

SALT LAKE SENIORS LELAND STANFORD UNIVERSITY.

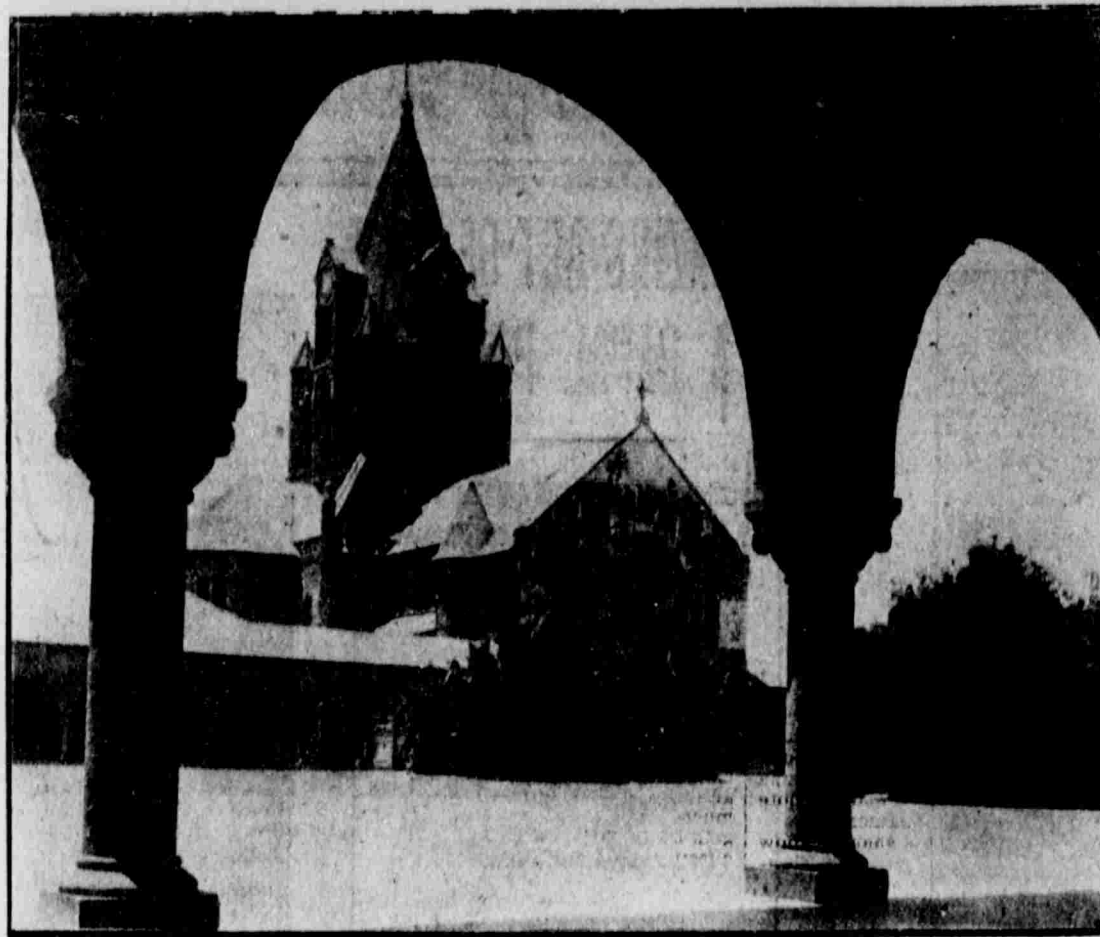
Special Correspondence.

Leland Stanford University, Cal., Jan. 6.—The regular January announcement of standing shows Utah prominently represented in the class that will graduate in May from Stanford university, in California. With the departure of the Utah seniors that college will lose its leading literary lights and the stars of the amateur stage.

The most picturesque figure at Stanford today is "Ike" Russell of Salt Lake City, one of the strongest members of the graduating class, a man who, during the four years of his college course, has had marked influence on undergraduate affairs, and one whom his university will remember and remember kindly. Mr. Russell first attracted attention by his stories of Philippine soldier life, which were published in the Sequoia, the college literary magazine, and rank among the best work preserved in the files of that publication. Mr. Russell was soon chosen associate editor. At the end of his sophomore year, "Ike" recognized as the most popular man on the campus, met with no opposition in his election by class vote to the editorship of the junior annual, the "64 Quad," and the year following he got out a book that is well placed beside the best of the preceding nine volumes of the series. He had meanwhile contributed largely to the university "funny" paper, the Chaparral,

