

cumber 11, 1945

Award to Be Given For Finest Essay

The best essay on the subject, "Social Security and Individual Thrift" will bring the writer a first prize of 75 dollars or a second prize of 50 dollars according to an announcement from the Department of Economics of the University of Illinois. Competition for the prizes is open to all undergraduates of the University of Illinois, or in any other university or college in the state of Illinois. Essays will be due on May 1, 1946, and should not be longer than 5000 words.

The awards are from the income of a fund established by the committee for the sale of War Savings Stamps in Illinois. Further details may be obtained from Professor M. H. Hunter, 225 Commerce Building, Urbana, Illinois.

The contents and style of the essay are left to the discretion of the contestants. The suggestion is made, however, that each essay contain references and a bibliography. The essays will be judged by a committee composed of Professor Simon Litman of the Department of Economics, Professor F. A. Russell of the Department of Business Organization and Operation, and Professor Alta G. Saunders of the Department of Business English, all of the University of Illinois.

European Education Discussed By Gross

Last Friday, Eric Gross, a graduate of the University of Vienna, spoke before the AIEE on the subject of "Educational Systems in Europe."

Dr. Gross stated that the European educational systems are far less democratic than the American educational system, it being the custom in Europe for a child's parents to decide what his career will be when he is ten years old.

In the European universities, students attend lectures. Assignments are not given and quizzes and recitations are not required of the student until the end of the first two years when examinations are given. It is not necessary for the student to pass these examinations. At the end of four years, the student receives a professional degree if he can pass an eight-day written examination and a two-hour oral examination.

Integral Picture Schedule

Tuesday, Dec. 11

9:00 a.m.	ACS
9:10 a.m.	AAE
9:20 a.m.	AIKE
9:30 a.m.	Phi Lambda Upsilon
9:40 a.m.	Chemistry Dept. Faculty
9:50 a.m.	Cement Engineering Dept. Faculty
10:00 a.m.	Departmental Scholars, Fellows, and Assistants
10:15 a.m.	Sigma Xi Officers
10:30 a.m.	Psi Delta Epsilon
10:40 a.m.	Library Dept. Faculty
10:50 a.m.	Society for Advancement of Management
11:00 a.m.	Tau Omega
11:10 a.m.	IAES
11:20 a.m.	ASME A-L
11:30 a.m.	ASME M-Z
11:40 a.m.	Pi Tau Sigma
11:50 a.m.	ASCE
12:00 noon	Chi Epsilon
12:10 p.m.	Civil Engineering Dept. Faculty
1:00 p.m.	Physical Education Dept. Faculty
1:15 p.m.	Technical Drawing Dept. Faculty
1:30 p.m.	Psychology Dept. Faculty
2:00 p.m.	Dean White
2:10 p.m.	Dean Winston
2:20 p.m.	Capt. McGregor
2:30 p.m.	Comdr. Lincoln
2:40 p.m.	L. Brown
2:50 p.m.	L. Kos
3:00 p.m.	L. Sergeant
3:10 p.m.	Remaining Naval Officers
3:20 p.m.	Mr. Weisman
3:30 p.m.	President Heald
3:40 p.m.	Dean Greiner
3:50 p.m.	Mr. Spaeth
4:00 p.m.	Dean Feibles
4:10 p.m.	Mr. Hill
4:20 p.m.	Registrar Kelly
4:30 p.m.	Registrar Kaufman
4:40 p.m.	Librarian Mr. Hyde
4:50 p.m.	Mr. Wheeler
5:00 p.m.	Prof. Schommer
5:10 p.m.	Dean Larkin
5:20 p.m.	Dean Walker
5:40 p.m.	Dean Dutton

