

Slaughter and Krumhansl

continued from page 78

Electronics Laboratory Center until 1975. He then became director of the Applied Physics Laboratory at the University of Washington. Since 1972, he has been editor of the *Journal of Computer and Electrical Engineering*.

Krumhansl, who succeeds Edward C. Creutz, received his PhD in physics from Cornell University in 1943. He taught at Brown University from 1946 to 1948 and at Cornell during three periods (1943–1944, 1948–1954 and since 1959, when he was named full professor). He was senior staff scientist with Stromberg Carlson Company from 1944 to 1946 and was assistant director and later associate director of research at the Union Carbide Company in the period from 1954 to 1959.

Krumhansl was director of Cornell's Laboratory for Atomic and Solid State Physics from 1960 to 1964. In 1968 he served as chairman of the Division of Solid State Physics of The American Physical Society and since 1973 he has been a member of the governing board of the American Institute of Physics. He has served as editor of the *Journal of Applied Physics* and *Physical Review Letters*. He served on the APS Council from 1970 to 1974.

Science for Citizens program at NSF grows

This year the National Science Foundation expects to award between 15 and 25 Public Service Science Residencies and a similar number of Public Service Science Internships as part of its Science for Citizens program. In addition, it hopes to make some 20 awards for forums, conferences and workshops on scientific and technical aspects of public issues. These awards have been made possible by a Congressional authorization of \$1.8 million, a 50% increase over the funding level during the initial year (1977) of the program.

The Residencies and Internships, according to NSF, "enable scientists and engineers and students of science and engineering to undertake up to a year's activities with citizen groups and other appropriate organizations in need of their expertise." Over a 12-month tenure, residents receive a stipend of \$18 000 (with current salary matched up to \$25 000) and interns a stipend of \$6000. In 1977 the program made 29 residency and internship awards, including one to an individual with a physics MS. The deadline for applications for 1978 awards is 15 March, and awards will be announced in late June.

Science for Citizens Forums, Conferences and Workshops, according to NSF, "enable nonprofit organizations to bring

together citizens and scientists to provide citizens with access to expertise on science-related policy issues and to better inform scientists as to those issues of concern to citizens." Nineteen proposals received awards in the program's first year. Deadline for receipt of preliminary proposals for 1978 awards is 1 March and formal proposals are due by 1 May; awards will be announced in August.

Further information can be obtained from the Public Service Science Residencies and Internships Brochure (SE 78-61) and the Science for Citizens Forums, Conferences and Workshops Guide for the Preparation of Proposals (SE 78-63), both available from Science for Citizens, Office of Science and Society, National Science Foundation, Washington, D.C. 20550.

Both of these aspects of the Science for Citizens program are relatively short-term. The program is therefore for the first time inviting, according to Rachelle Hollander of the Office of Science and Society, preliminary proposals (due by 7 April) for "feasibility studies considering the need for independent, continuing mechanisms that would help scientists, other citizens and citizens groups to participate effectively in public policy-making with respect to issues in which science and technology play an important part." The deadline for receipt of formal proposals of such studies is 9 June.

Nuclear-science committee

continued from page 77

fiscal year 1976. In the probable absence of such funding, Pugh argued, hard choices will have to be made regarding what nuclear-science projects should have funding priority.

The membership of NUSAC was carefully chosen to satisfy the criteria set forth in its charter: that appropriately balanced representation of the scientific community in nuclear science be ensured by taking into account the various sub-areas within nuclear science, the various types of institutions that currently conduct research in basic nuclear science, and geographic distribution. The twelve members of the Committee were selected from recommendations requested from The American Physical Society, the American Chemical Society and the National Academy of Sciences, as well as from unsolicited recommendations. George Rogosa, assistant director for nuclear physics at DOE, will serve as liaison between NUSAC and DOE, as will Pugh between NUSAC and NSF.

Pugh set forth five "expectations" for NUSAC:

- ▶ that it would be advisory,
- ▶ that it would address the entire national picture, so that the work of NSF and DOE will be more closely coordinated,

▶ that it will help the nuclear-science community establish a consensus, especially concerning funding priorities,

▶ that it would articulate that consensus to both the community and the agencies and

▶ that it will plan far ahead into the future.

NUSAC held its first meetings on 14 October and 12–13 December at the NSF in Washington; a further meeting was planned for 27–28 January at Lawrence Berkeley Laboratory at the time of the APS-AAPT San Francisco meeting.

According to Fowler, the initial priority of NUSAC will be establishing its basic *modus operandi*. The Committee has already established ad hoc working groups (composed of Committee members) in the areas of major facilities, instrumentation and manpower. At their December meeting they considered preliminary responses from NSF and DOE to the Friedlander panel funding recommendations cited earlier.

—CBW

in brief

1977–1978 Graduate Programs in Physics, Astronomy and Related Fields (AIP Pub. No. R-205.3) may be ordered for a prepaid cost of \$7.50 (members of AIP-member societies) or \$10 (all others) from the American Institute of Physics, Dept BN, 335 East 45th Street, New York, N.Y. 10017.

A new international journal, *Propellants and Explosives*, is available at an annual subscription price of \$76.80 plus postage (six issues). Orders may be placed with Verlag Chemie International Inc, 175 Fifth Avenue, New York, N.Y. 10010.

A new quarterly journal, *International Journal of Energy Research*, is now available from the subscription department of John Wiley and Sons, 605 Third Avenue, New York, N.Y. 10016 at a cost of \$45 per year.

The European Space Agency has signed an agreement with NASA to participate in the 1983 space-telescope mission. ESA will provide a scientific instrument, a spacecraft subsystem, participate in the orbital operation and maintenance of the telescope and arrange observation programs for ESA-sponsored European astronomers.

Anthony J. Calio has been appointed Associate Administrator for Applications at NASA. He was formerly the Deputy Associate Administrator for the Office of Space Science at the agency's headquarters.

Copies of *Characteristics of Doctoral Scientists and Engineers in the United States, 1975* (NSF 77-309) may be obtained at a cost of \$3 apiece from the US Government Printing Office, Washington, D.C. 20402. □