

Home Economics Board

Students Given Unique Opportunity

By JACKIE SNYDER
A unique opportunity has been given students of the College of Home Economics in the form of a Student-Faculty Board. The board provides an informal method of communication among presidents, elected representatives of the seven student organizations and the dean of the college, in an effort to improve student-faculty relations.

Officers of the board are Phyllis Bonn, president; Holly Barr, vice president; and Marcia Herr, secretary-treasurer. The purpose of the Student-Faculty Board, according to its constitution, is "to represent the entire student body and faculty of the College of Home Economics in united planning and working for an even better college; to discuss proposed changes in the college; and in general, to further cooperation and coordination among all those who constitute the college."

Views, news magazine of the college; Greeters; Home Economics Student Council; Phi Upsilon Omicron and Omicron Nu, home economics honorary societies; and the Graduate Club, made up of home economics graduate students. Each of these organizations reports its activities to the board, and thus news of events of one organization can travel to others and activities coordinated. Also, organization heads may bring problems before the board and other members, who may have encountered similar obstacles, can offer suggestions to solve them.

Discussions are usually held as a part of the meetings to raise questions or problems concerning matters of interest to the college and to the University. For example, at the meeting held Tuesday, members discussed the problem of student-faculty relations with Dorothy J. Lipp, dean of women. During these discussions students and faculty members have a chance to exchange ideas and widen their understanding of the matters discussed.

University Wives, Mothers Form 'Penn State Dames'

Wives and mothers of undergraduate and graduate students unite! The Penn State Dames is an organization which brings together wives of University students for social activities, monthly lectures and even a tea.

The Dames have been on campus since 1921 and comprise one of 95 national chapters. The group was established after World War I with the provision that members be "wives or mothers" of students. This is the only requirement for Dames membership, although there are presently no mothers in the club. The next meeting will be held at 8:30 p.m. March 10, in Home Economics South. The speaker has not been announced.

Samuel Beckett's "PLAY" A Graduate Thesis Production March 9, 10, 11 Little Theatre (Basement, Old Main) Perf. at 7:30 and 9:00 Tickets - FREE See Mr. Beyer 105 Arts II 12-2 daily

Arnold Air Society Meet Calls Duquesne Outstanding

Duquesne University was named outstanding area squadron at the Arnold Air Society regional conclave last weekend at the Holiday Inn and Westley Parkway High School. Other winners were Syracuse and Duquesne University drill teams, first and second place respectively.

The little general contest at the national conclave April 14 at Howard University, Washington, D.C. The outstanding area Angel Flight award was presented to Duquesne. By virtue of this award, the school is now eligible to compete for the Purdue Cup at the national conclave.

Prussia Grad Center To Offer Night Classes

The University's King of Prussia Graduate Center will offer eight courses during the spring term, with classes being held from 7-9 p.m. on Monday and Wednesday or Tuesday and Thursday.

Engineering Analysis; Engineering Mechanics 524; Mathematical Methods in Engineering; Engineering Mechanics 530; Solid State Mechanics; Industrial Engineering 511; Experimental Design in Engineering. Mathematics 409; Probability and Statistics; Mathematics 451; Functions of Several Variables; and Mechanical Engineering 504; Advanced Engineering Thermodynamics.

For Good Results Use Collegian Classifieds

Committee--

(Continued from page one) cy and efficiency of educational programs of the Commonwealth Conference Called. The conference was called to get the reaction and ideas of numerous business, civic, education, labor, and political leaders of the state. About 135 attended. They heard Scranton say that quality education in Pennsylvania "is not to be obtained only by appropriating more money."

