French House Offers **Diversified Activities**

By JEAN FIRSTER

Collegian Staff Writer The girls in the French House, a wing of Simmons Hall, speak French in the corridors, at their meetings, and even, sing in the shower in French.

Girls interested in joining this group are invited to the French House tea at 2 p.m. Sunday in 213 Simmons Ac. cording to President Marsha Cornelius (10th French-Lewis-burg), the qualifications for joining the Erench House are completion of French 1, 2 and 3 and willingness to speak ? French (French majors are preferred) will

The group, organized in 1962, is limited to 15 members and there are three places open for Winter Term, seven places for Spring, and several for next-fall, Miss Cornelius said.

The French House is strictly an academic group, differing from a general interest group in that it provides the opportunity "to speak French in the natural atmosphere of everyday living," according to Miss Cornelius Miss Cornelius.

Objectives Listed The objectives of the French House are to increase the mem bers' fluency in speaking and understanding the French language and to increase their knowledge of the French culture and people according to their constitution.

Miss Cornelius explained that? the weekly meetings vary from listening to records and enter-taining French foreign students to seeing someone's slides of her visit to France. Twelve of the 14 present members have traveled or studied in France under various programs.

· The French House has various activities during the year, such as picnics and get-togethers with French professors. For the first time this year,

the French House has a French native living with them and helping them with their ac-cents. Bernadette Jouffret, a graduate student at the University, is here under the Ful-bright program. She has com-pleted four years of study at Montpellier University in France.

"Her living in the French

House was largely made possible through the group's adviser, Miss Jeanne Le Blanc, and Dr. Gerard Brault, head of the French Department," Miss Cornelius said.

tinue studies when she returns to France and eventually become an English teacher there.

She téaches one complète section of French 304 here and parts of sections of 305 and 306; She has previously taught French in Scotland and has traveled through most of

and enjoys helping them with

Grad Women's Scientific Group Plans Meeting

social at 8:30 p.m. Thursday, in the Human Development Building Living Center.

Faculty women in scientific fields and all women graduate students in scientific curricula are cordially invited to attend. If desired, further informa-tion may be obtained from the chairman, Langhorne H. Brick-wedde, 238,0055.

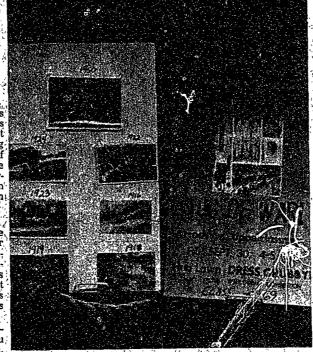
EAST HALL IS A WAY OF LIFE AND A WEEKEND FESTIVAL

Arriving in the United States less than a month ago, Miss Jouffret said that she has not been at the University longenough to give his opinion of it. She was surprised at the contrast between the University and Montosiller, from where she graduated as an English major in 1966.

Main Diffe ence One main difference that she viser, Miss Jeanne Le Blanc, described was the ampus. Her and Dr. Gerard Brault, head of university was spread through out a large city and she commented that the tudents will not be for credit in France, non advisers, and the only clubs she explained. She will con were language chibs.

"Life is only youth here you don't see old people, you don't see very young people, you see only stillents;" she commented:

Miss Jouffret, who has also studied Spanish, hopes to im-prove her accent here. Her home is near Nimes, France,



ON DISPLAY AT PATTEE is the record of the recent tug-of-war between the upperclassmen and freshmen. The display was set up by the Sophomore Class to commemorate the resurrection of the traditional contest. Also shown are pictures of past contests.

Penn State Room Display

"Tug-O-War" Tokens Preserved in Pattee

An account of this fall's Orientation
Week "Tug-o-War," revived by the class of
'69, is now on permanent display among the
memorabilia in the Penn State Room.

the competition was held.

One tree still has a piece of bark missing
where so me contestant had allegedly
wrapped the rope around the tree, using it

Located on the top floor of Pattee Library, the Penn State Room contains a poster announcing the event, a picture, The Daily Collegian story, and a piece of the rope. Ross Lehman, editor of "Alumni News," recommended that this be added to the other displayer from the Majorativic history.

displays from the University's history.
"It's a real honor for a class to bring back a tradition," commented Jon Fox, president of the class of '69 and chairman of the customs committee.

The Tug-o-War had been dead for 20 this year.

years before its September 30 comeback. The

New orientation committee decided to continue

the program next year because of its success this year, Fox said.

"As head of the customs program, I felt that it helped to make that evening's song and cheers program a lot more spirited," he added.