Wednesday, Dec. 12

9:00 a.m.	Honor I
9:10 a.m.	ITSA
9:20 a.m.	SUBC
9:30 a.m.	Honor Board
9:40 a.m.	Tau Beta Pi
9:50 a.m.	Tau Beta Pi Officers
10:00 a.m.	Interfraternity Council
10:10 a.m.	Dance Club Officers
10:20 a.m.	Rifle Company
10:30 a.m.	Armour Eye
10:40 a.m.	Political and Social Science Dept. Faculty
10:50 a.m.	Industrial Engineering Dept. Faculty
11:00 a.m.	IT Vets A-L
11:10 a.m.	IT Vets M-Z

Pre-Med. Students to Take Aptitude Tests

The Association of American Medical Colleges Aptitude Test will be given in the Student Union Auditorium this Friday from 4:00 to 5:00 p.m. The test will be taken by all pre-medical students planning to enter medical school in 1946 who have not already taken it. The test has been adopted by the association as one of the normal requirements for admission. It measures one's ability to learn material similar to that which he will have in medical school.

Students should obtain applications immediately in the Registrar's Office. A fee of two dollars is required of students taking the exam.

11:30 a.m.	Biology Faculty
11:40 a.m.	Physics Dept. Faculty
11:50 a.m.	Mechanics Dept. Faculty
12:00 noon	Mr. Woodward
12:10 p.m.	Prof. Friesen
12:20 p.m.	Mr. Erickson
12:30 p.m.	Dr. Krathwohl
12:40 p.m.	Dr. Hedrick
1:00 p.m.	AIEE A-L
1:10 p.m.	AIEE M-Z
1:20 p.m.	Rho Epsilon
1:30 p.m.	Eta Kappa Nu
1:40 p.m.	IRE
1:50 p.m.	Electrical Engineering Dept. Faculty
2:00 p.m.	Mathematics Dept. Faculty
2:10 p.m.	Language and Literature Dept. Faculty
2:20 p.m.	Mechanical Engineering Dept. Faculty
2:30 p.m.	PPES
2:40 p.m.	Salomander
2:50 p.m.	Fire Protection Engineering Dept. Faculty
3:00 p.m.	Polish Club
3:10 p.m.	Inter-varsity Christian Fellowship
3:20 p.m.	Delta Iota Delta
3:30 p.m.	Sigma Alpha Mu
3:40 p.m.	Theta Xi
3:50 p.m.	Beta Omega Nu
4:00 p.m.	Triangle
4:10 p.m.	Pi Kappa Phi
4:20 p.m.	Alpha Sigma Phi
4:30 p.m.	Practitioners
4:40 p.m.	4A Senior Officers
4:50 p.m.	4B Senior Officers
5:10 p.m.	4B Committee Chairman

Thursday, Dec. 13

9:00 a.m.	Freshmen Class Officers
9:15 a.m.	1st & 2nd termers
9:30 a.m.	" " " " " " " " " " " "
9:45 a.m.	" " " " " " " " " " " "
10:00 a.m.	" " " " " " " " " " " "
10:15 a.m.	" " " " " " " " " " " "
10:30 a.m.	" " " " " " " " " " " "
10:45 a.m.	" " " " " " " " " " " "
11:00 a.m.	" " " " " " " " " " " "
11:15 a.m.	Sophomore Class Officers
11:30 a.m.	3rd & 4th termers
11:45 a.m.	" " " " " " " " " " " "
12:00 noon	" " " " " " " " " " " "
12:15 p.m.	" " " " " " " " " " " "
12:30 p.m.	" " " " " " " " " " " "
12:45 p.m.	" " " " " " " " " " " "
1:00 p.m.	" " " " " " " " " " " "
1:15 p.m.	" " " " " " " " " " " "
1:30 p.m.	" " " " " " " " " " " "
1:45 p.m.	" " " " " " " " " " " "
2:00 p.m.	" " " " " " " " " " " "
2:15 p.m.	5th & 6th termers
2:30 p.m.	" " " " " " " " " " " "
2:45 p.m.	" " " " " " " " " " " "
2:50 p.m.	" " " " " " " " " " " "
3:00 p.m.	" " " " " " " " " " " "
3:15 p.m.	" " " " " " " " " " " "
3:30 p.m.	" " " " " " " " " " " "
3:45 p.m.	" " " " " " " " " " " "
3:50 p.m.	" " " " " " " " " " " "
4:00 p.m.	" " " " " " " " " " " "
4:15 p.m.	" " " " " " " " " " " "
4:30 p.m.	" " " " " " " " " " " "
4:45 p.m.	" " " " " " " " " " " "
4:50 p.m.	" " " " " " " " " " " "
5:00 p.m.	" " " " " " " " " " " "
5:15 p.m.	" " " " " " " " " " " "

