FRIDAY, MARCH 5, 1965 THE DAILY COLLEGIAN, UNIVERSITY PARK, PENNSYLVANIA PAGE THREE **Research** Importance Campus Pacs for Men, Too EPISCOPAL SERVICES during LENT **Termed Far-Reaching** The Hetzel Union Building deodorant soap, hair cream, interested and were just not Special Events committee is after shave lotion, Absorbine able to attend the meeting. offering a new feature in the Jr., No-Doz tablets, eye drops, HUB this weekend. The will be a final meet-ing at 7 p.m., Wednesday. It Wednesdays at 9 p.m. By CLAUDIA HELSEL The importance of research rand low starch for many fields has been far-the interested faculty member. To obtain research grants, the interested faculty member. The wall has a facult for more than the interested faculty member. The material from coal cult for the program the interested faculty member. The material from coal cult for the program the interested faculty member. The material from coal cult for the program the interested faculty member. The material from coal cult for the program the interested faculty member. The material fr The Holy Eucharist Fridays at 3 p.m. Evening Prayer Stations of the Cross Eisenhower Chapel To obtain research grants, in which he states his project in detail, tells how much it would cost, and also gives his qualities. Mitte discovery of new knowledge is the role of research ground in the education of the University offers grant companies. If the sponsor is grantes. Marcording to Ralph E. Mont of Correspondences of the University area of the University of these for the entry of the University area of these for the education. Marcording to Ralph E. Mont of Correspondences of the University area of the University of the Entry of these reductes. Marcording to Ralph E. Mont of Correspondences of the University of the Entry of the Service Dereductors. Marcording to Ralph E. Mont of Correspondences of the University area of the Entry for these are the federator of the University area of the Entry for the Service Dereductors. Marcording to Ralph E. Mont the Entry functional Science C Foundation. Marcording to Ralph E. Mont the essearch Laboratory. Marcor nance Research Laboratory which is sponsored by the De-partment of the Navy. Other important sponsors include the National Science Foundation, National Aeronautics and Space Agency, Atomic Energy Commission, and the Depart-ment of Aericulture. ment of Agriculture. The sources of support fall into two categories, Montgomery said. The federal govstudent's living quarters unauthorized by said student shall be in accordance **MSU Present Housing Petition** promising for women students," he ernment supplies the largest amount of funds. The other said. Dean Anderson noted that there was a "leveling of careers" for men and women. "It is now perfectly prop-er to go into fields that previously were dominated by either men or wom-en." LeBaron said that the pattern of employment for women is now "in and out" throughout their lives and A petition signed by more than with state and federal laws, especially category is non-federal funds, which include companies, foundations, individuals, and state, local and county govthose regarding search and seizure. 4,200 (15 per cent) Michigan State University students and calling for more **College Coeds Discriminated** liberal housing rules has been preernments. sented to officials of the University's Some of the most significant Women are discriminated against student affairs office by the Commitresearch projects in recent years have been: The discovery in higher education because of the out" throughout their lives, and tee for Student Rights (CSR), CSR is that their education must recognize this pattern. "The emphasis today is limited housing available to them, acby University physicists that the hydrogen atmosphere suran unchartered student group organcording to two representatives of state ized during January to protest the lack of effective communication between the students and the faculty and adon giving women a basic professional education which will serve as a launchrounding Jupiter is ten times deeper than the highest pre-vious estimates; the patenting universities. The difficulty in providing pad even a decade later for fur-ther study or training," she said. ing housing for women and state uniministration. versities' traditional insistence upon of a method of producing powdered milk that retains The housing petition was circu-lated to gauge student sentiment for liberalization of housing rules after supervised dormitory housing for wom-No Cars Tilí Student Aid Cut en have cut off a number of qualified full flavor and caloric content; and a microbiologist's identi-fication of a class of organisms women from university entrance, Helen a subcommittee asked interested stu-dents to present their ideas to help Officials at Lehigh University re-LeBaron, Dean of the College of Home Economics of Iowa State University, cently announced that students receivbelieved to be the most abundthe subcommittee make recommendaing financial aid will not be permitted ant form of life on earth. has said tions for future policies. The subcom-mittee includes three faculty memto own or operate a car in the Bethle-hem area unless they are willing to take a \$300 cut in their aid. A study conducted last year revealed that 63 students receiving aid did not note on their financial aid application that they had cars on campus. Theron L. Kropp, avanuity concriticut for the Committee In every other aspect of women's education, however, "more and more programs are opening to women," she said, "The old tendency to keep girls Agricultural Advances The agricultural scientists bers, three appointed student members introduced the following new and two members of the student affairs office. crop strains during the year: Pennchip, a new potato va-riety for chipping and table out of fields like veterinary medicine The four recommendations called for by the petition are among 12 pro-posed earlier by CSR, intended to lead to improvements in the atmosphere for is changing now." George Kramer, Dean of Admis-sions at Rutgers College, viewed the limited space in liberal arts colleges as the single source of discrimination against women. "In the state of New Jersey," he said, "about half of the high school seniors who intend to go to college are women but only one executive secretary for the Committee on Undergraduate Financial Aid, said Arrow Decton . . . bold new breed of shirt for a bold new breed of guy. Jam it. Squash it. the committee felt that "the owner-ship or operation of motor vehicles by undergraduates is a luxury, not a intellectual and social development in Give it a pushing around-all day in class, all night at a party. This Arrow Decton oxford **Probation Given** the University. The four proposals are: fights back. Defies wrinkles. Keeps its smooth composure through a 25-hour day. It's all in •Students over 21 may live in housing of their choice, subject only To Six Students

