

University Grants Total \$1 Million

(Continued from page five)

\$3,500 from the Forest Service of the U.S. Department of Agriculture.

B. R. Baumgardt, professor of animal nutrition, will make a study of the use of wood products in animal nutrition under a \$5,000 grant from the Forest Production Laboratory of USDA.

The Soil and Water Conservation Research Division of the U.S. Agricultural Research Service has provided \$9,681 for the analysis and synthesis of bed-load formulas for use in soil and water conservation. The research is directed by Samuel Shults, professor of civil engineering.

Research on the physics of cellular synthesis, growth, and division will be conducted under the direction of Ernest C. Pollard, professor of biophysics, under a grant of \$170,000 from the National Aeronautics and Space Administration.

NASA has also provided two other research grants: \$29,664 for a theoretical and experimental investigation of the quantum mechanical effects on communication systems by Gerard Lachs, assistant professor of electrical engineering; and \$18,217 for a study of stabilization for differential systems III by Allan M. Krall, assistant professor of mathematics.

The National Science Foundation has transferred title to the University of property valued at \$102,946 to be used solely for basic scientific research in the department of meteorology. Charles L. Hosler, dean of the College of Earth and Mineral Sciences, is in charge.

Research on electron-photos will be conducted by Heinz K. Hensch, professor of applied physics in the Materials Research Laboratory, with the support of \$12,860 from the U.S. Army Engineer Research and Development Laboratory.

The U.S. Naval Oceanographic Office has provided \$1,400 for a fellowship in advanced studies in geophysics. The fund is administered by Paul M. Althouse, vice-president for resident instruction.

C. Alan Riedesel, associate professor of education, will administer a program in the use of computer-assisted instruction to teach spelling to sixth graders with the support of a grant of \$32,926 from the State College Area School District to the Center for Cooperative Research with Schools.

A graduate assistantship of \$802 for the Fall Term in the department of educational services has been provided by the University Council for Education Administration, Columbus, O. Robert E. Sweitzer, professor of education, is in charge.

A grant of \$3,150 for a graduate fellowship in the electronics material field in the Materials Research Laboratory has been provided by General Telephone and Electronics Laboratories. Rustum Roy is director of the Materials Research Laboratory.

The National Lead Company fellowship in ceramics science, amounting to \$4,700, has been continued for an additional year to June 30, 1968. Ferro Corp. has provided a grant of \$27,272 for research on pigments for ceramics and plastics. Floyd A. Hummel is head of the ceramics science section of the department of materials science.

Harold J. Read, professor of metallurgy, will conduct research on barrel zinc plating of carbide-nitrided steel parts under a grant of \$8,100 from American Electroplaters' Society.

A contribution of \$500 has been made by International Minerals and Chemical Corp. for research dealing with the control of face flies on cattle, conducted by W. G. Yendol, associate professor of entomology.

A contribution of \$1,500 has been made by Chevron Chemical Co. to support research on fruit diseases conducted by F. H. Lewis, professor of plant pathology, at the Arendtsville center.

The Reverend Carleton M. Sage, Tucson, Ariz., has contributed \$300 to support research by W. T. Sanders, professor of anthropology.

Fire Research and Safety Act.

"Here is one area where such an act would help immensely," Campbell told convention delegates today at the Pittsburgh Hilton Hotel. "Federal aid for research could help us develop more effective methods for fire drills and evacuation procedures."

Calling once again for immediate action on the bill, Campbell repeated his admonition that a teacher's responsibility is to evacuate students, not to fight fires.

"If you feel teachers should fight fires, then plan to train a school fire brigade," he added. "But even a school fire brigade should assist evacuation before it attempts extinguishment."

Cites Fire To back up his argument, Campbell cited the Morely Elementary School fire in Detroit in May of 1966.

Safety Expert Warns Of Fire Drill Importance

Too many of today's teachers and school children still view the fire drill as a chance to "goof off" rather than a device that someday may save their lives, an expert on fire safety warned yesterday.

Speaking at the annual convention of the state firemen's association, Edward A. Campbell, of the University, listed the fire exit drill as the most important life-saving exercise a school can offer.

"Fire fighters are too prone to demonstrate fire extinguishers and ways of putting out a fire," Campbell said. Instead, he called on fire officials to use "Fire Prevention Week," Oct. 8-14 to concentrate on showing teachers how to conduct evacuation drills.

More Than a Break "Let's face it," Campbell went on, "in the time it takes to find and operate a fire extinguisher, half the school could easily be evacuated. We must impress on teachers and children alike that the fire drill is more than just a break in the day or a chance to get outside for some sunshine. It's much more important than that."

A research associate in the college of education, Campbell has long made fire safety one of his major fields of interest and research.

He wrote his dissertation on the laws and codes of school fire safety in the 50 states and has published numerous articles on the subject. In addition, last April he was called upon to testify before a U.S. Senate

subcommittee on the proposed new Federal Fire Research and Safety Act.

"One hundred kids were injured in that fire," he said. "It was up to the teachers and school officials to get those students out of there, because it was practically impossible for ambulances and fire fighting apparatus to get through the crowded and congested streets."

"The school is solely responsible for getting its people out when fire first breaks out," Campbell said. "The only fool-proof alternative would be to locate a fire department next door to every school."

Levi Eshkol

Explosives Discovered In Jerusalem

JERUSALEM (AP) — A cache of explosives including three dud grenades was found Wednesday evening on a garden wall at the residence of Israel's Prime Minister Levi Eshkol in central Jerusalem. He was out at the time.

Authorities said they were investigating several possibilities, including a theory that pranksters were involved.

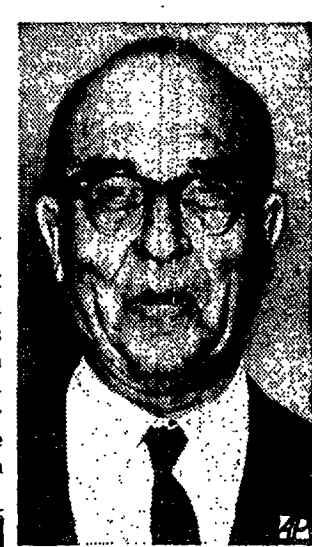
Ghetto Authority Named To Faculty

David A. Schulz, an Episcopal minister and leading authority on the culture and poverty of Negro ghettos in urban America, has been named assistant professor of sociology at the University.

Prior to coming to the University, Schulz served as research assistant on the Pruitt-Igoe Project, a study of Negro ghettos through the auspices of Washington University in St. Louis, Mo.

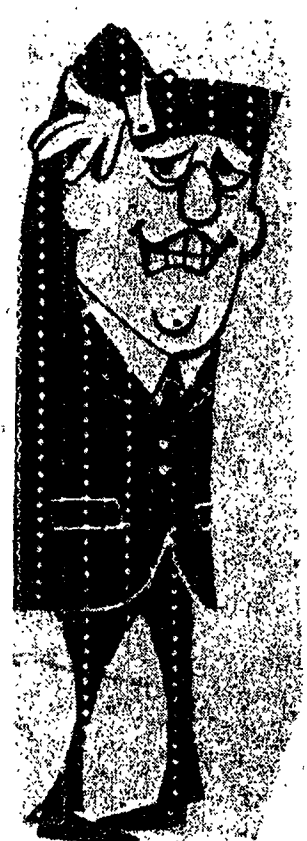
As a researcher, he lived in the ghettos, studying them and gathering information.

Schulz, who will be teaching the sociology of the family and public welfare, obtained his bachelor's degree at Princeton University and his master's degree and doctor of philosophy degree from Washington. He studied theology at Virginia Seminary.



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