

SUMMER TRAINING PROGRAM FOR  
HIGHWAY TECHNICIANS

The Training Program for Highway Technicians will be given again this year to train technicians for the Illinois State Department of Highways. It will run for eleven weeks, beginning June 15 and ending August 28. About one hundred fifty young men, most of them just out of high school, are expected to participate.

Professor E.D. Ebert, D.C. O'Bryant, and C.A. Murphy will teach drafting; Professor R.A. Jewett, Dr. M.O. Schmidt, and J.L. Schlafer will teach surveying; and M.L. Phillips will teach materials.

## SUMMER APPOINTMENTS

Mr. Donald H. Rimbey, instructor in G.E., has received an appointment for the summer as Research Engineer in the Mechanical Engineering Department ----- Weapons Division at Lawrence Radiation Laboratory. This laboratory is operated by the University of California, and is located in Livermore, California, a community near Berkeley.

## G.E. HONORED AT ST. PAT'S BALL

The annual St. Pat's Ball was held on March 14 at the close of Open House, and featured the music of Ralph Marterie and his orchestra. The dance was a big success. Highlight of the evening was the recognition of twelve outstanding engineering students as Knights and Ladies of St. Patrick. One G.E. student, Robert E. Seyler, a senior from Champaign, Illinois, was in the group. Bob has been president of both I.S.P.E. and Engineering Council this year. Last year he was president of I.S.G.E. Bob has served as photographer for the Daily Illini and Technograph, played in the Marching Band, and participated in numerous other activities.

## COED ENGINEERS

Twenty-four girls are registered as undergraduates in the College of Engineering this semester. Of these, three are in General Engineering. Rebecca Marie Bryar, a freshman, comes from Centralia, Illinois. Becky attended the National Science Foundation Summer Program in Engineering and Science for Secondary School students at the University of Illinois in 1962. This year Becky is a member of the Technograph staff and has had an article in each of the last two issues. Carolyn Kay Lester is a fourth-semester student from Lewiston, Illinois. The third coed general engineer is Lois June Backer, also a fourth-semester student. Lois is another Illinois resident, coming from Roanoke. She was one of the five finalists for Queen of St. Pat's Ball this spring. How is that for a coed engineer?

## OPEN HOUSE

Cash prizes were awarded at the 1964 Engineering Open House for the three best exhibits by students in each of three categories. The prizes, donated by Illinois Bell Telephone Company and Caterpillar Tractor Company consisted of \$50, first prize; \$35, second prize; and \$20, third prize.

Two winners of the "display that best tells what the profession of engineering is and how the engineer relates to our society" were general engineers. Ron Kessner, a senior, won first place for his display "Graduate General Engineers" and Ken Archambault from Schenectady, New York, also a senior, received third place for his "Tape Recorder Curriculum Display." Second place was awarded to Peter Bloome, a senior in agricultural engineering for the exhibit "Soil and Water Conservation."

The other two categories were the "display that best represents the research in a given area or field" and the "display that describes the academic life of an undergraduate engineer in a given field" at this University.

Results of the competition were announced at St. Pat's Ball, March 14. A permanent plaque will be given to the department of the winner of first place in each category. Ron Kessner presented the plaque he won to Professor Dobrovolny at the meeting of I.S.G.E. on April 8.

#### BANQUET HONORS SENIORS

Another memorable senior dinner was held May 11 at the Gondola Restaurant in Champaign, with an excellent representation of both students and staff attending. Featured speaker was Mr. Henry Green, President of the Urbana Association of Commerce, who spoke on the development of the new Lincoln Square Shopping Center in Urbana. Those of you who have not visited this area in recent months would be amazed at the scope and dimension of the project. It has attracted attention from all parts of the country as a novel approach to the problems of antiquated small town business districts.