With Fox as referee, the freshmen, who outnumbered the upperclassmen two to one, won both rounds. The rope covered the entire width of the Hetzel Union lawn, where

wrapped the rope around the tree, using it as an extra teammate. Fox said there is still a question of who cheated.

In previous years, the tug-o-war was between the freshmen and sophomores. This year's tug-o-war included freshmen versus all upperclassmen. Many groups sent repre-

sentatives to participate.

Fox said that the following improvements over last year's customs program were made

Approximately 2200 dinks were sold

New rules and regulations were adopted. The freshmen were asked to learn 25 facts and figures about the University, including legends and important names. Upper-classmen were allowed to say "Button Frosh," so that freshmen would tip their dinks and say "hello."

• There were inter-dorm song and cheer competitions and competitions between resi-

• Information stations were set up on Orientation Sunday.—Jean Firster

Miss Jouffret said that the Draft Test Applications Due Today She dines with the members

Students at the University at the main desk, Hetzel Union are reminded that today is the Building. last day to file applications for the Selective Service College Qualification Test to be administered at the University and elsewhere on Friday and Saturday, Nov. 18 and 19.

Sigma Delta Epsilon, grad, mation bulletins are available eligible to take it again.

Room assignments for the ex-

amination will be posted prior to the dates of the test. Students are reminded that those who previously have

Application forms and infor- taken the examination are not

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2000 A.D. is just around the corner. Where do you figure you'll be then?

Come the year 2000, you'll be about Kennedy, checking out the Apollo And that's changing with it. Well tion? Or with second thoughts? It'll tory, looking for applications for a exist ten years ago!

career. And where. Big responsibilities come early. You may find yourself at Cape that's helping to change the world.

to retire, for one thing. Will you look moon shot. In India, installing a nu- over half of the 250,000 products back on your career with satisfac- clear power plant. Or in a labora- General Electric makes today dian't depend a lot on how you begin your new silicone membrane that lets a

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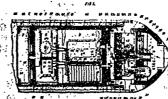
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Who was Harry Diamond?

If you don't know, read onbecause it's a name that could loom large in your future career as scientist and engineer.

The man for whom these Laboratories were named-Harry Diamond, a senior member of the staff of the National Bureau of Standards-was instrumental in developing for WW II use what has been described as "second; in importance only to the atomic bomb": the proximity fuze. Here's a 1944 patent drawing:



In recognition of this extraordinary breakthrough, the portion of the National Bureau of Standards which death in 1948, re-named the Diamond Ordnance Fuze Laboratory, Transferred to the Department of the Army in 1953, the installation in 1962 was designated Harry Diamond Laboratories to reflect its greatly broadened scope of activities under the newly created Army Materiel

Today, the programs at the Harry Diamond Laboratories-in addition to fuzling—are many and varied.

In medical engineering, for example, Harry Diamond Laboratories, in cooperation with Walter Reed Army Institute of Research, is performing research on and developing a family of life support devices. These include an extracorporeal blood pump, automatic mechanical respirators, an external cardiac compressor, an electronic cardiac monitor, and a membrane oxygenator. Re-search on an implantable artificial heart is being conducted with the support of the National Heart Institute.

Much of the life support work uses pure fluid systems to perform its functions. The basic concepts of fluid amplification and other tech-

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iniques of using fluids were con-caved and evolved here. Both applied and basic research in this important new technology are continuing.

We are actively engaged in research on a variety of solid state phenomena. These include microelectronics, from single component through integrated circuits; semiconductors as electronic; optical, or other type of transducers; micro-Wave components; radiation damage to semiconductor and other electronic components; and optically pumped solids for lasers.

We design and develop radarfrom special components through complete systems.

We also design and develop other special electronic and electromechanical devices and systems such as precision timers, telemetry to work in high-g or other difficult environmental conditions, electrical and mechanical simulation devices to reproduce field conditions in the laboratory, and transducers to perform special functions—such as the Lunar Penetrometer to make measurements from which the load-bearing characteristics of the moon surface can be determined.

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Laboratories, an Engineering Division, a Technical Services Division. and a Components Research Laboratory. Core programs at these laboratories form a solid foundation for a

steady, long-range funded system of continuing research and development projects, evolving new applica-

HDL on CAMPUS

tions and capabilities from a diversity of disciplines ... And since the operating spectrum of Harry Diamond Labs is a very wide-ranged one, the percentage of our activity devoted to core programs-unhampered by a need to show a "quick profit"—is larger than that of most other laboratories.

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