Library to Have Many New Books

Miss Wirick, genial assistant librarian, has left Armour to take the post of librarian at the Southwestern College in Winfield, Kansas. Her work will be replaced by that of Miss Virginia Neal on October 1. Miss Neal studied at Carnegie Institute and has been working with the International Filter Company.

Following is a partial list of some new books the library has acquired:

Boylis, J. R.—Elimination of Taste and Odor in Water

Briscoe, H. T.—Structure and Properties of Matter

Campbell, H. L.—Working, Heat Treating and Welding of Steel

Chase, H.—Die Castings

Chase, Stuart—Economy of Abundance

Dennison, H. S.—Organization Engineering

Dwight, H. B.—Tables of Integrals and Mathematical Data

Eastman Kodak Co.—How to Make Good Pictures

Eastman Kodak Co.—Photomicrography

Harding, T. S.—Popular Practice of Fraud

Hobart, A. T.—Oil for the Lamps of China

Lange, N. A.—Handbook of Chemistry

Ludwig, E.—Hindenburg.

Mangold, J. F.—Practical Mechanics of Motion

Matthews, J. H. and Soneson, P. E.—Analysis of Framed Structures

Rickard, T. A.—Man and Metals, 2 vol

Riesbeck, E. W.—Air Conditioning

Sheperd, H. F.—Diesel Engine Design

Shoop, C. F. and Tuve, G. L.—Mechanical Engineering Practice

Slichter, S. H.—Towards Stability

Tead, O.—Art of Leadership

Wagner, A. F.—Experimental Optics

Wells, H. G.—Experiment in Autobiography

White, H. E.—Introduction to Atomic Spectra

Woldman, N.—Physical Metallurgy.

Wright, M.—Getting Along With People

American Association for Advancement of Science—Comm. on Patents—Protection by Patents of Scientific Discoveries

These twenty-seven books form only a small part of the list which Miss Steele will soon post on the library's bulletin board. Professor J. F. Mangold's new book is included in the above list.

Miss Steele, who vacationed a month at her home in Lake Forest by swimming and horseback riding, will soon prepare a list of reference libraries of interest and use to the Armour students. This list will be posted on the library bulletin board soon and will also be printed in the *News*. Miss Verwey was on sick leave this summer from July 1 to the last week in August.

NEW PROFS—

(*Continued from page* 1)

Snediker, replaces Kent Parker as instructor in Fire Protection Engineering. Mr. Snediker has recently been transferred from the Minneapolis Bureau to the Chicago branch of the Western Acturial Bureau.

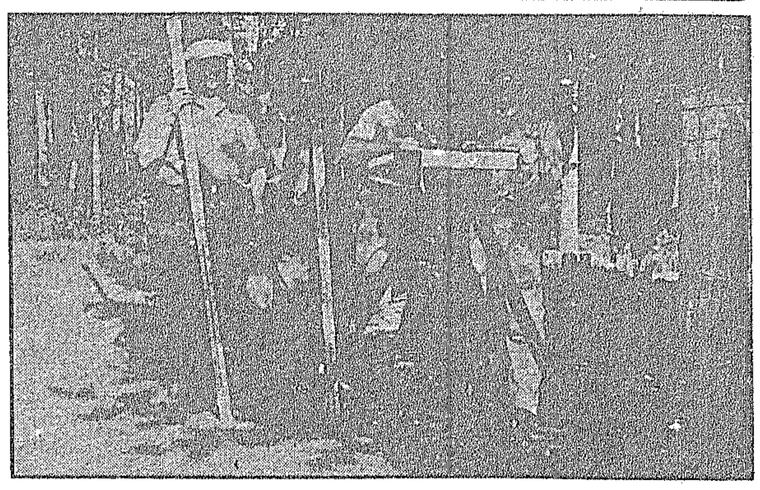
Dr. Lockling is now teaching at the University of Illinois. His place has been taken by Mr. Wm. Goetz, a graduate of the University of Chicago. Mr. Goetz has taken engineering courses at Cornell and graduate work at Chicago "U." He has taught at the Universities of Buffalo and of Chicago, besides doing commercial work for the James O. McKinsey Co.