Further highlighting the evening, awards were made to two outstanding seniors. One, the Edward S. Fraser award, went to Charles F. Hedblom, Naperville, Illinois, a February graduate now employed by Western Electric at their Hawthorne Works. Chuck was brought back to the campus for the event by his bosses, Mr. George Parker and Mr. M. T. Alderman, on the pretext of having Chuck introduce them to the G.E. Department. The ruse worked and Chuck was completely surprised by the announcement of his name as winner. As a student Chuck was active in the I.S.G.E., I.S.P.E., President of Gamma Epsilon, member of Tau Beta Pi and Sigma Tau Engineering honoraries.

Winner of the Marcus-Phillips award was Robert A. Zakes, also a February graduate and now in the MBA program here at the University. Bob is from Lansing, Illinois, and compiled an outstanding activity record in addition to an excellent grade point average. A partial list of his activities includes varsity fencing team, company commander, ROTC, member of Delta Phi Fraternity, member of Delta Phi Trio folk song group, ISGE, ISPE, Wa-Na-See Senior Men's Activity Honorary, and Tribe of Illini. Bob also was employed part time for three years!

Each of the recipients was awarded a check for \$100, a plaque, and will have his name engraved on a permanent plaque in the Transportation Building.

We are proud of these young men and of the many others who were in competition for the awards.

#### STUDY! STUDY!

Three members of the staff are taking leave of their teaching duties next fall to study full time on Ph.D. degrees. Dave Reyes-Guerra will attempt to wind up his thesis work in Civil Engineering and Don Rimbey will be doing work in Mechanical Engineering. Both of these men are doing their work here at the University. Harry Streeter will travel to the State University of Iowa where he hopes to earn his doctorate in Industrial Health Engineering.

#### HONORARY INITIATES SEVEN

Gamma Epsilon tapped seven outstanding General Engineering students for membership last month and the group is looking forward to a year full of activity. A "shingle" has been designed but still lacks a suitable crest or coat-of-arms and members with an artistic bent are now working on this. The new initiates are: David A. Burge, Tuscola, Illinois; Roy J. DePauw, Sheffield, Illinois; William T. Fraser, Hinsdale, Illinois; Robert A. Giles, Jr.,

Marion, Illinois; Gerald A. Lasson, Aurora, Illinois; Gerald R. Schoonhoven, Freeport, Illinois; and Richard D. Volkstorf, Chicago, Illinois.

Officers for the past year have been Carl N. Roegner of Decatur, Illinois, President; and Ronny H. Hausch of Champaign, Illinois, Secretary-Treasurer.

Apologies are due to two members of last year's initiate group. Our last newsletter carried Jay Lovelace's name as Joy. It was a joy to have him as a member but that is not his name. A perhaps more serious error was the omission from the list of new members of Leonard Shuck. Len is now in graduate school at Purdue University.

#### STUDENTS ARE STRIKINGLY SUCCESSFUL

For the second year in a row the I.S.G.E. bowling team swept aside all competition to capture the College of Engineering student bowling tournament. These boys have been trouncing the G.E. faculty each year in our departmental tournaments, and inasmuch as these tournaments have been rigged in favor of the faculty, the prowess of the students is evident.

#### DOBROVOLNY HONORED

New President of the Champaign County Chapter of the Illinois Society of Professional Engineers is our own Jerry S. Dobrovolny, Head of the G.E. Department.

#### TEACHER EVALUATION PROGRAM

The Department, under the direction of Associate Professor Thomas G. Hartley, has begun a Teacher Evaluation Program. The purpose of the program is to help the individual teacher improve his teaching techniques, provide a tangible basis for promotions, improve student cooperation and motivation, and give the student a chance to express his consid-

ered opinion of the effectiveness of his instructors and professors as teachers. To accomplish this, students in each G.E. undergraduate course are requested to fill out an Instructor Rating Form at the end of the semester.

