

University Receives \$320,000 in Grants

The University announced yesterday that it has received more than \$320,000 in grants since the end of the Fall Term for research, equipment, and special projects.

Largest of the grants is a \$67,500 renewal from the Esso Research and Engineering Co., and a \$66,801 award from the Vocational Rehabilitation Administration of the Department of Health, Education, and Welfare.

The Esso grant, made to the University's chemical engineering department, will continue petroleum research on separation and conversion processes. Merrell R. Fenske, professor and chairman of the department, heads the project.

Esso has also provided \$8,900 for a physical climatology data analysis by Larry G. Davis, assistant professor of meteorology.

Research on measurement of acoustic parameters for speech comparison transposition will be supported by the HEW grant. The work will be directed by Burce Siegenthaler, professor of clinical speech and audiology and head of the University's Speech and Hearing Clinic.

Transport System

A grant of \$39,666 from Pennsylvania's Coal Research Board will be used for research on automated coal transport system. Robert Stefanko, professor of mining engineering and chairman of the department of mining, will manage the project.

In another State grant, the Game Commission has awarded \$2,000 for diagnostic service to David C. Krade, assistant professor of veterinary science.

Gerald G. Johnson, assistant professor of solid state science, has been granted \$10,512 by the National Bureau of Standards. He will conduct a special project on single crystal data correlation.

A second conference on silicon carbide will be sponsored by a \$6,000 award from the Department of the Air Force. The conference will be planned by Rustum Roy, director of the Materials Research Laboratory and professor of geochemistry.

Radiation Study

The U.S. Atomic Energy Commission has granted \$32,000 to study the basic aspects of action of microorganism radiation. The work will be headed by Ernest C. Polard, professor and chairman of the Department of Biophysics.

An unrestricted departmental assistance grant of \$5,000 has been made by Gulf Oil Corp. The money will support the work of Paul M. Anderson, associate professor of agriculture engineering, who is researching insect control by flaming.

ITT Industrial Laboratories' award of \$15,765 will support a theoretical investigation of inertial confinement of ionized gases. Edward H. Kleivans, assistant professor of nuclear engineering, will conduct the study.

Joseph A. Stanko, assistant professor of chemistry, will examine the electric and molecular structure of tri-oxamine ruthenium complexes. He will be supported by \$3,320 from the Research Corp.

Stauffer Chemical Co. has renewed its \$3,000 fellowship to the University's Department of Chemistry. Thomas Wartik, professor and head of the department, administers the fund.

\$19,967 from Navy

The Office of Naval Research has provided \$19,967 for an investigation by John L. Lumley, professor of aerospace engineering. Lumley will study turbulent flow of non-Newtonian media.

The University has acquired property valued at \$7,609 from the U.S. Government, following completion of contract research under the direction of John A. Brighton, assistant professor of mechanical engineering.

Sam Y. Zamrik, assistant professor of engineering mechanics, has been granted \$5,000 by the National Forge Co. He will begin fracture mechanics studies in high strength materials.

Radio-Research Instrument Co. has donated an SCR 584 radar system valued at \$22,500 to the University's radio astronomy program. The program is headed by John P. Hagen, professor and head of the Department of Astronomy.

Books on Retailing

Retailing literature will be purchased with an \$1,800 gift from the B. Earl Puckett Fund. According to W. Carl Jackson, director of libraries, books will be presented to the Department of Clothing and Textiles.

Agway, Inc. has provided \$2,500 to support research directed by Truman V. Hershberger, associate professor of animal nutrition. Hershberger's project deals with rumen fermentation.

A development program for traveling education units has received a \$5,688 grant from the Appalachia Educational Laboratory, Inc. The program is directed by C. Herbert Wheeler, associate professor of architectural engineering.

Standard Oil Co. has donated \$2,000 worth of supplies and equipment to the University's Department of Geochemistry and Mineralogy.



ROGER W. ROWLAND
Elected Tqain

Rowland Re-Elected President

Roger W. Rowland, of New Castle, was re-elected Saturday to his sixth term as president of the University's Board of Trustees.

Elections were held at the afternoon meeting of the Board, which followed committee meetings and visits by the Trustees to the Milton S. Hershey Medical Center at Hershey and the new Capitol Campus, at Middletown.

