

# Placement Interviews Set

Representatives of more than 70 business firms and school districts will be on campus within the next month to interview students for jobs.

Information on the following interviews is available from the University Placement Service, 12 Grange. Asterisks indicate employers who will be interviewing for both permanent and summer positions:

- GENERAL PLACEMENT**
- Acme Markets, Jan 29, BusAd, LA, Merch
  - Bellhjem Steel Corp, Jan 29, 30 & 31, Most majors
  - Public Service Commission of Canada, Jan 29, Grad degrees in Electron, Math, Most majors in AgSc, BIoSc, ForestSc, MInSc, PhysC
  - Carborundum Co, Jan 29, BusAd, Cer, Chem, Math, Mktg, All Engr
  - Continental Can Co, Jan 29, Acclg, BusAd, Chem, LA, Metal, All Engr
  - Hamilton Watch Co, Jan 29, BusAd, LA, Mktg
  - International Harvester Co, Jan 29 & 30, Acclg, AgE, BusAd, CE, EE, GenE, IE, ME, Mgt
  - Jersey Central & New Jersey Power & Light, Jan 29, Acclg, EE, ME, Any Engr for sales
  - Lybrand, Ross Bros & Montgomery, Jan 29, Acclg, or well equal other majors with acclg interest
  - Pittsburgh Plate Glass Industries, Jan 29, 30 & 31, BusAd, Cer, ChE, Chem, Econ, EE, EngrMech, EngrSc, IE, LA, Math, ME, PetroE, Solid State Tech
  - Pittsburgh Steel Co, Jan 29, BusAd, IE, LA, ME, Metal
  - Keythron Co, Jan 29, PhD degrees in most Engr & Phys Sc areas
  - Union Carbide, Group 1 Divs, Jan 29 & 30, ChE, Chem, EE, ME, MBA with tech BS
  - Xerox Corp, Jan 29, Acclg, BusAd, Chem, CompSc, EE, Fin, Engr, IE, Physics, Any major for sales
  - Acme Markets, Jan 30, Assoc degrees AgBus
  - American Can Co, Jan 30, Acclg, BusAd, Chem, Physics, All Engr, Any major for sales
  - Armstrong Cork Co, Jan 30 & 31, Acclg, ChE, Chem, CE, EE, IE, ME, Any non tech major for Mktg
  - Conspoleum Nairn, Jan 30, BusAd, Ed, LA for sales
  - Eastman Kodak Co, Jan 30 & 31, ChE, Chem, EE, EngrMech, EngrSc, IE, ME, Physics
  - Liberty Mutual Ins Co, Jan 30, BusAd, LA, Most tech majors, Any major for sales
  - New Jersey Zinc Co, Jan 30, ChE, Chem, CE, EE, IE, ME, Mine, MeIE
  - TRW Inc, Equip Operations Div, Jan 30, ME, Metal
  - Trane Co, Jan 30 & 31, Most Engr majors
  - Corn Products Co, Jan 31, ChE, EE, ME, PhD degrees only in Chem, Microbiol
  - Duquesne Light Co, Jan 31, CE, EE, ME, Mine
  - Rockwell Manufacturing Co, Jan 31, ChE, EE, IE, ME, Bus Ad, LA, Any Engr for sales
  - Square D Co, Jan 31, EE, IE, ME
  - Stimm Associates, Jan 31, CE

