

Capitol Scholarship Recipients

Two students from Penn State-Capitol Campus recently earned academic scholarships.

Peter Zedonek, an August graduate from Penn State-Capitol Campus with a Master of Arts degree in American studies, has won a full scholarship and fellowship to Harvard University to pursue a PHD in Slavic studies.

Zedonek, a native of Mar Lin, Pennsylvania, did his undergraduate studies at Schuylkill campus and at Capitol Campus, both part of Penn State University. He graduated from Nativity High School in Pottsville, Pa.

Gary Krupa of Uniontown, Pa., and a student at Penn State-Capitol Campus has been chosen as a recipient of a Bayard D. and Ethel M. Kunkle Scholarship for the academic year of 1974-75. Krupa will be a senior.

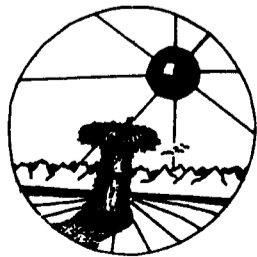
The Kunkle scholarships are awarded to superior students at Penn State's Commonwealth campuses. To qualify, a student must be a full time undergraduate with financial need, who exhibits good leadership, citizenship and professional aptitude in a field of study.

Mr. Bayard Kunkle was a 1907 Penn State alumnus who later became a vice-president of General Motors. Before he died in 1953, he explained that he had attended college only as a result of scholarship aid. His program of financial help to other Penn State students was a means to repay "his debt."

Auburn and Kentucky will meet Penn State in football for the first time in upcoming years. The Lions will resume series with Miami (Fla.), Nebraska and Notre Dame in future seasons.



Penn State has had an All-America linebacker each of the last six seasons and senior Chris Devlin could make it seven in 1974. Coach Joe Paterno rates Devlin "on a par with Jack Ham and John Skorupan," both now stars in professional ranks.



Juniors! Why wait until next year to run the school? Come and help us at the C.C. Reader and who knows what may happen next year.



Ocean Drain Plug Theory Announced

"The more I know the less I want to learn."

- Voigt Lee shortly after his frontal lobotomy.

"The bottom of the ocean," declares Doctor Peter Hall of the Swann Ti School of Esoteric Wisdom, "may be exactly like your bathtub!" Hall, well known throughout the Mid-Atlantic Region for his many dissertations, then went on to explain his recent theory about the possibility of a huge drain plug being located on the ocean floor. Although he has not pin-pointed an exact location, Doctor Hall believes it to be somewhere due east of Nag's Head, N.C.

"Ah, assuming it is in this position, that would, ah, put it in the same spot as Atlantis, the Lost Continent," Hall said. He cites this as being the prime cause for Atlantis' sinking, "You see, the plug popped out for a couple of minutes." Doctor Hall also claims the United States Government has extensive knowledge of the plug but refuses to release it because secret documents on the Watergate Affair have been hidden there by C.I.A. frogmen.

Asked what would happen if the plug were to be pulled for a long period of time, Doctor Hall exclaimed, "It'd be just like Atlantis only bigger! Eventually all the water 'id run down and the whole world would be sucked in. Everything would be just the same only inside out."

At present, Hall is gathering material for an expedition to the plug. "It has, he says, "been hushed up too long."



HOT LION

NOTE: The Hot Lion will be published as part of the Reader for the entire 1974-75 academic year. Deadline for entries is Friday, noon, week prior to publication. Entries can be submitted in Student Affairs Office (W105) until further notice.

Sept. 30 - Oct. 24 ART EXHIBIT - Ament, Suchma and Truesdale Gallery-Lounge, 8 - 5, Mon. - Fri.

Oct. 1 FILM SERIES: Marx Bros. "Duck Soup, Horsefeathers & My Little Chickadee" (Classic Comedies) Student Center, 8:15 p.m.

Oct. 3 ARTIST RECEPTION: Gallery-Lounge, 7:30 p.m.

Oct. 5 SOCCER - Capitol vs York, York, Pa. - 2 p.m.