As presented by Professor Hartley, the Instructor Rating Form is unique in that it defines the qualities of the teacher in behavioral terms. For example, the student is asked to evaluate the instructor's Presentation of Course Material as: exceptionally well organized, always clear; consistently organized and clear; usually organized and clear; sometimes has difficulty in presentation; usually unable to convey material well. This was in contrast to those forms which ask the pupil to rate the teacher's attributes as excellent, good, fair, poor; or A, B, C, D, E.

The information revealed by his forms is made known to each individual teacher in a conference with Professor Dobrovolny, Head of the Department.

The rating form was first used last January. When checked for correlation between the items, the form compared favorably with other common psychological tests. Now it is being checked for reliability, and it is presumed that, over a period of several semesters, the results will have a high degree of validity.

Other departments of the Engineering College have expressed an interest in the program and the E.E. Department is making a trial run with the forms as used by us.

#### HIGH SCHOOL STUDENTS' OCCUPATIONAL IMAGE OF AN ENGINEER

Since enrollment in engineering curricula over the country is slowly dropping in spite of an increasing need for engineering-trained personnel, there may be need for a change in the publicity and recruiting practices aimed to-

ward high school students to counteract this trend.

During Engineering Open House several hundred high school students completed a questionnaire designed to reveal their "life-style" occupational image of an engineer, including personal and social features of the occupation. It is expected that the data collected will show further research of this type to be desirable in attempting to determine why a student decides to enter a particular vocation. The intention is to expand the study with funds secured from the State or Federal Departments of Health, Education, and Welfare.

#### PROFESSOR WALKER RETIRES

This June marks the retirement of Professor Leonard D. Walker, a member of the G.E. staff for 38 years. After military service during World War I, including battle action in France, Mr. Walker earned a B.S. Degree in Civil Engineering from the South Dakota School of Mines and Technology, an M.S. in C.E. from the University of Illinois, and a professional degree as a Civil Engineer from the South Dakota School. After being awarded his first degree, he served as a Field Engineer in Louisiana, Florida, and Arkansas for the firm of Ford, Bacon, and Davis, Inc.

Professor Walker has always maintained a keen interest in his students

and in 1949 was honored by the engineering student body as one of the most effective teachers in the College. He counseled foreign students for many years and was faculty adviser for Triangle Fraternity. Most of his summers in recent years have been spent teaching at the Civil Engineering Summer Surveying Camp at Camp Rabideau, Minnesota.

A member of several national engineering and technical societies, Professor Walker was particularly active as a member of Technical Committee 8, Civil Engineering Division of the A.S.E.E.

Illness in recent months has curtailed much of Professor Walker's activity. He and Mrs. Walker plan to continue to reside in Champaign.

#### PROFESSOR CROSSMAN DIES

Word was received last fall of the death of Professor Ralph Crossman, who retired from the General Engineering Drawing Department in 1949. A great favorite with the students, who affectionately called him "Pop," Professor Crossman was a well-known campus figure. He devoted many of his spare hours to serving voluntarily as grounds keeper and gardener for the McKinley Foundation and ate lunch with the men of Triangle Fraternity every day for many years. A Bachelor, Professor Crossman had been living in Huntington, Long Island, since his retirement.

#### LIST OF JUNE GRADUATES

George R. Armstrong  
Douglas A. Behmer  
Michael L. Cline  
Calvin H. Fitch  
Daniel A. Gooze  
Ronny H. Hrusch  
Robert E. Lodygowski  
Robert S. Poremba  
James R. Sachtschale  
Robert E. Seyler  
Merwin F. Stroup  
James L. Tomlinson  
Elden L. Volling  
Donald E. Wilkinson

Stronghurst, Illinois  
Champaign, Illinois  
Herrin, Illinois  
Champaign, Illinois  
Lincolnwood, Illinois  
Champaign, Illinois  
Urbana, Illinois  
Chicago, Illinois  
Urbana, Illinois  
Champaign, Illinois  
Yorkville, Illinois  
Sycamore, Illinois  
Urbana, Illinois  
Park Ridge, Illinois