

At last Doc Davey

instructor in social science, has forsaken his fellow bachelors and has deep dark plans for the future of a woman formerly employed as Alexander Schreiber's secretary and who is known by the name of Mary Rita Lauterjung.

•This romance, starting in the Student Union cafeteria, has progressed rapidly to a higher plane somewhere in dem misty clouds. Last Wednesday night, in some dark lonely corner (for any couple except "Doc" and Mary), Harold Davey turned traitor to his fellowmen and quietly slipped the ring over her third finger, left hand.



•It is with deep sorrow that we bid farewell to this deserter from our ranks. He was one of our noblest and most formidable supporters. We fear lest we have great dissention among our members. Who can take his place? No longer will his firm masculine voice echo through the rooms of Chapin Hall. Students will be forced to lean forward in their chairs and stretch their ears to hear his strained whispers.

•Not to be outdone, Dr. Hugh J. McDonald is sneaking off for a little ceremony of his own this week end. The chemistry department has extended its best wishes to Dr. McDonald and his wife-to-be.

•Needless to say, we realize that it is a far far better thing which these two men are doing than they have ever done before and we rejoice at the spectacle of these two entering into that state of matrimony among which only the well fed, the sleep lovers, and those seekers of eternal happiness are members.

•Gentlemen, let us not be swayed from our straight path, but let us continue our lonely way, unmoved by these wild festivities. Marriage . . . PHOOEY!

FRANCES WYLIE NEW REGISTRAR

of liberal arts division, has been promoted from assistant business manager of IIT. This change, which contributed to the confusion of second semester registration, came as a result of Mr. William N. Setterberg's resignation. Mrs. Wylie's former position has been filled by Mr. Henry B. Watson who was formerly a cashier on the engineering campus.

•Michigan born and Canadian educated Mrs. Wylie matriculated at Lewis Institute in 1925 and, after three years of college, was employed in the business office as a secretary. In 1938 with the title of business manager, she completed her education, receiving a bachelor's degree in arts and sciences. In addition to her long experience in dealing with students, Mrs. Wylie has three years of undergraduate service in the registrar's office to qualify her for this new position.

•The charming personality and helpful nature of the new registrar is clearly typified in the following statement given during a TECHNOLOGY NEWS interview: "In the past I have enjoyed my contacts with the students. I am looking forward with anticipation to the larger opportunities for service I expect the work in the registrar's office will offer."

•Mr. Setterberg, Arch. '29, had efficiently supervised the west campus enrollment since the merger at which time he exchanged duties with Miss Agness Kaufman, Armour registrar.

•Because of the national emergency, Mr. Setterberg felt that his ability as an architectural engineer would be valuable to the armed forces; hence, he is now a civil service architect, inspecting and supervising construction of military and naval airports in the vicinity of Galveston, Texas.

•Replacing Mrs. Wylie is Henry B. Watson who has been employed in the Armour business office for the past five years. Mr. Watson who received his education at Armour and Northwestern, has already begun his work.

New equipment to be constructed

in the Armour steam laboratory during this semester. The purpose of the new equipment is to provide experiments of a more fundamental nature than have heretofore been given. Much of the equipment is to be constructed by senior mechanical engineering students who are assigned to work on special projects as a part of their regular curriculum.

•Among the new pieces of apparatus to be built is a heat exchanger arranged in such a manner that many different types of heat exchange problems may be studied. These include heat exchange by both parallel and counterflow, using steam, air, or water as fluids. With this apparatus it is hoped to illustrate the relation between the film coefficients of heat transfer and the characteristic dimensionless factors associated with the logarithmic mean temperature difference in heat exchanger calculations.

•A central temperature-measuring bench is to be constructed to accommodate three potentiometers, one of which is to be a precision instrument especially designed for accurate measurements. This bench will serve as the nerve center of the laboratory as far as precise temperature measurements are concerned, since all thermocouple leads will be brought to this bench.

•In addition to the above projects a number of existing experiments are being improved by constructing better instruments for measuring the variables involved. The steam turbo-generator is being equipped with special temperature and pressure measuring devices so that complete condition curves may be obtained. This will enable the students to see more clearly the actual expansion process as the steam passes through the nozzles and blades of the turbine on its way to the condenser.

HELP WANTED:

No experience necessary. Requirements—1 sharp pencil, 1/2 wit. Non-defense industry—see page 8 for interview times.

TECHNOLOGY NEWS

Collier's magazine considers publication of Dr. Boder's research studies at Lewis

