

College Professors Enjoy Interesting Experiences

Minute Tools, Compounds Used In Chem Prof Flemings' Class

It's the little things in life that count, believes Dr. George H. Fleming, associate professor of chemistry at the College. Dr. Fleming teaches quantitative organic microanalysis. He has as a hobby the designing and building of laboratory apparatus. It's a case where his job and his hobby work very well together.

Samples of various chemical compounds with which Dr. Fleming and his class work are about three milligrams in weight. That's the equivalent of 0.000066 pounds!

"There's enough mucilage on a regular postage stamp to make five analyses, and a grain of wheat is large enough to permit 20 analyses," Dr. Fleming explains.

Why work in minute quantities? "Very often we have to do it because it's all we have," Dr. Fleming says, and he cites work with vitamins, hormones, and antibiotics as examples.

Small Tools
Small tools are needed to handle these minute quantities. A spatula Dr. Fleming produced, for example, is about one-sixteenth of an inch across and less than two inches long. A thimble could easily contain a breaker. And a balance for weighing materials will measure accurately down to one-ten millionth of an ounce!

Gold Rush---

Continued from page four and portions of Colorado and Wyoming.

Strange as it seems, neither Marshall nor Sutter profited by the discovery. Both failed to find very much gold and were receiving aid from the state when they died.

Although the discovery of gold was significant, the establishment of gold mining as an industry is what made Marshall's discovery so momentous. It paved the way for the successful mining of other minerals and was an important factor in the development of the western United States.

But the West isn't the only place in the United States where gold is found. Right underneath the city of Philadelphia, there is gold disseminated through the clay. Of course it is worth only a few cents per ton. However, in Lebanon County, Pa., the gold that is extracted from copper ore is worth \$200,000 annually.

Painting
Hanging above the exhibit case is a painting of an old prospector panning gold. The artist, Mr. Howard K. Lucas, Museum Curator of the College, is quite a gold enthusiast himself. Mr. Lucas and his wife spent six hours a day panning for gold in Humboldt County, Calif. in 1942. They made about ten cents a day between them. Mr. Lucas didn't seem discouraged even though he didn't strike it rich. He said a prospector can't give up right away. But for ten cents a day, it doesn't seem advisable to take the trip to California to find gold in 1949.

Music Tickets---

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tenth of Goethe's birth, tickets will be 55 cents for college students and 85 cents for general admission. At this program, Paul King, concert baritone and Miss Barbara Troxell, music department graduate, concert and oratorio soprano will sing. For the choir's program at which the Brahms' "Requiem" will be presented, the tickets are free, but must be obtained prior to the concert since admission will be by ticket.

To stimulate interest for the "Goethe in Song" program featuring lieder and operatic numbers by the guest soloists, members of the Chapel Choir will have tickets starting May 9. No choir member will distribute admission cards for the May 16 program.

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Coeds Make Good Butchers, Ag Prof Says

Butchering is primarily a man's business but at the Pennsylvania State College, 13 girls have completed the course in slaughtering and meat cutting.

"The coeds make good meat cutters," says P. Thomas Ziegler, professor of animal husbandry, who has been teaching the course since 1919.

Ziegler points out, however, that girls have a tendency to trim too close for profit and, occasionally, they trim their fingers, too.

Dug Trench
Thirty years ago, when Ziegler first began to teach the course, the first two hours of class were spent in digging a 6 ft. x 6 ft. x 18 ft. trench.

"But now we've found better ways to dispose of the refuse," Ziegler says. The students agree.

Angus Heifer
Ziegler recalls other interesting times he and his students have had down through the years.

One of these exciting events revolved about an Angus heifer who decided not to be slaughtered, tore loose from her moorings, and cleared the laboratory promptly . . . except for one student who later was found hanging from the rafters.

Rover Says 'Hey! Not So Fast, I'm Coming Too'

Shoppers and homeward-bound students were startled recently by the sight of a small dog being dragged down S. Allen street by a black coupe, at a speed much greater than the pooch was accustomed to.

Hearing shouts of alarm from pedestrians, the driver noticed the absence of his passenger and quickly braked to a stop. Apparently the dog had tumbled from the open window and the leash had caught on the door handle. The leash was not long enough to allow the surprised canine the use of his four legs, and he was pulled along, struggling to keep his rear legs in motion.

The dog was aloof to all sympathizers and seemed hardly the worse for wear. He continued the journey under his master's arm.

5 O'clock Theatre

Five O'clock Theatre will present another Tom Lyon original one act play, "A Cup of Coffee," as its next production in the Little Theatre May 10.

This performance is in conjunction with the Combined Arts Festival at the College May 4 to 18. The play is concerned with a man's disillusionment in meeting a sweetheart after many years' separation.

In the cast are: Anne Allan, Morton Becks, Frank Fatsie, Tim Hayes, Inga Hoffman and June Wylie. Parts of two others have not been named.

Tom Lyon is the author of a former Five O'clock Theatre play, "Rewrite," which was staged in the Little Theatre March 8.

Margaret Malone, Martha Simington, Audrey Wald, and Una Weimor.

Newly elected officers of Phi Upsilon Omicron, are Marion Alderson, president, Delores Hocker, vice-president, Anne Fickenscher, secretary, and Nancy Bricker, treasurer.

Barber Plan---

Continued from page one
make a "snap judgment". After the investigation, it would next be necessary to determine on what level of administration the decision must be made, he said.

It is impossible to say at the moment whether or not the proposal would be approved, said Donovan.

The action of the dormitory councils was taken merely to show that they would approve of such a plan, he said.