Frank Oster Is New Cloak Room Guardian

A familiar face around Armour for the last forty years or so will greet Armour students in a new capacity today. Tall, mustached Frank Oster, who has grown gray in the service of the Institute, will now take charge of the cloak room. His job is the exchanging of hats and coats for metal checks and vice versa.

William L. Kane, whom the seniors will remember as tool room boy in the machine shop and who in recent years served in the capacity of janitor, assumes the duties of custodian in charge of the buildings.

● Left—the civils pose for their picture at summer camp. Right — Richards, Duerrstein, Moore and Johnson looking serious over a plane table. ● Below—Larson finds a visitor in his garage.



SCIENCE NOTES

By Norton Gerber

After six years of constant work, Prof. J. A. Reyniers claims he has succeeded in obtaining absolutely germ-free guinea pigs. If such is the case, such important germs as those which cause colds, influenza, and infantile paralysis may soon be isolated.

Sixty per cent of our transport flying in the United States is done at night.

The Ford Motor Company has perfected a new method for rustproofing. Zinc is deposited by alternating current. As a result of the use of alternating current, hydrogen is not formed at the cathode, thus permitting the deposition of a zinc coating that is neither fragile nor crystalline.

Aztec Indians of Mexico, long before modern psychiatry, considered fear and fatigue as diseases calling for medical treatment.

When carbon black was introduced in concrete to reduce glare from the road, it was found to have a strengthening effect on the concrete.

Chemists may now have invisible gloves—they come in a can and look like cream. On rubbing this cream into his hands, it disappears, forming a protective film which keeps dirt, grease, paint, and so on from entering the pores. This cream is then removed by rinsing in water. It is known as "Pro-Tek" and is finding wide use among doctors and mechanics.

By a unanimous vote of the American Chemical Society's committee, the first Eli Lilly and Company award in Bio-Chemistry has been made to Willard Myron Allen of the School of Medicine and Dentistry of the University of Rochester, Rochester, New York. The basis for the award is the outstanding work done by Dr. Allen in developing a sharply defined biological test for the action of corpus luteum, the use of this test to isolate in crude form a potent extract, and then the complete purification of the hormone now called "progestin."

The U. S. Coast and Geodetic Survey will soon have a chance to see if the earth's crust, from 17 to 75 miles thick, will bend under the enormous load at Boulder Dam—41,500,000,000 tons. Engineers expect an area of twelve square miles to sink six-tenths of a foot. This will be the greatest load man has ever put on a single place of the earth's surface.

The vitamin necessary to produce fertility in female animals is vitamin E. Evidence leads to the belief that this vitamin is a high alcohol, containing 29 atoms of carbon, 50 atoms of hydrogen, and two atoms of oxygen.

The Iron Horse does not seem to be dying quite as fast as many would have us believe. The Baltimore and Ohio R. R. streamlined passenger train, recently completed, is almost as revolutionary in design and construction as the much heralded Diesel operated trains. While the space between the cars is closed, as in the Diesels, the new train has an advantage in that its trucks are not articulated. This allows cars to be "cut out" to meet lesser traffic requirements. Its speed will approach that of its rivals on the rails. Railway Age of May 4 gives an exhaustive description of the train and its locomotives.

Mechanical Alumnus Wins Singing Honors

Alexander Kulpak, graduate of the department of mechanical engineering last June, a former track man, first violinist for the Armour Orchestra, and a soloist in the glee club presented a vocal concert this summer at the Blue Island, Illinois first centennial.

Kulpak's engagement at Blue Island came as a result of his victory in the bass section of the Tribune Music Festival contest for the west side at the Midwest Athletic Club.

Kulpak sang several numbers recently over radio station WLS, where he has been invited to sing again.

Prof. G. Wilcox Doing Radio Research Work

Extensive tests on insulating materials for radio frequency were among the research activities carried on at the Institute during the past summer. Conducted by Prof. Guy M. Wilcox, professor emeritus of physics, for the Di-Electric Radio Corporation of Jersey City, the tests were part of a series extending over several years.