-Rule Infraction

Six male students received disciplinary action during the past week.

A North Halls resident, aged 18, was suspended until the end of the summer term 1965 for fradulent use of telephones and vending machines. The tudout's patient was a superstudent's action was com-pounded by a shoplifting charge.

Two sophomores were sus-pended until the end of the

to local, state and federal laws. • Juniors and seniors, regardless

of sex or age, may live in housing of their choice with parental consent, sub-ject only to local, state and federal laws. •Senior women, and those wom

e Senior women, and Inose wom-en over 21, living in residence halls, shall have no hours; junior women shall have no hours Friday and Satur-day nights. Hours for other women shall be 12 midnight Sunday through Thursday, 1 a.m. Friday and 1:30 a.m. Saturday. Saturday.

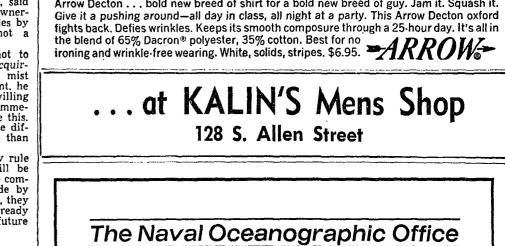
• The University shall respect the students' civil rights and liberties on summer term for spending a and off campus; any entrance into a

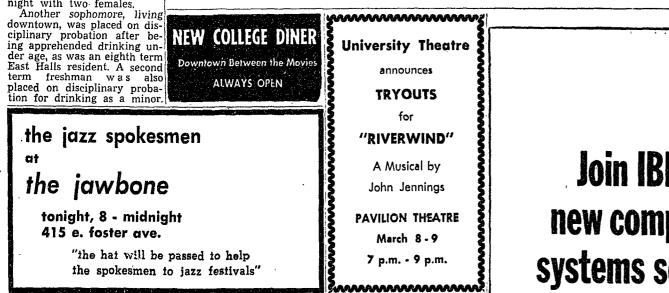
to college are women, but only one-third of the student population in lib-eral arts colleges is female." This imbalance comes from the limited hous-ing available for women students, he

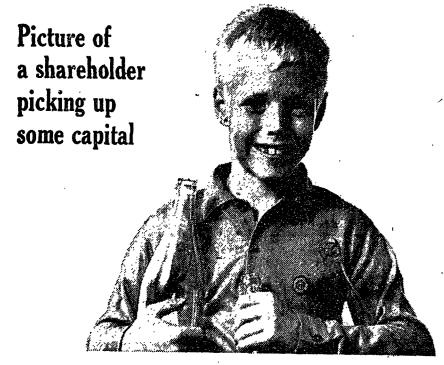
Other educators have noted that for those women who do get into college the barriers of discrimination in specific fields are breaking down. Vernon Anderson, Dean of the College of Education at the University of Mary-land, said that although the opportunity is almost unlimited, "girls seem to shy away from science and math. But the tremendous shortage in fields like industrial arts make them very