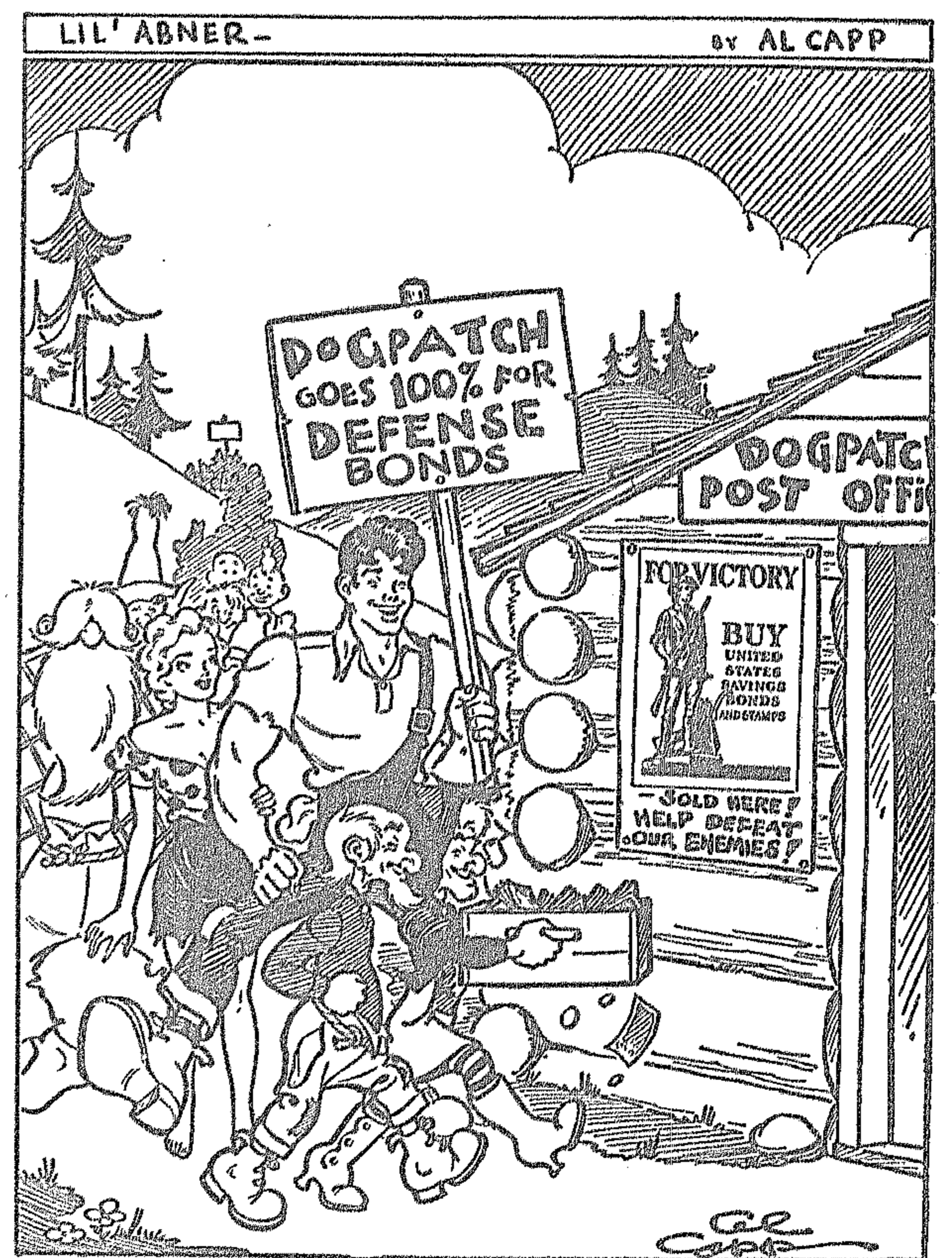
•Dr. David P. Boder of the department of psychology at IIT received a telegram from Collier's Magazine, a famous national weekly, requesting an interview in connection with his studies on the adjective-verb relationship in various forms of writing. In 1940, Dr. Boder published a booklet, "The Adjective-Verb Quotient" which has since been extensively reviewed and discussed in a number of periodicals, among them Time Magazine and Technology Review, the official publication of the Massachusetts Institute of Technology.

•Dr. Boder stated that the necessity of clear writing in cases of instructions which accompany machines and technical devices as well as the importance of clarity in military and political reports in the press and on the radio has apparently made a number of people in responsible positions language conscious. In continuing, he added that this awakening of these people has

put them on the search for more objective scientific criteria of appraisal and evaluation of style of written or oral presentation of ideas and theories.

•In his publication Dr. Boder counted 16,000 words and listed them as coming from four major types of writing. Of these types the dialogue of plays had the fewest adjectives (average A. V. Q.: 11); laws were next (A. V. Q.: 20); then fiction (35) and scientific writings (75).

•The interest shown by Collier's is only one of the many recognitions Dr. Boder has received. He was chosen editor of the psychological section of the latest edition of the Encyclopaedia Britannica, is the inventor of the Boder voice keys which are used in connection with the lie detector and with Joseph H. Stonekin of the metascope and diploscope. Dr. Boder also is the executive director of the Psychological Museum.



ZMESKAL HEADS NEW DEFENSE TRAINING X-RAY LABORATORY AT ILLINOIS TECH

•Illinois Institute of Technology's Engineering Defense Training Unit is building a new X-ray laboratory, under the supervision of Professor Yellot. The new laboratory will be operated directly by Dr. Zmeskal.

•Dr Zmeskal, an Armour graduate, has been working on the new X-ray laboratory since his return to IIT this fall from Massachusetts Institute of Technology, and predicts that the laboratory will begin operations late in February in conjunction with the defense training program.

•X-ray equipment will be available for the training of approximately forty men selected from industry to be trained in this specialized work. The trainees will

be available for inspection work with the Chicago Ordnance District. The X-ray course will qualify men to inspect castings, forgings, and welds for the army.

•The new laboratory is complete with a darkroom, transformer, rectifier and a 220 kilovolt X-ray tube. All the work will be carried on under a one quarter inch lead shield and extreme precaution has been taken to protect the rest of the building from the danger of the X-rays.

•The defense training course will include both X-ray radiography and gamma-ray radiography. Radiography is a method for non-destructive examination of internal defects. A shadow picture of the defect is formed by radiation of high penetration power and is reproduced as a photographic image.

*You can't beat
the quality of
the real thing*

Pause
Go refreshed
Coca-Cola

Raise a frosty bottle of Coca-Cola to your lips and drink. Instantly its clean, exciting taste brings you refreshment plus. And quality—the quality of genuine goodness . . . the quality of Coca-Cola—the real thing.

BOTTLED UNDER AUTHORITY OF THE COCA-COLA COMPANY BY
COCA-COLA BOTTLING CO. OF CHICAGO, INC.

You trust its quality 5¢