

# W.S.C. EXPERIMENTS AID MODERN INDUSTRY

### Many State Engineering Problems Subject of State College Investigation

By H. J. Dana, W. S. C., '11

Nearly all great industries at the present day, spend large sums each year for maintaining technical laboratories for original research along their particular line. Although these laboratories have accomplished a great deal, the results are often held in secret for their own benefit. Also, the lines of research have necessarily been limited in number and scope because of the lack of funds and equipment and of trained men to carry on the research.

The engineering experiment station at the State College of Washington was organized for the purpose of utilizing the technical equipment of the college laboratories and the trained personnel of the engineering faculty to help solve some of the engineering problems of the state. Some of the work of original research is being done by members of the faculty in addition to their regular teaching work. The author has been employed to devote full time to this work and is now studying the loss of heat from bare steam pipes in order to discover the best kinds and combinations of covering to use. These tests have resulted in the development of a new type of pipe insulation known as "graded covering," the use of which will probably mean a considerable financial saving to users of steam heat. The report of the above investigation will soon be published in bulletin form.

Another bulletin soon to be published by the engineering experiment station will deal with the use and abuse of ropes and tackle. Six other bulletins have been published up to date, and these are frequently mailed out in answer to requests not only from different parts of the state of Washington but from all over the United States and even from foreign countries. This proves the universal value and interest of the work done in the engineering experiment station here.

In addition to the work already completed there are a number of problems under investigation by different members of the engineering experiment station staff. These include a determination of the value of Northwestern coals for use in producer engines, design of a universal laboratory instrument for standardization purposes, impregnation of woods to increase the insulating qualities, and others.

W. S. C. has been recognized by the largest technical institution of the United States as one of the leading engineering schools of the West, which shows that our college ranks higher in engineering than is generally conceded.

This is proven by the appearance of Theta Xi, the largest and oldest engineering fraternity in the United States. This fraternity has confined its chapters exclusively to those colleges which rank highest in that profession.

Some time ago a committee representing this fraternity made an official investigation of the college of engineering in order to determine whether or not it was sufficiently large and important to support a fraternity which limits its membership to students in engineering and applied science.

The chairman of this committee is a graduate of the Massachusetts Institute of Technology and has officially investigated a great many of the engineering schools in the United States.

After investigating the laboratories, equipment, and the engineering experiment station, and conferring with the instructing personnel, he stated that he was very agreeably surprised at what he found. In many ways our equipment is more modern and complete than in many of the old eastern schools which have a national reputation.

The importance of an engineering college may be measured by the accomplishments of its graduates. The fact that Washington State College graduates have been making engineering history in the Northwest proves its claim for leadership in that field, and the college may well be pleased at receiving the deserved recognition from the older technical institutions.

The budget is a pattern for spending. It bears the same relation to the income as the paper pattern to the cloth of which a dress is made.

Now is the time to plan the home garden.

Hatch early and get eggs next winter.

## FEDERAL BOARD ASSISTS WORLD WAR VETERAN

"Pulled out of the mud" by the federal board and put on his feet once more is the story of Ralph J. Colter, veteran, who has just signed up for vocational training at the college.

Conrad Coulter's story reads like a novel. Discharged from a San Francisco hospital and left "on his own," he took up work in the oil fields of Wyoming, only to break down under the strain. A winter spent in trapping in the mountains, and a part year of "bumming" brings the story up to the time he was discovered by the federal board and the opportunity given him to take training. He has just arrived in Pullman from Pocatello, Idaho, and will in all probability enter the agricultural course.

## PROFESSOR SOLON SHEDD STATE GEOLOGY HEAD

Professor Solon Shedd, head of the department of geology, has been appointed state supervisor of geology by Commissioner D. A. Scott, director of the conservation and development department of the state under the new administrative code adopted by the legislature at the recent session.

In this appointment Dr. Shedd succeeds Dr. Henry Landes, who retires as state geologist under the old regime April 1.

The duties of this new office are the supervision of the work on the mineral resources of the state as well as the geological and topographical mapping which is carried on in conjunction with the government surveys.

Dr. Shedd, one of the oldest mem-

bers of the faculty, is a graduate of Monmouth College and received his Ph. D. from Stanford University.

## CAMPUS DAY MAY SIXTH

Campus Day has been set for Friday, May 6, by Big Chief Lloyd Gillis, after consultation with President Holland. More details of the work to be done on that date will be announced later, after another meeting of the Big Five with President Holland. On the afternoon of Campus Day there will be the High School Interscholastic Track Meet on Rogers field, under the auspices of the Pullman high school.

S. A. Kimbrough, Washington State, '11, who was recently promoted from the cashiership of the Spokane Exchange National bank to the position of vice president in the re-

organization of the staff of the bank, is well known in Pullman and on the campus.

Mr. Kimbrough was a charter member of Sigma Nu fraternity and married the daughter of former State Senator R. C. McCroskey, for whom the new girls' dormitory was named. He was for eight years cashier of the Farmers' National bank of Colfax. He is one of the youngest bank vice presidents in the city of Spokane.

William Huntley, the new president of the Exchange, succeeding State Senator Edwin T. Coman, who resigned at the regular meeting of the board of directors, will assume his new duties at the same time. Senator Coman was also a former Colfax banker.

Drones are not honey producers; make them as few as possible when the honey flow begins.

