Underground Activity

# **Group Sponsors Caving**

is-finding new depths of enjoyment in the caves of limestonerich central Pennsylvania. The Nittany Grotto, an or-

members and private citizens interested in caving, sponsors organized speleological and maximum safety into the control of the organized speleological work and recreation from its base on campus and at the home of Craig Peterson, vice-chairman of the group. Members of the littany Grotto

spend their leisure time below surface in over 70 caves within 30 miles of State Col-

the Grotto encourages a combination of leisure caving and

JACKET TO TRACK

By CRICKETEER.

Track it down, hereabouts. Traditional, but plaid in a new light.

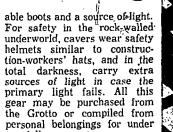
Bolder, crisper, younger. We make this great woollen fabric into jackets of obvious worth. In a selection of colourings the

STATE COLLEGE

Centre counti ns reach new drological makeup of our area. heights in sports and recreation Faculty advisers to the group every year. But one local group include research chemist and NSS President John A. Stell-mack, geochemist William B. White and geologist and geophysicist Laurence H. Lattman.

leave State College three to five times a weel: in search of relaxation and the cavers finest hope, the discovery of passage where no-one else has The more than fifty mem-bers of the Nittany Grotto a year, expeditions to other set foot before. Several times: limestone valleys in West Virginia, Alabama, Texas, Missouri and Mexico draw avid spelunkers to bigger and more A member organization of the beat Iful caverns than one may National Speleological Society, see ever in commercial caves known to Pennsylvanians.

Standard caving equipment scientific research in the study may consist of bluejeans and a of geological, biological and hy- sweatshirt, a pair of comfort-



Since one doesn't see many

caves, he may be wondering where they could be. One answer is the State College lies above an underground cavern, containing a large lake from which part of our water supply is drawn. Arother is . . the University farms in the county, where the university owns entrances to several caves. Private land surrounds the openings of most of Centre County's caves, and one of the Grotto's functions is maintaining good

relations with the owners so

that as many as possible may

see these wonders of water and

ten dollars.



DOWN TO EARTH—Research seldom leaves today's sociologist "up in the air," but it did in the case of Jack Haas of The University. The newly-appointed assistant professor spent nine months studying the life and work of the high steel ironworker in a project that often took him as high as 21 stories above ground with nothing more than narrow steel beams and girders on which

#### Forestry Prof **WELCOME Visits Purdue** STUDENTS & VISITORS , William E. Sooper, associate professor of forest hydrology GRACE LUTHERAN CHURCH



East Beaver Avenue and South Garner Street

Worship

8:15 a.m. 10:30 a.m.

Sermon: Rather Flight Than Switch

#### AWS RESIDENCE HALL ELECTIONS

October 11th and 12th

11:30 A.M. to 1 P.M.

5 P.M. to 6:30 P.M.

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# Sociologist Goes To Top For Data on Steelworkers

row steel girder 21 stories above ground. And for nine months that's exactly what the newly appointed assistant professor of sociology at the University did, collecting data for his doctoral dissertation.

The result: a fascinating account of life with the men who construct steel frames for

buildings and bridges, entitled, "From Punk to Scale: a Study of High Steel Ironworkers." Instead of sending out questionnaires in the mail, Haas went out himself to see sociology as it is. He followed ironworkers at work, he ate with them, drank with them and socialized with them.

If it meant climbing the skeleton frame of a new, high-rise office building or balancing on a steel beam high above ground to talk with one of the men, that's where Haas was. If it meant having a beer with the boys their favorite rough-and-tumble bar, that's where Haas could be found. His purpose was to research the training

and induction of new apprentices into iron-'Hold on for dear life'

"They sort of chuckled when I first asked to go up the steel," recalls Haas, who did his graduate work at Syracuse Univerand I was, I was plenty afraid but what impressed me right away was their seeming lack of fear on the high steel. Their nonchalance and confidence was contrary to my personal feelings. I wanted to hold on for dear life. They treated the danger as if it didn't exist."

Herein lies one of Haas' basic observations—that it's an absolute must for the iron-worker to present a "front" of confidence, skill and fearlessness. To do otherwise, to act afraid or uncertain, destroys the necessary trust and confidence workers must have working together in such a dangerous

"Remember," notes Haas, "a mistake fear either verbally or physically makes one's actions less trustworthy, even threatening."

Harass Newcomers

test that confronts a new "punk" (appren- cally demanding." tice). He doesn't dare "cradle" or "coon" the beam (crawl on all fours like a raccoon), and workers are mostly Indian. Haas points out "seagulling" (walking with arms-wings- that Indians made up only 20 per cent of outstretched to maintain balance) is unac- the local union he studied.

is his reaction to harassment by older work- it demonstrates bravery and courage, as a ers. They constantly tease him, calling him modern day substitute for the warrior of ; names and questioning his competence and old."

lieves in going right to the top—even if it way the group attempts to predict the means perching precariously atop a nar-neophyte's self-control when he's up on the

high steel. "The apprentice's career is intimately tied to his ability to make a favorable reputation with others," Haas reports. "The most important prerequisite for an apprentice's success is to gain the acceptance and respect

of the group."
"Ironworkers as a group control the occupational success of their members." he "They require continuous demonstrations of loyalty and trust and behavior consistent with group expectations. Cooperation and sharing are foremost indicators of group loyalty. The group expects its members to share money, information about jobs and contractors and ways of dealing with outside groups and organizations."

