

ORINS has also announced the availability of up to 150 Atomic Energy Commission Special Fellowships in Nuclear Science and Engineering for the academic year 1961-62. Stipends range from \$1800 to \$2200. Additional sums, to a maximum of \$1500, are allowed for dependents. Graduate students and seniors who will have received their degrees by the beginning of the academic year 1961-62 may apply. Applications must be received by January 6, 1961. Further information and the necessary forms are available from the Nuclear Science and Engineering Fellowship Office, Oak Ridge Institute of Nuclear Studies, P. O. Box 117, Oak Ridge, Tenn.

Awards

The Franklin Institute in Philadelphia held its annual Medal Day ceremonies on October 19. The following were among those honored:

W. F. G. Swann, director emeritus of the Bartol Research Foundation of the Franklin Institute, received an Elliott Cresson Medal for his cosmic-ray investigations and for his "many investigations in numerous areas of physical science and unrelated subjects that have broadened and deepened an understanding and a meaning of the universe and life therein".

C. Stark Draper, professor and head of the Department of Aeronautics and Astronautics and director of the Instrumentation Laboratory at the Massachusetts Institute of Technology, received the Howard N. Potts Medal for "his substantial and significant contributions to the science of inertial navigation, which have resulted in outstanding advances in the accuracy of navigation below and on the surface of the ocean, through the air and into space".

Among the Institute's Longstreth Medalists was John W. Coltman, associate director of the Westinghouse Electric Corporation Research Laboratory in Pittsburgh, who was cited for his work on the x-ray image amplifier.

This year's winners of Stuart Ballantine Medals were Rudolf Kompfner, director of electronics and radio research at the Bell Telephone Laboratories in Holmdel, N. J., and John R. Pierce, director of research in communications principles at the Bell Laboratories in Murray Hill, N. J., for their work on the traveling wave tube amplifier, and Harry Nyquist, formerly assistant director of systems studies at BTL in Murray Hill, who was cited for his work in electrical communication engineering.

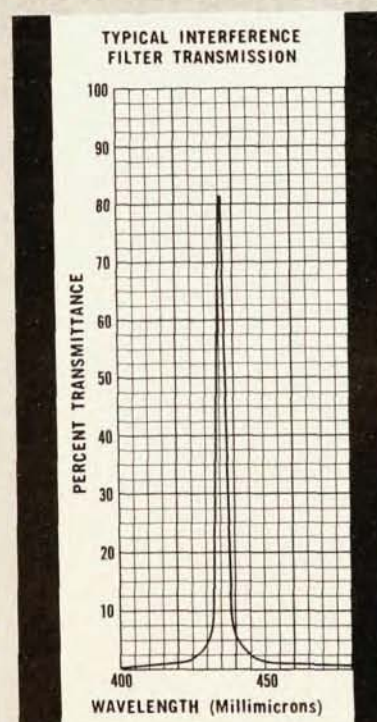
The Atomic Energy Commission has established a citation consisting of a scroll and a medallion, for presentation to persons not in the employ of the Commission who have made meritorious contributions to or have been outstanding in participation in its nuclear energy program. Employees of Commission contractors and of other US Government departments or agencies (as well as private individuals) are eligible to receive the award. It may be granted posthumously. Unlike the

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Scientists with PH.D. degrees required

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New mammalian culture strains; new growth media for
mammalian cultures.

Physical Chemist or Biological Chemist to study: Molecular
effects of radiation (radical formation and their history; effects
of DNA enzymes systems and other cellular subsystems).

Nuclear Physicist, Cosmic Ray Physicist, or Molecular
Physicist, with minor or interest in biology to investigate:
Energy states of nuclei or constituent atoms in biophysical
systems (nuclear resonants; electron spin; etc.).

Theoretical Physicist with minor or interest in biology to
study theoretical aspects of radiation environment in cellular
cultures, subjected to high altitudes and space irradiation.

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Commission's Fermi and Lawrence Awards, this citation
will carry no award of cash and it may be made for
contribution in other than scientific fields.

Vladimir P. Lubovich, well known to many gen-
erations of University of Colorado students, died of a
heart attack on March 30, 1960, while on a shopping
trip in Denver.

Professor Lubovich, who was 72 at the time of his
death, was born in Russia and received the diploma of
the first degree from the Imperial University of St.
Petersburg in 1911, being awarded a gold medal for his
excellent scholarship. He taught physics and mathemat-
ics in the secondary schools of St. Petersburg until
January 1919, when he felt compelled to leave Russia.
With his wife and small son he spent two years in
Germany attempting to obtain the means to come to
America. His last funds were spent for passage to
Canada, where he was able to secure a position as a
research assistant at the University of Toronto. He
received the MA degree at Toronto two years later. In
August 1922 he accepted a position as instructor of
physics at the University of Colorado and in 1926 was
awarded the first PhD degree in physics given by that
University. His thesis field and his lifelong interests lay
in the field of optics, and in his later years he under-
took an extensive program of the computation of the
value of the Fresnel integrals. He retired in 1956 with
the rank of associate professor.

Professor Lubovich was a member of the American
Physical Society, the Optical Society of America, and
the American Association of Physics Teachers, and he
was one of the founding members of the Colorado-
Wyoming Academy of Science.

Former students who may wish to contribute to a
memorial fund being established in the Department of
Physics in memory of Prof. Lubovich may do so by
sending contributions to Prof. W. E. Brittin, Chairman
of the Department of Physics, University of Colorado,
Boulder, Colo.

Albert A. Bartlett
University of Colorado

C. E. Kenneth Mees, retired vice president for re-
search of Eastman Kodak Company, died of a heart
attack on August 15 in Honolulu, Hawaii, where he had
lived since his retirement in 1955. He was 78 years
of age.

Born in Wellingborough, England, he received his
DSc from University College, London, in 1906 and
spent the next six years as a partner and joint managing
director of Wratten & Wainwright, an English photo-
graphic firm. Dr. Mees came to the United States in
1912 when George Eastman asked him to organize and
direct an Eastman Kodak research laboratory which
was to be established at the Kodak Park Works in
Rochester, N. Y. The laboratory concentrated on the
theory of photography and on the development of new