Oct. 5 GOLF - Capitol vs Ogontz - Altoona, Abington, Pa. - 2 p.m.

Oct. 7 DELTA TAU KAPPA FORUM DISCUSSION: Speaker - Dr. Robert Bressler, "Prospects of the Ford Presidency" Gallery-Lounge, 12 noon.

Oct. 8 CONVOCATION: Speaker - Mr. Hugh Sidey, Time Magazine, Front Lawn, 11 a.m.

Oct. 8 GOLF - Capitol vs Schuylkill, Schuylkill Haven, Pa. - 2 p.m.

Oct. 8 FILM SERIES: "All The Loving Couples" (A penetrating, incisive study of a growing cult, focusing on the frolics of four couples involved in an evening of marital musical chairs.) Student Center, 8 p.m. Admission \$.75.

Oct. 10 GOLF - Capitol vs York, York, Pa. - 1:30 p.m.

Oct. 11 FOREIGN FILM SERIES: "Savages" (A band of savages known as "The Mud People" are lured out of an unnamed jungle by a mysteriously portentous croquet ball. They wander into an elegant, deserted mansion, and begin to take on all the appearance of modern civilization. They then slowly regress again.) Auditorium - 6:30 p.m. - Free.

Oct. 12 SOCCER - Capitol vs Schuylkill, Schuylkill Haven, Pa. - 1 p.m.

Pennsylvania Gas

UNIVERSITY PARK, --- There is enough fuel buried in "vaults" under Pennsylvania to meet the heating needs of the State--and most of New England--for an indefinite number of winters.

The vaults are coal seams and the fuel is methane.

The Pennsylvania State University mining engineer, Dr. Robert Stefanko, has urged the Office of State Planning and Development to take measures to utilize the vast quantity of methane that occurs wherever coal is found.

Dr. Stefanko made the recommendation in a position paper requested by a member of the Governor's staff.

"It is utterly ridiculous," Dr. Stefanko said in an interview, "for United States coal mines to release to the atmosphere 300 million cubic feet of this prime, high-BTU gas each day."

Furthermore, said Dr. Stefanko, methane accumulations in underground mines are responsible for a high percentage of costly down time. Mines are required by law to suspend operations when there is more than one per cent of methane in the mine atmosphere.

"In the interest of improved efficiency alone," he said, "we

would do well to consider the tapping off of methane."

Methane "mining" in advance of coal extraction would also make deep mines much safer, said Dr. Stefanko. Fatalities among miners due to explosion of the gas remain high despite mandatory shutdown, increased ventilation, and other measures.

It is the upturn in fuel prices that causes Dr. Stefanko to believe it is time for a new look at methane in the ground.

"When natural gas hovered around five cents a thousand cubic feet," he pointed out, "we could perhaps have afforded to waste vast quantities of it."

"But it is now in the neighborhood of one dollar per thousand cubic feet and this should make methane, which has only to be piped from the ground, a highly attractive means of easing the energy shortage."

Some petroleum operations in Texas and Louisiana, says Dr. Stefanko, have been flaring natural gas and methane--burning it in the air--for years.

The first step toward methane utilization, says Dr. Stefanko, would be to take an inventory of the actual methane content of major coal seams.

This has already been done, by the U.S. Bureau of Mines for only one seam in two counties in Pennsylvania, Greene Co. and Washington Co.

They are believed to contain about half a trillion cubic feet of methane.

"I am urging that we immediately develop a methane data bank for all Pennsylvania coal seams," says Dr. Stefanko, professor of mining engineering.

Tapping the methane from deep mines would also relieve one of the hazards to life in the mining industry, he points out.

"Fatalities from coal mining have diminished, in recent years, in every facet except for explosions due to methane accumulation. Since we are now going deeper for our coal--down to 1,000 feet or better--that danger will increase unless the methane is tapped off."

Deep coal seams tend to trap methane more effectively than more shallow seams, where natural fissures often permit some of the gas to escape.

"And tapping it off for productive use seems the sensible thing to do now that the price of natural gas, oil, and coal itself has so greatly increased."