- U.S. Steel Corp, Jan 31 & Feb 1, Acclg, BusAd, Econ, Fin, Mktg (major & minor), Most tech majors, Any major with interest & aptitude for fin mgmt
- U.S. Army Corps of Engrs, Pittsburgh Div, Jan 31, CE
- Abex Corp, Feb 1 & 2, Acclg, EE, IE, ME, Mgt, Any Bus or Engr major for sales
- Carnation Co, Feb 1 & 2, BusAd, Chem, DairyMgk, Dairy Sc, EE, Food Sc, IE, LA, ME, Mgt
- \*P. H. Glatfelter Co, Feb 1, ChE, Chem, CompSc
- Goodyear Tire & Rubber Co, Feb 1 & 2, Acclg, BusAd, ChE, Chem, IE, ME, Mgt
- Mohr Chemical Co, Feb 1, ChE, Chem, ME, Any Engr major for sales
- North American Rockwell Corp, 5 Divisions, Feb 1 & 2, Most degrees in Math & most tech majors
- Penna Electric Co, Feb 1, ChE, CE, EE, ME
- Sovik, Mathre & Madison, Architects, Feb 1, ArchE
- \*Sun Oil Co, Feb 1 & 2, Acclg, BusAd, ChE, Chem, CE, CompSc, EE, Econ, IE, Mgt, Mktg, Physics, ME, Any major for sales
- \*Union Camp Corp, Feb 1, ChE, IE, IndMgt, ME
- Ellicott Machine Corp, Feb 2, CE, ME
- Iroquois Gas Corp, Feb 2, ChE, CE, EE, IE, ME, Petro & NGE
- Singer Atomic Corp, Feb 2, ChE, Chem, EE, Math, ME, Metal, Physics
- Wheeling Steel Corp, Feb 2, BusAd, ChE, Chem, CE, EE, Fuel Tech, IE, Mgt, Math, ME, MeIE, Physics
- U.S. Navy Underwater Sound Lab, Feb 2, EE, Math, ME, Physics, Tech major with English or English with tech subjects for Tech Writer

- TEACHER PLACEMENT**
- Cooperative College Registry, Feb 5 & 6
  - Jackson School District, Jackson, N.J., Feb 5
  - Northampton Area School Dist, Pa, Feb 5
  - North Shore Schools, Sea Cliff, N.Y., Feb 5
  - North Penn School Area, Pa, Feb 5
  - City School District, Rochester, N.Y., Feb 6
  - Waynesboro Area School Dist, Pa, Feb 6
  - Coatesville Area School District, Pa, Feb 6
  - Rock State College, Pa, Feb 6
  - Penfield Central School, N.Y., Feb 6
  - Brighton Central School, Rochester, N.Y., Feb 6
  - North Penn School District, Lansdale, Pa, Feb 6
  - Scranton Public School District, Pa, Feb 7
  - East Stroudsburg State College, Pa, Feb 7
  - Plainfield Public Schools, N.J., Feb 7
  - Beltsville Central, Delmar, N.Y., Feb 7 & 8
  - Pine Grove Area, Pa, Feb 7
  - Baldwin-Whitehall School District, Pitt, Pa, Feb 7
  - Cleveland Public Schools, Ohio, Feb 8
  - Central Washington State College, Ellensburg, Wash, Feb 8
  - Community College of Beaver County, Freedom, Pa, Feb 9
  - Scotch Plains-Fanwood Public Schools, N.J., Feb 9
  - Middletown Area School District, Pa, Feb 9
  - Warren in Somerset County, N.J., Feb 9
  - Haverhorst Borough School District, Pa, Feb 9



—U.S. Army Photo

## Pershing Rifles To Have Blast

THE ARMY ROTC DRILL TEAM at the University, the Pershing Rifles, will have a rush smoker tomorrow at 7:30 p.m. in 116 Wagner Building. Pershing Rifles is a national honorary military fraternity devoted to "bettering the military bearing and leadership capabilities of its members." Uniform for the rush smoker will be Class A.