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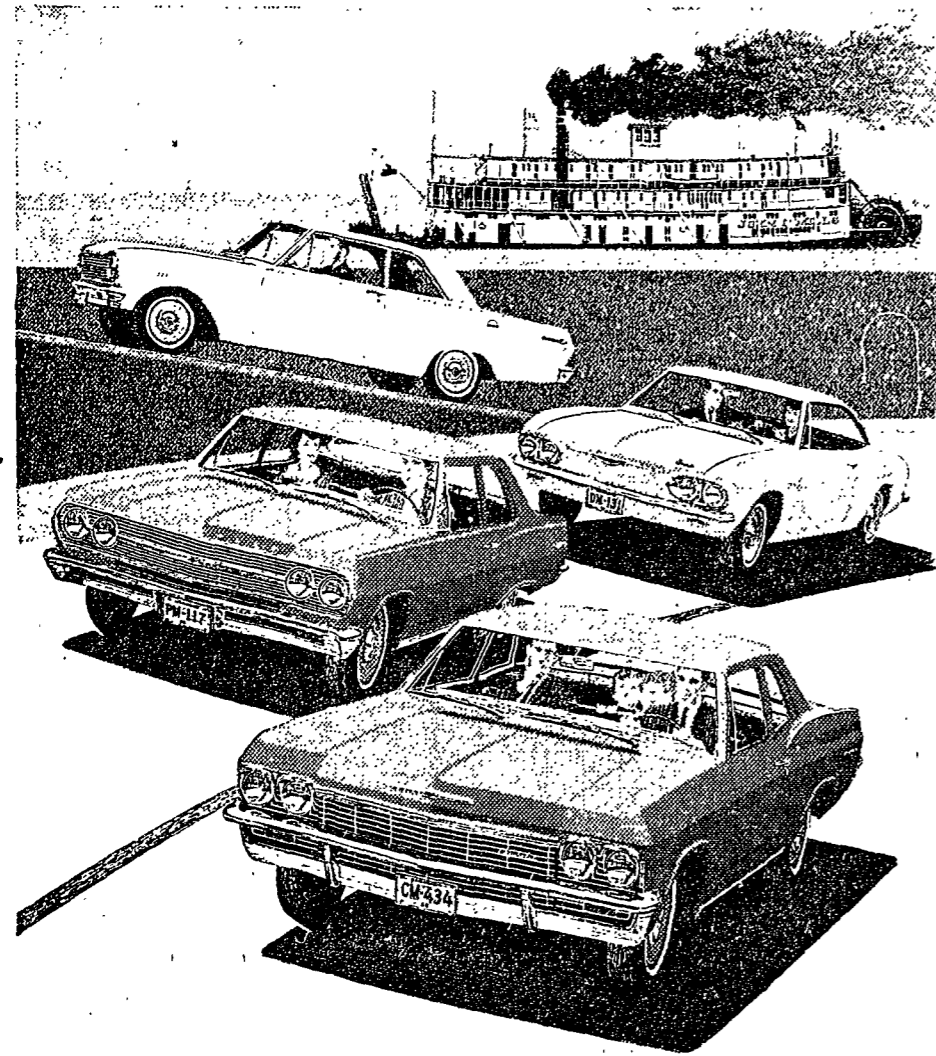
TAU EPSILON PHI Honors its Pledges at a WINTER PLEDGE FORMAL

to be held at Holiday Inn

Friday, March 5 8:30 p.m.

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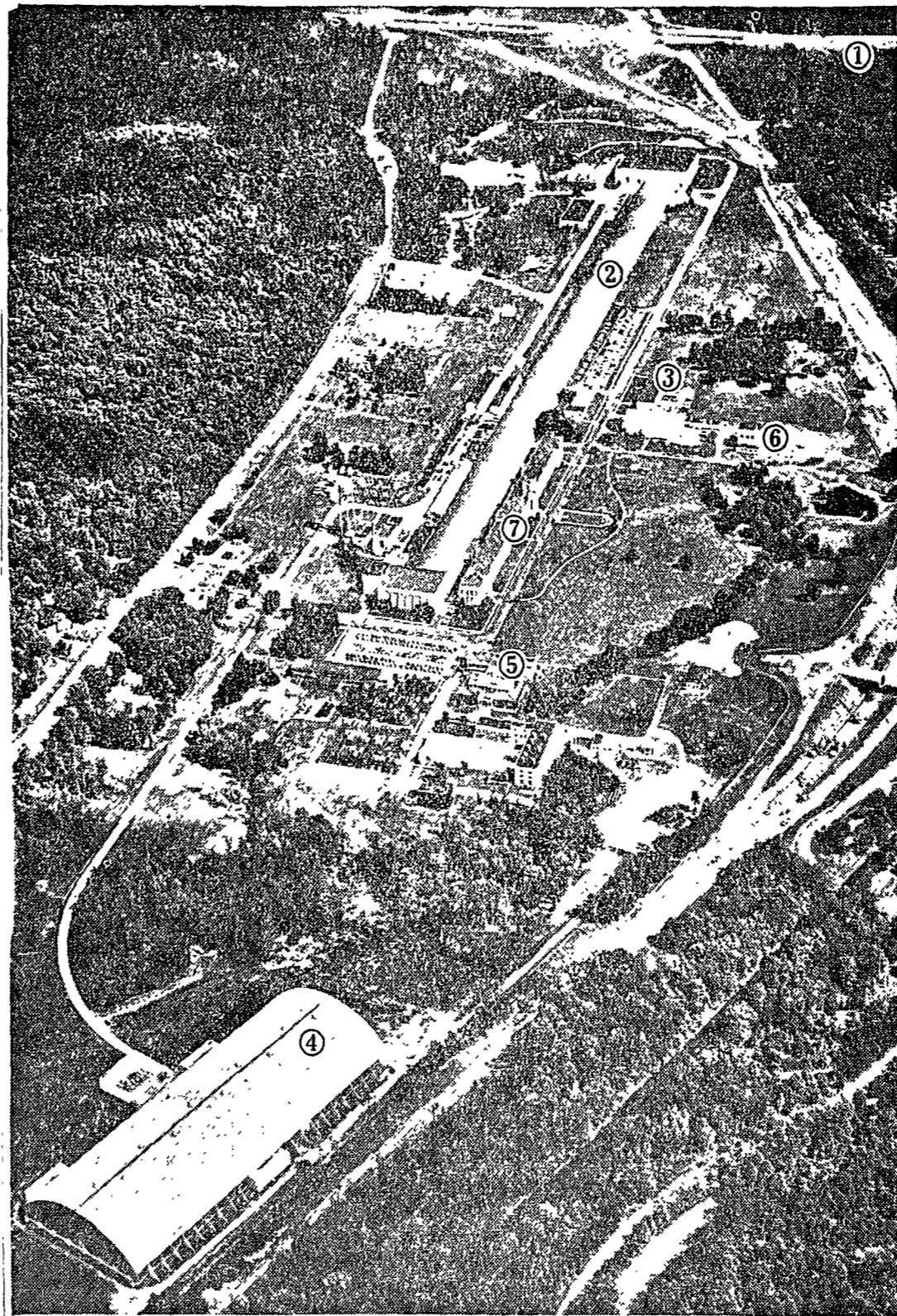
Chevrolet, Chevelle and Chevy II are available with the Turbo-Thrift Six for fuel economy, quick warmups, quiet idling. It's light, efficient, smooth and spirited.