IAES Re-elects Kukral; Plan Semester Activities

A/S Allan Kukral was re-elected president of the Institute of Aeronautical Sciences at a meeting Friday. Other officers elected were: Joseph Vicielli, vice-president; and Thomas Feechery, secretary-treasurer.

A Bell Aircraft Corp. film, "Cannons On Wings," was shown and plans for the semester were made. The semester's activities will include a talk by a well-known figure in the aeronautical profession and a trip to one of the large airline companies. Kukral stated that anyone interested in aeronautics or in taking the aero-option in C.E. or M.E. should see any of the officers.

Kappa Phi Deltas Entertain Rushees

The Kappa Phi Delta sorority entertained their rushees at the Chicago Theater of the Air a week ago Saturday. Following the performance, they stopped at Corner House Restaurant.

Last Sunday, they took their rushees to a hockey game, the Blackhawks vs. the Canadians. Following the game, they stopped for Bar-B-Que.

Sigma Omicron Entertains Rushees

The Sigma Omicron Lambda sorority entertained their rushees at an informal game session at the home of Helen Gordon, two weeks ago. After an afternoon of just plain gossiping, a light supper was served.

Last Friday, the Lambdas entertained their rushees at the home of Claire Brinkerhoff. Claire lives in Flossmore, 23 miles from Chicago and 888 miles from New Orleans, so the group spent a good percentage of the time on trains. Dinner was served, and then ping pong, taffy pulling, and bubble blowing completed the evening.

Dr. G. Mainland Has Unique Collection of Drosophila Flies

By Saul Needleman

In a small room on the second floor of south Chapin Hall can be found close to 300,000 fruit flies of twelve different species, coming from 26 American states, seven Mexican states and several other countries throughout the world such as Guatemala, New Zealand, and Sweden.

With these flies, and months of experimenting, Dr. G. Mainland, associate professor in Biology, hopes to determine some of the basic revolutionary factors in the lowest form, of how the various species and sub-species are formed in nature.

Dr. Mainland, who did most of his work on the collecting of the Drosophila at the University of Texas, is confining his experimenting to three of the 90 known species of Drosophila which form a chain circling the United States and Mexico.

The Drosophila (dew-love) Funehris (funeral first described in 1787, is the only one of the species known to live on decayed or fermented flesh, and because of this, is also called the "Bar Fly" or the "Drunkard Fly." It is normally a fungus feeder.

The Drosophila Macrospina (big spine), first described in 1939, is found from Florida to Central Texas southward to Coahuila, Mexico, and north to Ohio and Michigan.

D. Macrospina limpiensis (named for the Limpio Canyon in the Davis Mountains in western Texas where it is found) is of the same family as the fly mentioned above. It is found from western Texas to western Arizona, north to Utah and south to Chihuahua and Sonora in Mexico. Only three have been collected on the west coast around Pasadena, California.

The D. Subfunehris is similar to the first fly mentioned. By crossing these strains of Drosophila which are found in the western states with those found in Pasadena, Dr. Mainland hopes to determine why in the resulting generations of flies some of the flies, both male and female, become sterile while some remain fertile.

