

23 Seniors to Receive Funds Granted for Research Service Commissions

Twenty-three seniors will receive commissions at commencement exercises Sept. 1.

They have qualified for the commissions by completion of the Reserve Officers Training Corps program.

TEN WILL be commissioned as second lieutenants in the U.S. Army Reserve. They are Donald Bayard and Norman Berman, both in business administration from Philadelphia; Blair Dodds, arts and letters from Natrona Heights; Edward Getsy, geology and mineralogy from Woodbury Heights, N.J.; Robert Gingerich, recreation education from Seven Valleys; and Robert Hellmuth, mining engineering from Harrington Park, N.J.

Others are Jon Lang, arts and letters from Johnstown; John Learn, electrical engineering from Blandburg; John Patrizio, forestry from Muncy; and David P. Shearer, business administration from Pittsburgh.

Eleven will receive commissions

in the U.S. Air Force Reserve. They are David Bittner, music education from State College; James Dixon, secondary education from Washington, D.C.; David Goodhart, secondary education from Rutherford, N.J.; Norman Hyduck, mechanical engineering from Olyphant; and Wayne Margal, psychology from Hatboro.

OTHERS ARE Gerald McNelly, psychology from Murrysville; Edgar Naujoks, business administration from Philadelphia; Roland Reed, general agriculture from Port Matilda; Barry Stoner, mechanical engineering from Mohnton; Edward White, liberal arts from Sinking Spring; and Donald Woodwell, industrial engineering from Havertown.

John Bertram, industrial engineering from Wallingford, will be commissioned an ensign in the U.S. Navy Reserve, and George Gay, business administration from Tunkhannock, will be commissioned as a second lieutenant in the U.S. Marine Corps.

Three meteorologists at the University have received a \$14,994 grant from the U.S. Chamber of Commerce, Weather Bureau, to do research in the area of short-range weather forecasts at airports. Charles L. Hosler, professor and head of the Department of Meteorology, and Hans Neuberger and Hans A. Panofsky, professors of meteorology, have received this grant.

THE HIGH SPEED of jet planes has brought about the demand for these short-range weather forecasts, according to the grant recipients.

A grant of \$500 has come from the Aluminium Company of Canada, Ltd. for the Department of Horticulture to conduct research in magnesium compounds.

Ernest L. Bergman, assistant professor of plant nutrition, said that a magnesium deficiency in the soil of Pennsylvania is developing into a serious problem. Bergman will conduct the research.

The Department of Horticulture has also received a grant of \$6,000 to support a graduate assistant in the department from the Long-

wood Foundation of Wilmington, Del.

THE GRANT will cover two years and will assist the research of genetics, cytology and breeding of the geranium. Darrell E. Walker, associate professor of plant breeding and acting head of the Department of Horticulture, will direct the research project. He will be assisted by two graduate students.

The U.S. Office of Naval Research is continuing the support of crystal chemistry and high pressure research which it has supported for 14 years at the University.

The grant for this year is for \$30,350. Rustum Roy, professor of geochemistry, and Frank Dacheille, research associate in geochemistry, are in charge of the project.

They are studying the effects of high pressures and temperatures on simple oxides and halides and on a wide range of silicate structures.

The Pennsylvania Flower Growers has presented the Department of Horticulture with a grant of \$2,280 to sponsor a grad-

uate assistant in the department. John W. Mastalerz, professor of floriculture, has announced that the assistant for the next academic year will be Richard Criley, graduate in horticulture from Elizabethtown. Criley is the fourth assistant sponsored by the Pennsylvania Flower Growers.

THE ADVANCED Research Projects Agency of the Department of Defense through the Office of Naval Research has made a \$19,500 grant to the University to support basic research in the material sciences in the departments of ceramic technology and geophysics and geochemistry.

The grant will be used to purchase equipment to determine elastic constants of solids.

Lewis Given \$500 Grant

F. H. Lewis, professor of plant pathology at the University Fruit Research Laboratory at Arendtsville, has received a \$500 grant-in-aid from the Niagara Chemical Division, Middleport, N.Y. The money will support research on the diseases of deciduous fruits at the laboratory.

9 to Graduate With Honors September 1

Nine seniors will be graduated with honors at commencement exercises to be held Sept. 1.

They are among more than 800 candidates for degrees to be awarded at the close of the summer term. Two of the graduates will receive their diplomas with high distinction and seven will be graduated with distinction.

The honor graduates receiving high distinction are Nancy M. Huber, arts and letters from St. Thomas, and Peter O'Connor, meteorology from Ft. Lauderdale, Fla.

Those graduating with distinction include William Clark, the arts from Clearwater, Fla.; Victor Cortez, business administration from Parjeesville; Barbara Eungard, arts and letters from Spring Mills; Stanley Kanoza, business administration from McKees Rocks; Emilie Smith, arts and letters from St. Marys; Marianna Thaden, arts and letters from State College; and Joan Wright, arts and letters from Madison, N.J.

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STUDENTS—Undergraduate and Graduate —earn liberal commissions selling at home football games. Sign up now in 237 Reese, Lion Hall.

LOST

LOST: Small black Leather Women's Purse containing identification, Kathleen A. Moore. Lost 1 a.m. Sunday, Aug. 19 in vicinity of Push and Beaver Streets. Please return to HUB desk.

PERSONAL

TO MFZ: Hello lover, wish you were here. JNM

MISCELLANEOUS

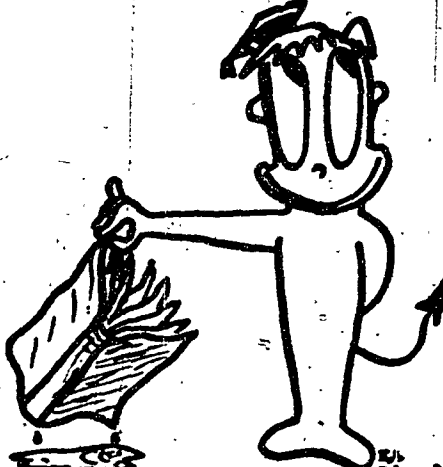
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If you are unable to register Tuesday, you may register at the Court House, Bellefonte, Saturday, September 15 from 9 a.m. to 9 p.m., or Monday, September 17, from 9 a.m. to 5 p.m.

Sponsored by The Young Democrats