tions today have been developed almost exclusively by the University's Petroleum Re-fining Laboratory, Dr. Merrell R. Fenske, said.

the Convair boy commercial jet state organizations and the redetations and the U.S. Air Force government on research projects. F-102. "These are all part of the aim

A hydraulic fluid is a substance to

VA Assistance **Helps** Students **Pay Expenses**

month from the Veteran's Administration for their educa-tion here, Cyrus V. Bissey, co-ordinator of veteran's affairs, said yesterday.

The students receive this financial aid under the war orphan's education program, he said, because either one or both of their parents died of injuries or diseases resulting from their military serv-ice in World War I, World War II or the Korean War.

The number of students en-rolled under this program has almost doubled since last year. Bis sey added that the number will "gradually keep going up as the war babies' reach 18 years of age.

The veteran's law provides \$110 a month for 36 months of schooling at an institution and in a curriculum approved by the Veteran's Administration.

Students from Pennsylvania who are attending an educational institution in the state are also eligible for a \$400 a year tuition gratuity from the State Veteran's Administration.

Bissey said that all except one of the students attending the University under this war orphan's educational program are eligible to apply for the gratuity.

Students May Obtain Scholarship Applications

Students wishing to apply for scholarships for the 1962-63 academic year may pick up the nec-essary forms at the Office of Student Aid, 218 Willard, Ralph N Krecker, director, said recently.

All applications must be returned by Jan. 12, but not before the end of the present term because the student's All-University aver-age through this term will be re-quired, Krecker said.

Power from an outside source is transmitted through the hydraulic fluid, which operates the jet's auxiliary equipment, such as wing flaps, landing gear and brakes. The Department of Chemical

Fenske, said. For example, he said, the lab Engineering, which includes the F. to plus 700 degrees F. developed the lubricating oil for the Convair 880 commercial jet state organizations and the federal B-24 bomber, were analyzed and

that makes a closed system work. The system is "closed" because search and development," Fenske

Said. "When all the frills and feathers are removed," he said, "the purpose of chemical engineering is to bring in the dollars. Engi-neering in general manipulates natural forces and resources for

an economic purpose. "Those last three words are the tensive refining equipment, Fen-Approximately 90 under-graduates are receiving \$110 a for its own sake "

for its own sake." with the design of the refinery Projects here involve the two of 1960 but of 1970. Chemical en-

Leading discussions gives Bob the op-

portunity to develop management skills.

tomotive, aircraft and industrial the current state of psychology Messiah College, recently made a ubricants, Fenske said. An Airlin India.

hydraulic fluids and lubricants sored by Psi Chi, national honor-Peace Council. that are operational from tempera-ture extremes of minus 65 degrees Department of Psychology.

studied in the lab, Fenske said. These samples were taken from the wreckage of this plane after 16 years in the Sahara Desert. The lab's report and interview.

will be used to prepare an Air Force technical paper concerning, the reliability of equipment and materials. The hydraulic fluid from this plane was originally developed in the lab here. The lab, located behind the Ritenour Health Center, has no ex-

Prabhu to Give Talk On Psychology in India

By KAY MILLS Jet-engine lubricants and within it as opposed to a system used when you haven't got a sub-hydraulic fluids used in com-mercial and military opera-mercial and military opera-

Force contract covers work on Prabhu's speech is being spon- of President Kennedy's Food for

The program will be open to the public.

Approved Fraternities All fraternities are approve for social activities tonight.

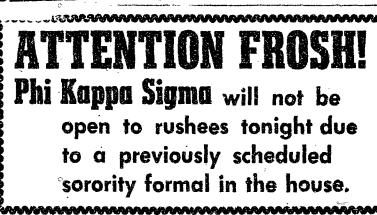
Hostetter to Give Talk

Dr. C. N. Hostetter, Jr., chair-man of the Mennonite Central Pandharundath Prabhu, director Committee, will speak on world

> Hostetter, a former president of world tour. He is also a member

Prof to Speak on Tito

Vaclov Mares, associate profes-sor of economics and business administration, will speak on "Yugoslavia, Tito's Welfare State" at 7 p.m. tomorrow at the Slavic Center, in the Myra Dock home nanagement house.



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A glimpse of training activities of Gas Cadet Engineer Bob Lindner - Rutgers '59

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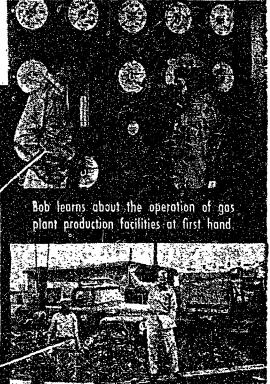
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Gas Preduction Department Operation and Maintenance of Office and Storeroom Procedules......

Bas Distribution Department District Office Operations...... Special Essignments-Division assassassas 2





Directing construction projects in the