and was selected by its board as the most competent to wield the hammer, in other words, to edit the college "knocker." So during his junior year Mr. Russell edited both the comic bi-weekly and the annual, a feat which was at the same time an honor and a labor which rarely falls at once to any one man. This year, as an expression of the approval of his co-editors, Mr. Russell was re-elected to the editorship of the Chaparral, and now for two successive years under his control the paper has maintained a uniform high standard, and its proper fearlessness. It is the place of the Chaparral to "bawl out" whatever may be going wrong in student affairs; the post calls for courage, and Mr. Russell has demonstrated that he has that, for despite threatened thrashings from athletic members of various organizations he has criticized, and actual "tubings" administered by brute bodies of underclassmen whose shortcomings he has exposed, "Chaparral," which is "Ike" Russell, continues to say his say, and is listened to. Mr. Russell is a member of the Press club, a social organization that binds into brotherhood the literarily inclined of the university. He is also a member of Kappa Sigma fraternity.

Salt Lake claimed another editor in Waldemar Young, who cut short his college career to accept a position on the staff of the San Francisco Chronicle, and will not graduate with his class in May. Last year Mr. Young was editor-in-chief of the literary magazine,



THE FAMOUS CHURCH IN THE STANFORD QUADRANGLE.

the Sequoia, which the Associated Students of the University published bi-weekly. The magazine thrived under Mr. Young's uniquely careless and yet thoroughly successful editorship. "Wally" had the honor of his election by student-body vote at the end of his sophomore year, whereas the coveted post of editor-in-chief is ordinarily reserved for seniors. In addition to his literary work, Mr. Young was prominent as an actor in college farces; two of these original plays are written, acted, and presented under student management yearly. Waldemar Young was the stock comedian in all such farces given during his residence at the university. His mere appearance was the signal for applause. His ability extended to play writing, for he was joint author of a laughable role in the comedy when presented, and in every way contributed to its decided success.

Mr. Young was a member of the dramatic club, "Sword and Sandals," of the 1904 Quad and Chaparral editorial boards of the Press club, and Phi Kappa Psi fraternity.

Mr. Young shared his honors upon the college stage with Miss Edyth Mae Hale, also of Salt Lake City, who plays as professor, choosing especially roles which call for a dainty little old lady in lace cap and fleecy shawl. Miss Hale had the leading part in the Roanoke Faculty, farce given in 1902 by the girls of that hall in honor of the teaching corps. She played in the 1904 junior farce and scored a hit as "Mrs. Garland, widow." Miss Hale has made English her special study at Stanford and ranks among the best students in her department. She has contributed to the literary magazine, writing especially well realistic children's stories.

Miss Hale is a "queen" in the social set, and no dance is complete without her. She has reigned independent of any Greek letter club up to this year when the newly forming society of Phi Phi was fortunate enough to enlist her among its members. Miss Hale is also a member of the Stanford English club.

With this graduating class of 1904 Salt Lake's prominent writers and actors leave Stanford. The junior set incline to athletics, with literary work as a profitable minor matter. Among that muscular crowd the Tarpey brothers are most in evidence. Both will graduate in 1905.

Paul Tarpey is the Stanford correspondent for the San Francisco Examiner. He is best known, however, as an athlete, having twice made the varsity S, both times in intercollegiate football against California. His preparation was three years' work on the Salt Lake high school team. He captained the Stanford freshmen who faced the California babies in the first semester of his first year, playing right half on that 1902 eleven, while his brother, Dave Tarpey, held down left tackle. The Stanford team won its game by destructive tandem bucks directed continually against one weak spot in the California line, and by individual plays of wild spectacular nature. Paul Tarpey was the star of the occasion. He had his men in hand from first to last, gained yards when yards were needed, coolly made a place kick from behind the 35-yard line, and when another try for a similar score was blocked, he grabbed the rebounding ball and cleared a 32-yard run to a touchdown; he then walked out and kicked the goal, thus adding 11 points to the Stanford score by his own individual merit. That same year Paul Tarpey went into the varsity game against California at left end for the second half. In the Stanford-Utah game on Nov. 27, 1902, it was Tarpey, at half, who made the first touchdown against his home eleven, and from that moment his play contributed to the Utah defeat. On New Year's day, 1902, at Pasadena, it was Tarpey, substituted at quarter in place of disabled Banebach, who guided the Cardinal eleven against the Michigan champions in the hardest fight the red men ever waged. This Christmas Tarpey played a good game at end on the All-Coast team, which met the Carlisle Indians in

San Francisco. From their entrance into the university, down to the last gridiron scrimmage, the Tarpey boys, either on the first team or on the second, have been with the Stanford Red wherever and whenever a good man is needed. They are among the best liked members of the popular athletic fraternity, Sigma Nu.