# Engineering Seminars Planned

University's College of Engineering has announced that it will conduct 14 engineering seminars between April and September of this year. The seminars offer continuing education at the professional level for practicing engineers, physicists, chemists, mathematicians, administrators, and architects in industry and at academic institutions. Subject matter is drawn from technical areas of importance to the professional and is intended to keep him abreast of the latest technological developments in various fields. Seminars are:

- Basic Photoelasticity, April 1 to 5. Industrial engineers and technicians will be presented with the basic principles and experimental procedures of two-dimensional photoelasticity coatings. Emphasis will be on procedural techniques and experimental applications to realistic problems. G. S. Holister, professor of engineering mechanics at Penn State, is chairman.
- Advanced Photoelasticity, April 8 to 11. Latest developments in the current state-of-the-art of advanced two- and three-dimensional photoelasticity, including demonstrations and expositions of the latest techniques of model casting and slicing, fringe multiplication, electronic aids, and dynamic studies, will be covered. G. S. Holister, professor of engineering mechanics at Penn State, is chairman.
- Underwater Acoustics, June 2 to 7. Sound transmission in the sea, generation and degeneration of underwater sound, and design of transducers will be among the subject areas for study and discussion. Noise problems, including sources of noise, methods of noise reduction, and the detection of signals in the presence of noise will be covered. Vernon M. Albers, chief scientist, Ordnance Research Laboratory, Penn State, is chairman.
- Vibrations and Vibration Damping, June 13 to 22. Of special value to physicists, engineers, and naval officers concerned with vibration in structures and vehicles and the sound radiated into the surrounding medium as a result of the vibration, the seminar will deal mainly with the problems of the point-mass spring vibrator, material damping, and vibration isolation. Vernon M. Albers, chief scientist, Ordnance Research Laboratory, Penn State, is chairman.
- Industrial Noise and Engineering Control, June 16 to 21. In order to prevent noise-induced hearing loss in an industrial population, a compre-

hensive hearing conservation program must be implemented. This course has been designed to guide persons responsible for such programs and will place particular emphasis on engineering control. Paul L. Michael, research associate, Ordnance Research Laboratory, Penn State, is chairman.

Basic R & D Management Development, June 16 to 21. This seminar is intended for research and development project leaders placed in positions of supervision and administration because of technical competence. These men who constitute middle management are faced with the necessity of developing skills in administration and human relations, and this seminar is intended to help them become more effective executives. Arnold Addison, associate professor of engineering research, Ordnance Research Laboratory, Penn State, is chairman.

Theory and Design of Surface Structures—Slabs, Sept. 9 to 13. The purpose of this course is to introduce the engineer into this relatively difficult field of structural analysis and guide him step by step toward increasing competence and skill in application. Gustav Florin, professor of architectural engineering, is chairman.

Acoustics and Noise Control in Buildings, Sept. 9 to 13. This seminar will disseminate acoustical information to the building industry to achieve better construction and supply both a satisfactory acoustic environment and good hearing condition, and enable participants to solve acoustical problems and determine when additional professional acoustical help is required. Howard F. Kingsbury, assistant professor of architectural engineering, is chairman.

Applications of Composite Materials Seminar, Sept. 9 to 13. This seminar will present a comprehensive review of fabrication of composites and an assessment of the current visibility of composites relative to the more commonly used engineering materials for commercial structural uses. G. S. Holister, professor of engineering mechanics, and Sam Y. Zamrik, assistant professor of engineering mechanics at Penn State, is chairman.

Numerical Solutions in Heat Transfer and Fluid Mechanics, Aug. 4 to 9. Use of finite difference techniques for the solution of partial differential equations describing heat transfer and fluid mechanics problems will be discussed. Frank W. Schmidt, associate professor of mechanical engineering at Penn State, is chairman.

Reliability Engineering Seminar, Aug. 19 to 23. The design and development engineer is faced with having to design more complex equipment to meet increased functional requirements, on the one hand, and providing greater dependability and longer life of the product. This seminar introduces some of the key techniques of reliability engineering. Gerhard Reethof, professor

# Working Abroad Not Free Travel, Cautions Cleeton

"Summer jobs abroad are designed as segments of components of regular travel programs," it was reported to-night. The Rev. Alan R. Cleeton, who has been in contact with placement agencies in Europe, cautioned that "these jobs are not intended to be a free trip to Europe, nor a way of making a lot of money."