Act Out Expectations Both on the job and off, ironworkers act out the group's expectations and define themselves as different from other American

"The dangerous nature of their work, according to their definition and that of others, leads them to believe they are more courageous and masculine," Haas writes, "They reinforce this identity in their leisure time. Their hierarchy of interests and behavioral expectations include drinking, sex, fighting, demonstrating physical strength and endurance and risk taking, notably, motorcycling, gambling, fast-driving and getting in trouble."

At work, ironworkers are encouraged to move from specialty to specialty observing different career possibilities, But, in spite of this flexibility and wealth of career information, the study indicates that ironworkers do not make long-range career plans. The indeterminancy of the immediate situationwhen and where new jobs will be foundleads them to focus their energies on the problems of finding and staying in work, Haas points out, adding

"They are aware of the positive and may be fatal to one or many. Indicating negative aspects of different career specialities and realize that with age comes a gradual decline in their ability to "run the iron.' They prepare for this eventuality by increasing their skills and knowledge which Success at "running the iron," is the first will allow them work which is less physi-

Contrary to the stereotype that iron-

"Most of them prefer working at the Another major test facing the newcomer top," he said, "perhaps because they feel

### **SUNDAY** WORSHIP

at the University, was invited to visit Purdue University as a "Wright Visiting Scientist",

During Sooper's three-day visit, he will meet with various faculty members to discuss

common researc' interests and

will give two formal talks. He talked to the Forestry Club on the topic, "Forest Watershed Behavior: Facts and Fancy". Yesterday, he addressed a

combined meeting of the For-

estry Gr. 1. te seminar and the Purdue Water Resources

Research Center Seminar on the topic "Water Water Re-novation: The Living Filter Concept".

Shop Collegian Ads

For Customer Service

Methodist

#### **EISENHOWER** CHAPEL

11:15 a. m.

#### Henahan Named Science Info Man

appointed scientific information officer in the department of public information at the Uni-

His duties, it is explained, will include the writing of articles and news releases inlerpreling the University's science and engineering pro-grams. He will maintain liaison with science writers and editors and work with the radio-ters and work with the radio-ters is no section of public in-formation in developing public affairs programs in the set-

opers.

Helore coming to the Valver-slix, iterahan was in charge of radio and television publicly for the American Chemical Section, the American Chemical Section, the was also witer and producer of the Beelety's weakly radio decumentary, "Men and Molecules." A book version of the series, which featured distinguished researchers telling about their work and what ing about their work and wind it meant to the public at large, was published in 1000 by Crown Publishers of New York, N.Y. In addition to bis radio-PV work at the ACS, Hendhan has within them.

written other radio and tole-vision programs, including

John F. Henahan has been news broadcasts for National news broadcasts for National Broadcasting Company affiliates and a television documentary for Channel 13 in Pittsburgh. Over the past few years he has also contributed fiction and non-liction articles to a number of newspapers and managements.

inegezines. Before Joining the ACB, Hen-whan was a research chemist for various tiring. While at anan was a research chemist for various firms. While at Male at Chemical Division of Food Machinery and Chemical Chemical Cheporation, his received allow the continuous for developing the continuous in section of the continuous for developing the continuous in section of the continuous for developing the continuous in section of the continuous for developing the c

remain.

Hendian received a hachelor of science degree in chamistry from the University of Sermiton in 1872. He is a mountain of the Nutland Association of Science Writers, the American Chamient Smilely, and the American Association for the Advancement of Science.

The new scientific between

The new scientific informathe law scientific manima-tion officer was born in Wilken-Harre, Pennsylvania, as was his wife, the former Margaret McCinley, With their fone chil-then, they are now residing in Binte College,

As selentific information of there in the University, he succeeds William E. Small, who rectained to season a position with McCiraw-Hill Co.; Wash-indon, B.C.

UBE COLLEGIAN CLASSIFIEDS

HUB COMMITTEES CAMPUS PACTS ARE coming october 11th & 19th Greund Fleer HUB

in the language?

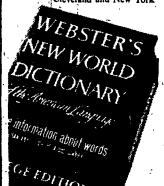
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Breakfast. Large Lounge - Chapel 6:15 p.m. The Holy Communion

7:00 p.m. Social Hour WEDNESDAY

12:35 p.m. The Holy Communion (Faculty-Staff-Students Welcome)

#### St. Andrew's Parish Fraser at Foster

SUNDAY 8:00 a.m. The Holy Communion 9:00 a.m. Morning Worship

Sermon, Church School 10:45 a.m. Morning Worship;

Sermon, Church School HOLY DAYS

10:00 a.m. The Holy Communion

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