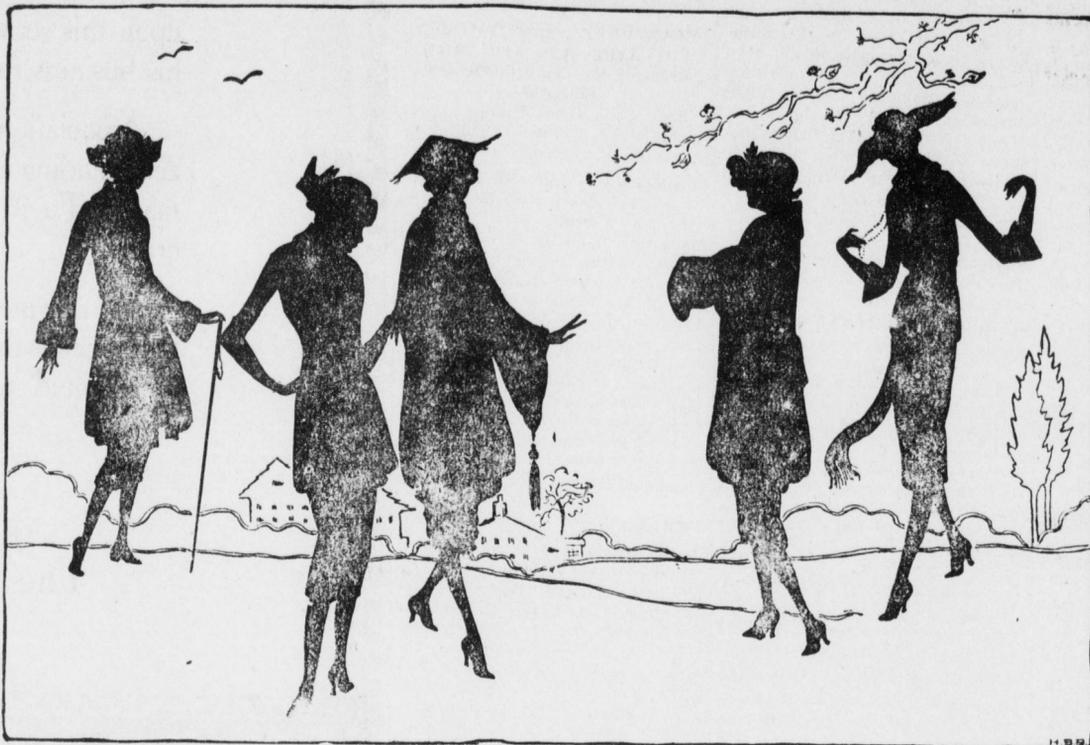
## NORMAN YORK IMPROVES

Norman York, a member of the freshman class, is convalescing from his operation for appendicitis a week ago. His case was first thought to be influenza and became quite bad before the operation was performed. Another difficulty was added when the lights went out all over town after the anesthetic had been applied. Mrs. York, his mother, came from Stevenson and was with him most of the week.

Clean utensils, clean cows, clean milkers and clean barns will give clean milk.

Going to sow any seed this year? If so, get that order in early.

Is your seed free from noxious weeds? Have it tested and find out.



# Silhouettes of the New Spring Creations

Fresh and youthful, breathing the very beauties of springtime are these new coats and suits. We doubt if you will find a display anywhere offering greater selections of the new modes, colors and materials.

NEW BLOUSES PRICED \$5.50 TO \$20  
NEW SKIRTS PRICED \$6.50 TO \$20

Lovers of smart apparel will be delighted with every garment presented--delighted with its individuality, its nicety of tailoring, the style, the fit, and, above all, the modified prices which characterize the showing.

NEW SUITS PRICED \$25 TO \$110  
NEW COATS PRICED \$10 TO \$95

## MILLINERY

Every woman and miss will be pleased with the variety of shapes, the smart sailors, striking turbans, side rolls, flaring styles, and jaunty trimmed shapes. Henna, copper, leather, brown, dove gray, orange and pastel tints, are among the delightful colors. Priced at from \$5.00 to \$25.00.

### Men's Clothing for Spring

OUR NEW SUITS FOR SPRING ARE HERE FOR YOUR INSPECTION, AND AT PRICES TO FIT YOUR PURSE. NEWEST FABRICS AND COLORINGS FROM THE FAMOUS MAKERS OF CLOTHING. NEW SUITS ARE PRICED FROM

\$30.00 to \$48.50

### Ladies' Footwear for Spring

NEW SHIPMENT OF OXFORDS AND PUMPS FOR EARLY SPRING WEAR ARE NOW ON OUR SHELVES. THE NEWEST ONE-STRAP SUEDE PUMPS IN BLACK ONLY, ARE VERY POPULAR FOR THIS SEASON'S WEAR.

Priced at \$6.50 to \$11 the pair

**NEW CAPS**  
An express shipment of the newest in Caps for Spring Wear. The newest colors make the most beautiful line of Caps we have ever shown. Call and see them today.  
Priced at \$3.50

**NEW HATS**  
New cloth hats in a variety of colors of the newest shades. Very popular for spring wear.  
Priced at \$4.50

**NECKWEAR**  
Novelties in the latest neckwear may be found here. New Collar and Cuff Sets, Vest Fronts and Collars, and new Rufflings to make your own novelties for neckwear.  
Reasonably Priced

**SILK PETTICOATS**  
Simplicity of design, liveliness of colors, and remarkably low prices make our showing of new Taffeta Petticoats unusual.  
Priced at \$4.50 to \$5.00

**ODD TROUSERS**  
If in need of odd trousers to match your coat, you can find them here in new brown mixtures, blues and grays.  
\$6.50 to \$7.00

**STACY ADAMS SHOES**  
The best made in men's footwear. We have your size in browns or black.  
Now Priced at \$15.00

**SILK HOSE**  
Absolutely the best silk hosiery values can now be found at this store at very reasonable prices.  
\$1.50 to \$2.50

**NEW GINGHAMS**  
Many of the new charming dresses for spring will be of Gingham. Our Ginghams, both of domestic and imported variety, are of the best patterns to select for your Gingham dress.  
30c to 85c the yard

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Whitman County's Greatest Store