

Study Committee. The MS degree in education can be earned through work done in the institute, and the program also offers the opportunity for teachers having sufficient background to work towards a master's degree in physics. Further information can be obtained by writing to Prof. Elmer L. Offenbacher, Director of the Academic Year Institute, Temple University, Philadelphia 22, Pa.

Indiana Dedicates Physics Annex

A new wing has recently been added to Swain Hall, the home of the Physics Department at Indiana University. On November 21 and 22, 1961, the University celebrated the formal opening of the structure with a dedicatory conference attended by sixty physicists from various parts of the country. All had at one time or another received advanced degrees from the Indiana University Physics Department. One of the invited speakers at the conference was Atomic Energy Commissioner Leland J. Haworth, who received his BA in 1925, his AM in 1926, and an honorary DSc in 1961. Another was Paul W. McDaniel, director of the AEC's Division of Research, who received his PhD from the University in 1941. Nineteen of the University's former graduate students in physics presented contributed papers on topics associated with their current interests in physics.

The new wing has increased the space used by the Physics Department by about fifty percent and has more than doubled the amount of research space. Among the features of the building are a large machine shop, two chemistry laboratories designed for the handling of radioactive materials, a laboratory for a course in atomic and nuclear physics, a lecture room with a seating capacity of 250, and a number of research laboratories.

Advanced Study and Research

Temporary memberships in New York University's Courant Institute of Mathematical Sciences are being offered for the 1962-63 academic-year to PhD-level mathematicians and scientists who intend to study or conduct research in the areas in which the Institute is particularly active; these include functional analysis, function theory, differential equations, quantum theory of fields, quantum-mechanical scattering theory, methods of mathematical physics, fluid dynamics and magnetohydrodynamics, electromagnetic theory, elasticity, numerical analysis, computers, or probability and statistics. The Institute's temporary membership program, which is supported by funds granted to the University both by private contributors and by the National Science Foundation, is designed to help increase the number of scientists trained in mathematical physics, applied mathematics, and mathematical analysis.

The one-year temporary memberships will be awarded in accordance with professional status, and

will entitle the member to full participation in the entire program of the Institute, including research projects, advanced graduate courses, research seminars, and use of the Computing Center and its IBM 7090 installation. Requests for information and application forms should be addressed to the Membership Committee, Courant Institute of Mathematical Sciences, New York University, 4 Washington Place, New York 3, N. Y.

The mathematical center was recently renamed in honor of its founder, Richard Courant, and within two years it is to be housed in a new building named Warren Weaver Hall in honor of vice president Warren Weaver of the Alfred P. Sloan Foundation. The University received a grant of \$2.75 million from the Sloan Foundation in October for use in expanding NYU's Washington Square Center, supporting the Institute's fellowship programs, and establishing a special fund for research in mathematical physics. The new building, which will provide some 100 000 square feet of floor space, will contain the Institute's computing facilities and a 10 000-volume library specializing in mathematics, as well as offices and classrooms.

Sixty fellowships for research and advanced study in the sciences, mathematics, and engineering were awarded in October by the National Science Foundation as part of its Postdoctoral Fellowship Program. Awards in this program are made twice a year to applicants of demonstrated ability and special aptitude who have recently received doctoral degrees. The qualifications of the candidates are evaluated by panels of scientists appointed by the National Academy of Sciences, and final selection of fellows is made by the NSF. The awards provide a stipend of \$5000 per annum plus dependency and travel allowances.

The twelve fellows who will specialize in physics are listed below, together with the institutions where they intend to spend their fellowship term (institutions with which they are currently affiliated are given in parentheses).

James R. Anderson (Iowa State U.) U. of Cambridge
 Robert L. Burman (U. of Illinois) Institute for Theoretical Physics, Copenhagen
 Roger L. Douglass (U. of California, Berkeley) U. of California, Berkeley
 Giulio Fermi (U. of California, Berkeley) Max-Planck-Institut, Tübingen
 Melvin Leon (Cornell U.) U. of Birmingham, England
 Michael J. Longo (U. of California, Berkeley) Centre d'Etudes Nucléaires, Saclay
 Ronald D. Parks (Stanford U.) Stanford U.
 James J. Pearson (U. of California, La Jolla) Centre d'Etudes Nucléaires, Saclay
 Jerome Pine (Stanford U.) Imperial College of Science and Technology, England
 John D. Rogers (Caltech) Institute for Theoretical Physics, Copenhagen
 James C. Walker (Princeton U.) U. of Oxford
 Russell E. Walstedt (U. of California, Berkeley) U. of Oxford