Other officers re-elected were Walter W. Patchell, of Haverford, vice-president; Eric A. Walker, University Park, secretary; and McKay Donkin, University Park, treasurer. Assistant secretaries named were Wilmer E. Kenworthy, Richard E. Grubb, and Eleanor Ferguson, all of University Park.

Re-elected to the Executive Committee were Milton Fritzsche, Douglassville; H. Thomas Hallowell, Jr., Jenkintown; Ralph Hetzel, New York, N.Y.; B. C. Jones, Pine Grove Mills; Albert E. Madigan, Towanda; J. Collins McSparran, Harrisburg; Patchell; William K. Ulerich, Clearfield; and J. Lewis Williams, Uniontown.

Rowland, as president of the Board, and Walker, as president of the University, serve as ex officio members of the Executive Committee.

All terms are for one-year.

U.S., Red China Meet

WARSAW, Poland (AP) — Envoys of the United States and Communist China met yesterday for the first time in seven months and discussed for more than two hours the "positions and intentions" of their governments.

The 134th session of the Warsaw ambassadorial talks was marked by frank and serious discussions on a number of problems which face the United States and the Chinese People's Republic. U.S. Ambassador John A. Gronowski told newsmen after the meeting.

The talks are the only direct official contact between the two powers and details never are divulged.

Gronowski, former U.S. postmaster general, said: "I hold these talks to be invaluable because they provide a private forum for both sides to state and clarify their positions and intentions."

"We continue to hope that these meetings can serve to reduce tensions between our two countries and ultimately throughout East Asia," he added.

Gronowski said the next meeting will be held on May 29.

Gronowski's discussion partner at this session was not his Chinese counterpart but instead the Chinese Embassy charge d'affaires, Chen Tung.

Speaking through an interpreter Chen told newsmen: "Owing to administrative reasons our ambassador Wang Kuo-Chuan has not been able to return to his post in time for this meeting. As a provisional measure my government has delegated me to attend."

Wang left Warsaw in midsummer for Peking and has not returned.

"Because of Ambassador Wang's continued absence we agreed to meet this time with Mr. Chen Tung," said Gronowski. "I will meet next with Ambassador Wang on May 29."

Both representatives refused to answer newsmen's questions on contents of the talks. Asked if there were any light moments during the two hours and ten minutes of talks, Gronowski replied: "We smiled occasionally."

Johnson Outlines Program Of Ambitious Legislation

WASHINGTON (AP) — Although Congress doesn't reconvene until next week, President Johnson already has outlined an ambitious legislative program loaded with potential political dynamite, much of it in the form of higher taxes.

The President has tabbed the 10 per cent surcharge as the first order of business for the second session of the 90th Congress which begins next Monday.

But other proposals will include a possible tax on travel abroad, tax rebates for U.S. exporters, a tax on imports and removal of the gold cover which requires dollar in paper money to be backed by 25 cents in gold.

Asked about the political repercussions of these programs in an election year, one administration insider said the national economy is one of the biggest factors Johnson has going for him this year.

The entire program of an anti-inflationary tax increase and defense of the dollar, he said, is intended to keep the economy on an even keel where everyone will benefit.

The real trouble, this source said, would be if the economy swung into a recession, a factor not now foreseen by government economists, the source said.

In addition to the surcharge which the House Ways and Means Committee plans to reconsider on Jan. 22, Johnson has outlined thus far these other points in his new legislative program:

- A five-year, \$200 million promotion of American goods overseas.
- An earmarked \$500 million of Export-Import Bank authority to provide better export insurance, expand guarantees for export financing and broaden the scope of government financing of exports.
- A possible tax rebate for U.S. exporters to increase export trade and a tax on imports such as many European nations now impose as border taxes.
- Legislation to discourage travel outside the hemisphere which key sources have said will result in a tax on tourism rather than any legal restrictions against travel.

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INTERVIEW DATE:
January 22

Penn State Sports Car Club

Jan. 10 — Meeting and Rally School
7:30 p.m. — 111 Boucke
Jan. 14 — TSD Rallye
Register at noon
Lot 83

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Jan. 10 — Meeting and Rally School
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