In studying the several habits of the flies, Dr. Mainland has found that after a courtship of about 20 minutes flies from the same section of the country will have an attraction for each other but that 60 to 70 days are required for flies from opposite ends of the country. He has found that males from the east will reproduce with females from the west but the reciprocal crossing cannot be accomplished.

Dr. Mainland stated that this was the first chain series that has been subjected to analysis through "visenpross" (vacecross).

Dr. Mainland has traveled sev-

eral thousands of miles with a specially equipped truck and an assistant, and is on record for having caught over 600,000 flies. Of 904,047 flies listed in a University of Texas publication, he has caught more than half of them. Dr. Mainland has found these flies in the Flies Keys, along the Pan-American highway, in jungles, deserts, on glaciers and even at altitudes of 11,000 feet. He works in conjunction with hundreds of other Drosophila workers all over the United States and several other countries on this phase of evolution.

IT Vets Meeting to Hear H. M. Bonney

The Illinois Tech Vets Club will hold an open meeting in Room 305 Main. There will be a talk by H. M. Bonney, plant personnel manager of the Chicago Pump Company. The subject of his talk will cover problems confronting the graduate engineer that cannot be found in text books. All veterans are invited to come.

At a closed meeting of the ITV last Friday, regulations and policies regarding membership and activities were acted upon. The system of obtaining member's signatures as a prerequisite for admission to the Club has been repealed. Instead the prospective member has to secure the sponsorship of two active members.

Discussing the future of ITV, president Burnham Peters stated that with the tremendous influx of new members into the club, it will undoubtedly become the foremost school organization.

Architect Student to Be Awarded Scholarship

A scholarship of \$1,000 it to be awarded to an Illinois Tech student in the School of Architecture. Provided by the Weymer Foundation Inc., the scholarship will be awarded to a man selected by a board composed of faculty and American Institute of Architect members on a competitive basis.

The award was announced by President Henry T. Heald and will begin with the school year of 1946.

Donor of the scholarship fund is E. M. Weymer, head of the Weymer Foundation. The foundation specializes in architectural metal works.

Rho Delta Rho Plans Semester Activities

Rho Delta Rho is now very well established. Shelly Shrieber of the executive committee said that the organization has now prepared a schedule of activities for much of the remainder of the semester.

The members are at present completing arrangements for a New Year's party to which fraternity alumni will be invited.

Last week Rho Delta Rho was invited by former president, now Lieutenant Danny Workman; also an interesting skit was performed by the pledges for the active members at their weekly meeting Wednesday.

Rho Delta Rho is anticipating regaining its previous position in the school socials with the coming return of its members from the armed forces.

Triangle Fraternity Will Hold Hay Ride

Triangle fraternity is holding a gala hay ride party on Friday, Dec. 21. A barn dance is planned which is to be followed by a regular evening snack. The social chairman, Bill Bloudek is in charge of the committee that is making the arrangements.

Up to date, there have been seven men pledged. They are: Raymond

Fischer, Kenneth Turner, Harold Stadnik, Roger Johnson, Heinz Cook, Bill Maxey, and John Horn. The promising pledge class has already been assigned its duties for this week by Harold Esser, pledge-master. The pledges will be seeking the signature of all the actives during every day of this week.

Art Strong Elected President of Delts

Election of Delta Tau Delta officers was held recently and the following were chosen: president, Art Strong; vice-president, A/S Herb Corten; treasurer, Grant Medin; recording secretary, Don Lokke; and corresponding secretary, Dave Phillips.

Delta Tau Delta has pledged five new men. They are: Bud Beam, Ed Carstens, Henry Gay, James Kennedy and Keith Walstrom. Since pledging limits have been extended many more are expected.

Other committees were organized, and the chairmen are: social chairman, Race Wilt; house and grounds, A/S Fred Travis, and rushing, Henry Kudenholdt.

Back from a long absence is John Baker. He paid the chapter a visit and is now stationed at Great Lakes. The fraternity is planning both a Christmas party and a New Year's

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