"Summer placements abroad are very much like summer placements in hotel and resort areas in the United States," he said. "You can earn your room and board and some spending money, and perhaps some extra for travel after working, but you cannot earn enough to pay for your transportation and other expenses, and certainly not for tuition next fall."

"American Student Information Service of Luxembourg, International Student Information Service of Brussels, Lufthansa Air Lines, National Student Association and other placement agencies all operate on the same basis. Students with language fluency get the better jobs and those who have only basic language skills are placed in almost menial situations where they can earn room and board and small amounts of cash."

"The primary aim of the program," reported Mr. Cleeton, "is to give students something to do if they have no other plans or if they want to have a working experience in another country, which will be valuable if they plan a foreign service or business career later. Some jobs are of short duration—four weeks—but most are for the entire summer, such as would be expected if you went to work in Atlantic City."

"Applicants are guaranteed a job if they are accepted and the job assignment is made before leaving the USA. If they are not accepted, the application fee is refundable."

"Students who wish to enter the programs should apply early and be truthful about their language fluency. Most placement agencies operating on an international basis are now scrutinized by the U.S. Department of State and are faced with the principles of truth in advertising by the Studenttravel Association of America." The Rev. Mr. Cleeton is a member of the national executive committee of the Studenttravel Association.

## Traveler Regains Ticket To Romance

LONDON (AP) — Stephen Cook, 24, met a lovely girl on his vacation and having no little black book, he wrote her name on the back of an airline ticket. He later cancelled his flight and turned in the ticket, address and all. Afterwards, realizing what he had done, he appealed to British European Airways to find the address. The airline combed its cancelled files and came up with the information. A BEA spokesman said, "We hope we have been instrumental in furthering a beautiful friendship."

# One Department Divides Into Two

The department of sociology and anthropology at The Pennsylvania State University will be reorganized, effective July 1, into two departments — the department of sociology and the department of anthropology.

The program in anthropology, which has historically developed within the department of sociology, has reached both the size and distinction to merit the status of a separate department, explains Dr. Kenneth D. Roose, dean of the College of the Liberal Arts.

By separation of the present department of sociology and anthropology into two departments, he says, both will have the opportunity to develop their individual program strengths.

Dr. Donald P. Kent, who has been head of the combined department, will continue to head the department of sociology. A new head for the department of anthropology has not yet been named.

Anthropology, like sociology, is one of the basic social scientific disciplines, though it differs substantially from sociology in its primary emphases on non-Western cultures, the inclusion of time depth—archaeology—and a biological thrust—physical anthropology.

The department of sociology will have approximately 20 faculty members initially, while the new department of anthropology will have 12.

More than 3,000 students at Penn State took courses in the two subjects during the last term.

Dean Roose explains that anthropology at Penn State has been well recognized on both the national and state levels for its research efforts, including its field stations in Mexico, its high-altitude research projects in the Andes Mountains of Peru, excavation work at Sheep Rock in Huntingdon County, and its use of obsidian dating methods.

# Two New Buildings At Altoona Approved

Final plans for two new buildings at the University's Altoona Campus have been approved by the Board of Trustees.

The project, supported by Federal and State funds, consists of a classroom-library building and a laboratory building.

The laboratory will include three chemistry laboratories, two general and one organic laboratory, two independent study laboratories, six faculty offices, a lecture hall, an instrument room for chemistry, and a chemical preparatory area.

The classroom-library building will contain a large reading and stack area, librarian's office, work room, microfilm room, a communications room, music listening room, a language laboratory, and seminar rooms.

In addition, the trustees approved preliminary plans for an addition to Pattee Library, a General State Authority project for which \$4,623,645 has been requested.

An allocation of \$233,740 for planning and design was approved early in 1966 and the preliminary plans were made by Eshbach, Pullinger, Stevens and Bruder, Philadelphia architectural firm assigned to the project.

The new unit, which will have six floors, will be built to the east of the Pattee Library, on a site north of Burrows Bldg.

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