the number of faculty members engaged in various aspects of materials research will be increased about 25 percent. The University has also predicted an increase of about 70 percent in the number of graduate students primarily concerned with such studies.

The accelerated program will be conducted mainly in the Institute for the Study of Metals and in the Physics Department, although, to a lesser extent, both the Chemistry Department and the recently-established Department of Geophysical Sciences will be involved. With the added funds provided under the contract with ARPA, the University anticipates a total expenditure of nearly $11 million in government and University funds in support of materials research at Chicago during the four-year period.

Polymer Research

A center for fundamental research in the science of polymers, currently under construction at North Carolina's Research Triangle Institute, is expected to be ready for initial occupancy in September upon the completion of the first unit of RTI's new Camille Dreyfus Laboratory. The Laboratory, which is named in memory of the founder and first president of the Celanese Corporation of America, will be under the direction of Anton Peterlin, who has served for the past year in Germany as head of the Physics Institute at Munich's Technische Hochschule. Known for his research in the rheological and optical properties of liquids and polymer solutions, Dr. Peterlin is a native of Yugoslavia and during the ten-year period 1949–59 he headed the J. Stefan Institute of the Yugoslav Atomic Energy Commission. In 1959–60, before going to Munich, he served as a visiting professor at Harvard and at Wayne State University.

The establishment of the Dreyfus Laboratory, one of five divisions and laboratories within RTI, was made possible by a $2.5 million grant provided by the Camille and Henry Dreyfus Foundation of New York City. The center's research staff will conduct basic investigations in the physics and chemistry of polymers and their derivatives. In addition to its fundamental studies, the Laboratory is expected to be engaged in some applied activities supported by outside contracts.

Cryogenics

A low-temperature facility to be used in applied research and development of cryogenic products, particularly those involving the application of liquid hydrogen, is to be constructed in Davenport, Iowa, by the Pioneer-Central Division of the Bendix Corporation. The Bendix Cryogenic Development Laboratory will be under the direction of Thomas Flynn and will be equipped for the study of liquid-state gases at temperatures as low as −459°F. It will be operated in conjunction with a liquid-oxygen research facility which has been maintained by the company for nearly 18 years.