Favors Plan
Prof. Graves said that he personally would favor such a plan, insofar as he understood its intent, and he said he thought CORE would favor it.

Corbin Kidder, student co-chairman of CORE, also said he thought CORE would approve the proposal.

The dormitory councils, in taking their action, said that they would leave details of operation up to CORE, but that they would approve use of a room in the PUB as long as necessary.

Once a non-discriminatory shop is provided by town business, the councils would no longer approve the plan, Balog stated.

Daniel Cottone, Nittany council president, asserted that the councils forwarded the plan, not to provide competition with town tradesmen, but to meet a need of College students.

Teachers Gather To Study Dramatics

Elementary, secondary, and college teachers of Pennsylvania will meet here on May 14, to study classroom uses of dramatics and to attend a special matinee performance of "This Side of Bedlam."

Following registration at the State College high school at 11 a. m., a business meeting of the North Central Pennsylvania Association of Teachers of English, sponsors of the conference, will be held.

Warren Smith, assistant professor of dramatics at the College, will discuss "Dramatics in Our Classrooms" following a luncheon at the high school cafeteria. The conference will close with the presentation of "This Side of Bedlam" at Centre Stage at 2 p. m.

Charlotte Ball, of State College high school, is president of the Association. Other officers are Clara Cockerille, of Altoona, vice-president; and Frances Culver, of Bellefonte, secretary-treasurer.

Phi Upsilon Initiates 11 Juniors

Phi Upsilon Omicron, national junior women's home economic professional honorary, recently initiated eleven girls. Girls are chosen on the basis of leadership, scholarship, and activities and must be in the upper two fifths of their class.

Those initiated were: Jane Barton, Maxine Dickey, Nancy Greenawalt, Margaretta Hay, Lee Hills, Grete Holfelt, Joan Lowry,

Luchek, Labor Institute Prof, Travels for 2000 Students

A student body of more than 2000 Pennsylvania industrial workers keeps Anthony S. Luchek on the road most of the time even though he's not a traveling salesman.

"One day, I'll be in Pittsburgh and the next, clear across the state in Bethlehem," Luchek says. "Home may be in State College," he adds, "but nowadays I see very little of it."

Music Program To Honor Goeth

To commemorate the 200th anniversary of Goethe's birth, a song recital, "Goethe in Song" will be presented in Schwab Auditorium at 8 p. m. May 16.

The program is sponsored by the Simmons Series, the Chapel Choir, and the department of music and is one of the musical presentations of the Combined Arts Festival.

Artists on the program will be Barbara Troxell, soprano, and Paul King, baritone. They will sing a program including settings of Goethe's poems by Beethoven, Schubert, Schumann, Wolfe, Tchaikowsky, and Moussorgsky.

The second part of the program will be devoted to selections from the opera "Faust" by Gounod, concluding with the famous church scene.

Tickets, limited to two to an individual, will go on sale at 1:30 p. m. Wednesday, at Student Union. They also may be purchased from members of the Chapel Choir. Tickets are priced at 55 cents for students and 85 cents for others. Doors will open at 7:30 p. m. and seats will not be reserved.

Fest Features Demonstration

One of the highlights of the Combined Arts Festival will be the lecture-demonstration by Ruth Reeves, noted textile designer, in 121 Sparks, 8 p. m. Monday.

Miss Reeves, who has studied pre-Columbian Peruvian fabrics and history as source-material for many of her modern designs, will demonstrate the use of objects of Pennsylvania German origin as inspiration for designs she will work out before the audience.

From Ruth Reeves came the original idea which developed into the project giving us the Index of American Design. This is a compilation of exquisitely executed drawings in color of early American, done by artists from every state of the Union, and housed in the Library of Congress.

The lecture-demonstration is open to the general public and is free of charge.

"This weekend is the last time 'This Side of Bedlam' will be shown at Centre Stage. Performances will be given Friday and Saturday at 8 p. m. It is preferred that out-of-town people attend the show Friday, if possible.

One Week Institutes

Luchek is an associate professor of economics in extension at the College. He conducts one-week labor institutes on campus each summer, and during the winter he conducts like courses in the home towns of steelworkers, garment workers, machinists, warehousemen, carpenters, truck-drivers, and laborers.

In the first three months of 1949, Luchek had requests to conduct 30 different courses in 13 different communities.

So Luchek differs from a traveling salesman in that he doesn't have to sell his program. Classes or institutes are conducted because the labor unions ask for them.

Develop Responsibility

"Main purpose of the labor institute is to develop responsibility and understanding in the handling of worker's problems," Luchek explains. "They're designed to give workers a general survey of the ways in which they, as union members, have responsibilities to their fellow workers, the union, their employers, the community, and the nation."

Windcrest Vets To Have Gardens

Veterans living in Windcrest will again have the opportunity to have gardens this summer. Walter W. Trainer, supervisor of landscape construction and maintenance at the College, said today.

A two-acre area, north of the east campus entrance and opposite Eastview Terrace, will be plowed and harrowed by the College, and then marked into plots. The plots will be assigned to Windcrest residents desiring gardens for the summer months.

Three years ago, the College arranged for the gardens for residents of the area. The expansion of the community, however, necessitated the installation of trailers in the area the following year.

Hatch Wins Annual Chess Tournament

Durwood B. Hatch, defending club champion, won the recent annual tournament of the Penn State Chess club. He was undefeated.

Runner-up was Richard M. Cressman, club president, followed by Wendell Swope, M. Benjamin Dell and Thomas T. Jackson.

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