"We're out to help kids, not to shoot them down," Kropp said. Acquir-ing a college education is the mist important objective of the student, he said, and the student must be willing to save files some of the more importo sacrifice some of the more imme-diate luxuries in order to achieve this. But he added that "students have dif-ficulty thinking in terms other than the immediate." A few exceptions to the new rule

A few exceptions to the new rule will be permitted, but they will be limited primarily to students who com-mute. Students who fail to abide by the regulation "will lose their aid, they will be billed for that part already used, and all consideration for future financial aid will be forfaited." financial aid will be forfeited."







One shareholder of an electric company is a boy who got the money to buy his first share by collecting and returning empty pop bottles.

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needs engineers as well as oceanographers for its long-range research program

The sharply-increased emphasis on finding ways of exploiting "inner space" has opened new and broadened opportunities involving the design, development, testing and evaluation of electronic, mechanical, electromechanical, and optical instruments and systems. Electronic engineers, mechanical engineers and engineering physicists carry out challenging assignments in modern laboratories, in managing systems development with industry, or conducting field experiments in ships, submarines and aircraft. So, when we speak of a long-range technical and scientific research/program, we speak of a massive effort over the course of years in these important areas:

1/ General Oceanography-the physical, biological, chemical, and geological makeup of the oceans and ocean floor. Not only does this involve the study of waves, sea ice, tides and currents . . . but also the propagation of sound and sonar in the sea ... the analysis of the sediments on the bottom as they might apply to undersea warfare . . . and biological reports on marine vegetation, animal life, and organisms with special regard to fouling and boring.

2/ Geophysical & Geodetic Surveys-on land and at sea. Analyses and measurements of gravity and magnetic fields to provide accurate positional data for the Navy (sites for missile range stations, air and marine naviga-/ tion aids, etc.)

3/ Bathymetry-use of new precision electronic depth and location techniques to accurately portray ocean floor. Survey ships the world over are probing the ocean depths in the deepest regions of the world to improve nautical charts, and enlarge scientific understanding of heretofore unknown environmental elements.

4/ Oceanographic Instrumentation-involving the latest principles of electronics, optics, and nucleonics, EE's and ME's initiate and carry out contractual systems programs with industry, and perform hydrodynamic studiés leading to the design of components for instrumentation.

5/ Information Processing-through the use of computer systems. Pro-gramming of statistical, scientific and technical data such as Loran navigational tables and survey coordinates ... sea water densities ... underwater sound velocities . . . dynamic depth and grid transformations.

6/ Cartography-including modern portrayals of charts, reports, and diagrams required for navigation by the Navy and Merchant Marine. Designing charts showing depths, contours of the ocean floor, channels and shoals, coastal topography, etc., with the aid of aerial photography and photogrammetric equipment.

From the foregoing it should be obvious that oceanographic research today and in the future offers a new horizon of opportunity for talents not ordinarily thought of as related. Among those talents needed immediately by the Oceanographic Office are Mathematicians, Physicists, Chemists, Meteorol-ogists, Cartographers, Geophysicists... and Engineers of all kinds (Civil, Electronic, Mechanical and General). Openings exist at all levels, from recent graduates to recognized authorities in the \$8945 to \$13,445 range, with the full benefits of Career Civil Service.

You must have your degree, and a U.S. Citizenship. Other than these "musts", you should be able to offer an applied research capability in your specialty, and a willingness to spend a reasonable amount of time on field work involving travel.

ON-CAMPUS INTERVIEWS Representatives from the Naval Oceanographic Office will be on campus Fri., March 12th, 1965, Penn State. Contact your Col-lege Placement Officer to arrange an interview.

U.S. Naval Oceanographic Office SUITLAND, MARYLAND (LOCATED JUST 7 MILES SOUTHEAST OF THE WHITE HOUSE) AN EQUAL OPPORTUNITY EMPLOYER