Bakelite and other common insulators being unsuited for radio-frequency circuits, the Di-Electric Corporation is engaged in trying to find more efficient substance. A great many such materials as varnishes, lacquers, and ceramics have been tested.

Office of President Moved and Improved

Although it long has been felt advisable to have an office to suit the dignity of the Dean's position, it was not until this year that the change was made. Dean Heald now occupies the office south of the main entrance, formerly used by the President. The office of Dr. Hotchkiss was moved to the second floor, just north of the elevator. Certain changes have been made in the business offices of Armour that made it advisable to have all these offices together.

The president's new office is constructed of wall board donated by the Celotex Company, regular Celotex being used for the walls and acousti Celotex for the ceiling. This gift of wall board was obtained through Professors Peebles and Moreton and T. B. Munroe, vice-president of the Celotex Company. Professor Moreton also had charge of of the construction and design of the offices.

Dust-free air is provided by a filter. The appearance of the new offices is modern and lends distinction to the second floor.

More than 3,000,000 spot welds and 1,500,000 inches of seam welding—without a single reject because of faulty welds—have been accomplished in the manufacture of evaporator units for G-E refrigerators. The spot welding is at the rate of 150 per minute, and the seam welding at the rate of 72 inches per minute on the stainless steel unit.

ARX NEWS

ARCHITECTS, NEW AND OLD . . . ATTENTION!!

This editor welcomes you to Armour and back to school. This editor wants you to know that this is your column, that he attempts to make a news item of your activities, scholastically, socially and morally, and those of your classmates and professors as well. This is a column of, for, and by architects, with the rare exception that an engineer in a moment of weakness will cast aside his pride to give this column and the ARX a break.

We are happy to print that many of the ARX of the class of 1935 have been placed in jobs that are in or directly connected with architecture. This is a good barometer to confirm the general opinion of the field that things are actually "picking-up." So go to it, you '39'ers.

A few of the boys who will return to school as seniors this year were employed during the summer by Prof. William F. McCaughey in his Park Ridge architectural office.

As he has done in the past few years, Prof. Earl H. Reed Jr., director of the department of architecture, spent several weeks in Estes Park. No doubt, he has returned as usual with many fine water color sketches.

Ran into Prof. Albert Krehbiel the other day in the Art Institute. He had just returned from his summer class of forty-two art students at Saugatuck, Michigan. Boys, he never looked better in our recollection, and he tips the pointer at 190 pounds. "Kreh" has long been a first-rate-one-of-the-best charcoal wielders. This year he's going to be more potent than ever, and everyone in the department will be benefited.

After about two years of real pleasure in conducting ARX NEWS, yours truly is going to divulge to the mass of his readers the deep-dark secret of his identity (which everybody knows anyway). Because with this issue EAGLE EYE again becomes an ordinary citizen and discards his "incognito." We could mention the name of the next ARX NEWSED, but we're inclined to believe that he would like to fool the public just as EAGLE EYE has done (Now isn't that a laugh?)

Good-bye and good luck to all my readers and may your name appear in this space frequently. Pray that it will not be connected with scandalous or malicious notoriety, but rather with noteworthy achievements and praiseworthy laudations!

ALFRED J. ROSEN
alias
EAGLE EYE.

Program Committee of A. I. Ch. E. Meets

In order to determine the course of procedure of future A.I.Ch.E. programs, the program committee met last Friday morning in Professor H. McComack's office. The committee consisting of H. P. Milleville, R. Paulsen, J. F. Kahles, and O. Zmeskay, has for its objective, to clarify for its members the nature of the chemical engineering profession and of the various duties of the chemical engineer by its investigation in the field of chemical engineering. Professor McCormack has shown interest in the procedure and promises to have available a statistical survey of the alumni of the chemical engineering department, especially of the more successful graduates.

In addition, each member of the program committee investigated this summer, several subjects of interest to the chemical engineering students.