

to create a Center for Advanced Studies in the Sciences and add about 25 scholars to its faculty. Areas of emphasis would include astronomy, algebra, developmental biology and genetics, and physical and chemical properties of matter.

University of Florida (\$4 240 000) to intensify programs in radiation and microstructure and behavior of matter, and to add staff members to physics and other departments.

University of Colorado (\$3 755 000) to develop its physics and astro-geophysics sections, Laboratory for Atmospheric and Space Physics, and other departments.

Rice University (\$2 390 000) to expand activities in mathematics, systems research, and engineering.

University of Rochester (\$2 550 000) to help finance a new chemistry building and appoint new faculty.

Earlier in the year, the first grants under the Science Development Program, ranging from \$3.5 to \$4 million, were given to Washington University, St. Louis; University of Oregon; Case Institute of Technology; and Western Reserve University.

Eastern Europe travel grants

Opportunities for advanced graduate students and scholars to engage in study and research in the Soviet Union, Bulgaria, Czechoslovakia, and Hungary during the 1966-67 academic year have been announced by the Inter-University Committee on Travel Grants. Currently in its eighth year, this exchange is made possible by intergovernmental agreements on exchanges with the USSR and agreements with the education ministries of Bulgaria, Czechoslovakia, and Hungary. All participants are chosen in national competition through application and interview and must have a proficiency in the language of the country commensurate with the needs of their programs. American citizenship or permanent residence in the United States is also required. Additional information can be obtained from Dr. Howard Mehlinger, Inter-University Committee on Travel Grants, 021 Lindley Hall, Indiana University, Bloomington, Ind. 47405.

MELPAR AEROSPACE SCIENCES IMMEDIATE POSITIONS FOR

Senior Physicists

Ph.D. level; conduct studies in thin-film techniques of metals, semiconductors, and insulators. Correlate experimental data with theoretical studies. Design semiconductor devices using p-n junction theory, solid-state design theory, and solid-state circuit design techniques. Design silicon integrated circuit devices. Design optical semiconductor devices and research the growth of single crystals and p-n junction formation in compound semiconductors, lasers and IR detectors, and thin-film photovoltaics.

Senior Process Engineers

Ph.D. level; develop processes for one or more of: surface passivation, epitaxial growth, diffusion, masking, and metallizing. Three years in silicon devices processing desired.

Senior Metallurgists

Develop new metallic and composite materials in: dispersion hardening, refractory metals, electron microscopy, metallography, and mechanical testing. Ph.D. or MS in Metallurgy required.

Optical Designer (Mechanical)

Design optical devices plus detailing static and dynamic components for paraxial systems. BS required.

Plastics Engineer

Experience in thin-film plastic fabrication, encapsulation, adhesives fabrication, and rubber technology.

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