Events



By KAY MILLS While black diesel engine may be a nuisance, they may contribute less to air pollu-tion than the exhaust from whiles using gasoline engines, Wolfgang E. Meyer, professor of mechanical engineering, said re-wThe diesel engine is not a big "The diesel engine is not a big

gases into the atmosphere, known as "blowby," is being studied here as one armeter of afterburger studied here as one aspect of the complex and serious problem of air pollution, he said.

Meyer added that exhaust and fumes of the gasoline engine have already been studied and that he has been given a \$5.489 grant by the U.S. Public Health Service to: analyze diesel blowby.

"Even though diesels are noisier tribute to air pollution." and heavier than gasoline engines, they are used in trucks, buses and now some taxis and small deliv-

Three components of exhaust and fumes contribute to air pollution, Meyer said. One com-ponent, such as carbon monoxide and oxides of nitrogen is dangerous in itself, he said. Another, unburned particles in exhaust, reacts with elements of the environment and then becomes harmful, he added.

"In California," Meyer said, "unburned hydro-carbons from exhaust react under the warm sun with elements in the atmosphere to form smog. This smog can irritate the eyes and is dangerous to plants. Its effects on respiratory systems are not yet fully under-stood."

Los Angeles suffers more from smog than other areas because of its climate and location in a "bowl," Meyer said. The area's high temperature speeds reactions between the undesirable parts of exhaust and elements in the atmosphere, he said, adding that little wind circulates in the bowl to clear the smog.

"Effects of air pollution in the East come more directly from the exhaust components than their re-action with the atmosphere," Meyer said.

Discussing the third element in air pollution, Meyer said, "Some partially burned hydro-carbons may also be harmful to the eyes Others have caused cancer in rats

Hat Society Program

Scrolls, senior women's hat society, will sponsor a program to introduce students, especially sen-ior women, to the University Placement Service at 8 tonight in 111 Boucke.

"The diesel engine is not a big offender because it does not seem to give off as many elements which cause air pollution as does the gases into the atmosphere, known as "blowby," is being tudied hore or or of afterburners is a control to gase of a contr

Use of afterburners is a costly **SOCCER**, Pitt, 2:30 p.m., varsity rocess, Meyer said; their initial soccer field next to ice skating process, Meyer said; their initial cost is from \$150 to \$200.

"If required by law in order to cut down pollution, after-burners might raise the cost of automobiles so much that use of diesel engines might spread. Before this happens, we must know how much diesels con-

In studying the components of to the public diesel blowby and how they may TIM MOVIE, "Hemo the Great," contribute to air pollution, Meyer ery trucks because they consume contribute to air pollution, Meyer less fuel," Meyer said. will measure the amounts of varwill measure the amounts of var-ious gases from a representative Thursday truck diesel engine and will de- CHAPEL SERVICE, "The Ans-

ditions, he said, but they will also SIGDENT MOVIE, "Ballad of a Soldier," Russian film, 3, 7, and deal with the effects of wear, poor 9 p.m. HUB assembly maintenance and improper adjust-ment on blowby. 8-12 p.m.

of the Week

rink

Tomorrow PSYCHOLOGY LUNCHEON COLLOOUIUM, Jerome Singer, assistant professor of psychology will speak on "Cognative, So-sial and Physiology, Deter-minants of Emotion," 12:30-2 p.m., HUB dining room A, open

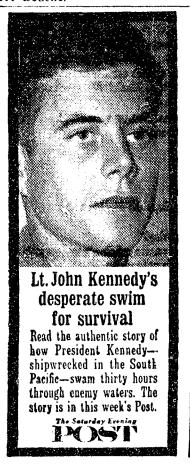
Bell Science Series, 1 p.m., 6

termine their noxiousness. The investigations will not only senhower Chapel concern engines in optimum con- STUDENT MOVIE. "Ballad of a

Hill Opposes Elex Representation

The proposed system of repre-willingness by putting in an ef-sentation by living areas for Stu-fective apprenticeship in the coldent Government Association elec-tions was opposed last night by After serving this apprentice-Ervin Hill, president of Inter-Col-ship, students who have gained lege Council Board. the confidence of their fellow lege Council Board.







*Tareyton's Dual Filter in duas partes divisa est!"

0

says Lucius (Dead-eye) Claudius, crack marksman of the XVI Cohort catapult team. "People come from Nero and far for Tareyton," says Dead-eye. "Vero, Tareyton's one filter cigarette that really delivers de gustibus. Try a pack and see why the whole gang in the cohort is forum."