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Of course, from this height you can't see much detail, which makes the imposing expanse of the two main buildings all the more intriguing. Perhaps you can guess their functions, but it's also what you can't see (and this is summarized in the adjoining column) that makes the David Taylor Model Basin a completely unique fundamental and applied research organization—

- 1. Reach the \$10,000 to \$12,000 level WITHIN 4 YEARS. 2. Take graduate courses for advance degree with Navy help. 3. Gain diversified RDT & E experience with the best equipment and facilities of their kind. 4. Work on research projects of recognized national importance. 5. Attain recognized professional stature sooner, at which point a number of futures are available.

Watch for the David Taylor Model Basin interviewer when he visits your campus, or contact Mr. S. Di Maria directly for information.

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- 1 The Washington Circumferential Highway allows speedy access to best suburban communities in the District of Columbia, Maryland, and Northern Virginia. 2 HYDROMECHANICS LABORATORY facilities include this High-Speed Towing Basin almost 3/5 OF A MILE LONG, 50 feet wide, and 20 feet deep. This Laboratory is concerned with speed, stability, control and seakeeping qualities of floating or submerged naval designs, and with fundamental naval hydrodynamics. 3 APPLIED MATHEMATICS LABORATORY facilities include the latest, largest computer systems, and feature the LARC, the IBM 7090, and a 1401. This is BuShips' primary computing facility, working on engineering, research logistics, and numerical methods. Work carried on here involves mathematic simulation of the life cycle of nuclear reactors; automatic calculation of ship lines; and applications of computers to management problems. 4 In this giant new Maneuvering and Seakeeping facility, both fixed and free-running models may be tested under any sea-state condition. You may also work with the High-Speed Phenomena Division at Langley Field, Virginia. 5 AERODYNAMICS LABORATORY facilities include several wind tunnels—ranging from subsonic through hypersonic at Mach 10—which are used to determine and improve static stability, control and heat transfer characteristics of helicopters, VTOL's, supersonic aircraft, missiles, etc. Air flow studies also involve bomb design, bridge structures, aircraft turbulence when approaching carriers, and other government and private problems. 6 The unique STRUCTURAL MECHANICS LABORATORY facilities at Carderock are the new pressure tanks which permit the study, by means of large structural models, of the hull structures for deep diving submarines and deep sea research vehicles to reach all ocean depths. Additional Structural Mechanics Laboratory facilities are scattered throughout the 186 acres, and include a tridimensional Static-Load Frame, a Pentagonal Test Pond, Explosion Pits, and a 600,000-Pound Universal Testing Machine. With these facilities, Laboratory scientists and engineers conduct studies aimed at improving the hull structure and increasing the resistance of the Navy's ships to enemy attack. This requires development of fundamental, theoretical approaches of load and response, and development of engineering solutions based on the increased understanding. A substantial portion of the ship protection research is carried out at the Underwater Explosions Research Division of this Laboratory located at Portsmouth, Virginia. 7 The ACOUSTICS AND VIBRATION LABORATORY was just established to intensify research and development of ships of improved detection capability, and reduced vibrations and underwater sound output. Fundamental and applied research in hydrodynamics, structural acoustics, mechanical vibrations, and signal processing are supplemented by conduct of acoustic and vibration trials, and development of acoustic and vibration instrumentation.

The OPERATIONS RESEARCH GROUP cannot be pinpointed as easily because it ranges over all the RDT&E activities at the Model Basin—hydrodynamics, structural mechanics, aerodynamics, and applied mathematics. Special applications today are in the fields of naval architecture, ship silencing, ship protection, and weapons effects... setting realistic performance goals for ships and submarines in view of probable environmental factors... handling special externally-generated projects that tie in with DTMB capabilities... and making recommendations to the Technical Director as to improving research methods and orientation.

To staff these five operating Laboratories, we are seeking college graduates with BS, MS, or PhD degrees in Aerospace, Electrical, Electronic, Mechanical or Structural Engineering; in Applied Mechanics, Mathematics, Physics, and Naval Architecture.

INTERVIEWS Representatives from The David Taylor Model Basin will hold On-Campus Interviews Friday, March 12th Please contact your College Placement Officer to arrange an appointment.