and member of Charter Board of Directors, Bioelectromagnetics Society; Chairman, Site Selection Committee, Bioelectromagnetics Society. Research in radiobiology; microwave biological effects in bacteria, cells, membranes; dosimetry instrumentation and measurements.

MEMBER, BOARD OF DIRECTORS (Biological/Medical Sciences):

ADEY, W. Ross. Associate Chief of Staff for Research, Loma Linda VA Medical Center, and Professor of Physiology and Surgery, Loma Linda University School of Medicine. University of Adelaide (M.B. and B.S., 1943; MD, 1949). UCLA School of Medicine and Brain Research Institute (1957-77); Director, UCLA Space Biology Laboratory (1960-77). Fellow, American Academy of Arts and Sciences; Fellow, IEEE; Member, American Physiological Society, American Association of Neurological Surgeons, Biomedical Engineering Society, Royal Society of Medicine (London). Member, Electromagnetic Radiation Management Advisory Committee (1976--). Research in neurophysiology, information processing, biomedical engineering, membrane processes.

McREE, Donald I. Research Biologist (Biophysics), Environmental Biophysics, National Institute of Environmental Health Sciences, and Adjunct Associate Professor, North Carolina State University. North Carolina State University (Ph.D., 1969). Established and directs research program for NIEHS on biological effects of non-ionizing radiation; Coordinator of U.S. - U.S.S.R. Cooperative Program on microwave radiation and static and low-frequency electric and electromagnetic fields. Research on biological effects of microwaves on isolated nerve preparations, embryonic development, reproductive functions, hematology and immunology.

ELDER, Joe A. Research Biologist (Biophysics), Health Effects Research Laboratory, Environmental Protection Agency. Berry College (B.A., Physics and Mathematics, 1963); Vanderbilt University (M.S., Physics, 1965); Pennsylvania State University (Ph.D., Biophysics, 1970). Fellow, Department of Physiological Chemistry, Johns Hopkins School of Medicine (1970-73). Research on biological effects of microwaves, neurobiology, membrane processes, cell development, immunology.

ADAIR, Eleanor R. Research Psychologist (Comparative, Physiological), Fellow, John B. Pierce Foundation Laboratory, and Senior Research Associate, Yale University. Mt Holyoke College (A.B. 1948), University of Wisconsin (M.A., 1951, Ph.D., Experimental Psychology with minors in Physiology and Optical Physics, 1955). Research Assistant and Research Associate in Psychology, Yale University (1960-77). Established and Directs, Microwave Laboratory at J. B. Pierce Foundation. Fellow, American Psychological Association; member, American Physiological Society, American Society of Primatologists, International Microwave Power Institute. Research on vision, thermal psychophysics, primate thermoregulation, psychopharmacology, animal learning, microwave and infra-red biological effects.

MEMBER, BOARD OF DIRECTORS (Engineering/Physical Sciences):

GANDHI, Om P. Professor, Department of Electrical Engineering, University of Utah. University of Delhi (B.S., Physics, 1952); University of Michigan (M.S., 1957; Sc.D., 1960). Philco Corporation (1960-62); Deputy Director and Head, Microwave Devices, Central Electronics Engineering Research Institute, Pilani, India (1962-66); Associate Professor, University of Utah (1966-73). Fellow, IEEE. Guest Editor, special issue of Proceedings of the IEEE (1980). Member, USNC/URSI Commission B. Research on microwave devices and instrumentation, energy absorption theory and measurements, biological effects of microwaves, biomedical applications and measurements.

SWICORD, Mays L. Research Engineer, Bureau of Radiological Health, FDA. King College (A.B., Physics, 1960); University of North Carolina (M.S.,Physics, 1963); University of Maryland (all but dissertation for Ph.D.). For last ten years, research and supervisory responsibilities in r.f. and microwaves, including development of instrumentation, development of calibration methods and facilities, dielectric measurement techniques, dosimetry, and spectrographic methods for study of biological materials.

MEMBER, BOARD OF DIRECTORS (At-Large):

LIN, James C. Associate Professor, Electrical Engineering Department, Wayne State University. University of Washington (B.S., M.S., and Ph.D) and Assistant Professor, Department of Rehabilitation Medicine, University of Washington School of Medicine (to 1974). Authored Microwave Auditory Effects and Applications, Charles C. Thomas, 1978; on editorial boards of IEEE Transactions (MTT), Jornal of Microwave Power, Journal of Environmental Pathology and Toxicology. Member: IEEE; ANSI C95.4 (Chairman, Working Group on Dosimetry); Commissions A and B of USNC/URSI; IEEE Committee on Man and Radiation. Research on microwave instrumentation, dosimetry, biophysics, pulsed-radiation effects, biomedical applications.

PHILLIPS, Richard D. Manager, Bioelectromagnetics Program, Battelle Pacific Northwest Laboratories. University of California, Berkeley (B.A., Physiology, 1958; Ph.D., Physiology, 1966). Physiologist, U.S. Naval Radiological Defense Laboratory (1958-69); Staff Scientist, Battelle Northwest (1969-78). Member, American Physiological Society, Radiation Research Society, Society for Experimental Biology and Medicine, International Microwave Power Institute, International Society of Biometeorology, Commission A of USNC/URSI, ANSI C95.4 (Chairman, Working Group on Low-Level Effects). Topic Leader on Biological Effects of Static and ELF EM Fields, U.S. - U.S.S.R. Scientific Exchange Program. On Scientific Committee #53, National Council on Radiation Protection and Measurements. Research in radiobiology, environmental physiology, biological effects of microwaves, ELF electromagnetic fields and magnetic field effects.