Another Salt Lake junior who finds profit in literary ventures, is Jacob Coleman, elected business manager of the Sequoia for the current year. Thanks to Mr. Coleman's business acumen, now for the first time in its history, the magazine has an office building half of which it occupies and half subjects to its rival, the Chaparral, in further proof of good management the subscription list has jumped to a figure not equalled in the memory of the present college generation.

IRENE WRIGHT.



MISS EDYTH MAE HALE.

PAUL TARPEY.



"IKE" RUSSELL.



"WALLY" YOUNG.

A GREAT STATE INSTITUTION.

The Agricultural College's School Of Engineering and Mechanic Arts.

CHANCES TO LEARN A "TRADE."

Full Description of One of the Leading Departments of the Agricultural College at Logan.

The Agricultural College of Utah, located in Logan, enjoys a fame not by any means confined to the west. One of its principal departments is its school of engineering and mechanical arts, a description of which follows. This department of the college was omitted from the elaborate article printed in the Christmas News, and a recent issue of the Semi-Weekly News, which is the reason for publishing it at this time.

The work offered by this school is, as the name implies, of a two-fold character, according to the object in view, whether engineering or mechanic arts. In the arrangement and selection of the work offered, two conditions have governed—the demands of the state and adjacent territory, and the equipment of the individual student. The first is defined by the industrial condition of the state and its demand for technical training. The school also recognizes the importance of coupling with such training the elements of depth and breadth of character. It is a fact that a technical training becomes a doubly powerful factor, when united with a liberal and comprehensive appreciation of current thought and activity. In the past, "technical schools" in general have done very much to help the "professional man," and the college has done and is doing a laudable and necessary work in helping its students toward a higher and larger life. Comparatively little has been done, however, to equip for his special work, the man who represents that class usually referred to as the "artisan class." Many a worthy young man, who may lack the means or capacity or it may be the inclination, to do the work required to enter the class of professional men, does enter upon a course of work which shall equip him for first place in the artisan's ranks. These conditions being recognized, prompted the college a few years ago to establish a department of

MECHANIC ARTS.

In this department opportunity is had for young men to acquire a "trade." The term "trade" as here used is not to be confused with the "trade" acquired by the old apprenticeship system. It has been established beyond controversy that practice in the handling of tools and materials, even to the extent of acquiring a trade, may have a high educational value. The skillful manipulation acquired by the old system may not only be maintained, but an account of a more intelligent and systematic procedure far exceeds in both speed and accuracy. Under such a system a much higher standard of taste may be developed, so that the product shall not only be well made and fulfill its function of usefulness, but possess the much rarer quality of a pleasing appearance. That this department has been more or less successful in its effort to the end indicated above is well recognized throughout the state, and is further attested by the increased demands for extension of this work. It is to be borne in mind that while a trade is acquired by the student who pursues one of the various courses of study offered in this department, this is not to be confused with the strictly "trade school" found in some parts of this

country and Europe. Not only is the strictly trade work itself so systematized and classified as to have a high educational value, but during the four years of the student's attendance he also acquires a liberal high school education. English, mathematics, physics, zoology, history, free hand and mechanical drawing, etc., are required subjects. His contact with the spirit and feeling of college life, of which he really becomes an integral part is not without its salutary effects on his attitude toward the world about him.

It is generally conceded that the liberality of the state in responding to the needs of the department has made possible an equipment which places it easily first of its kind in the entire western part of the country. The department has been declared by many who pass through from the east to be fully abreast of any, even among the older institutions of the east. Present facilities enable the department to offer work leading to journeyman standing in carpentry, cabinet making, machine work in iron or wood, forging, carriage building, pattern making, and moulding.

ENGINEERING.

In arranging the work in engineering, these same general considerations have been kept in mind; and the courses of study bear a relation to the development of the natural resources of the country, similar to that borne by the work in mechanic arts to the industrial pursuits. All lines of engineering are demanded by our locality: e. g., the demand is made for courses in civil architecture or marine engineering or for skill in the design of certain classes of machinery, such as cotton spinning machinery. It is recognized that the development of the state's natural resources demands men trained in designing water works for irrigation systems and power plants, with the special machinery of these, as well as the machinery for transmission of power and transportation of materials, and of the various manufacturing processes peculiar to our locality. Conditions demand men skilled in the manner of construction of bridges, as well as office and other business buildings. The material for the engineering courses has been selected with a view to meeting these demands, rather than an attempt to copy or imitate the material used in the courses of older eastern schools, differently situated and fulfilling different demands for engineering skill. From the material thus indicated, such selection is made and such questions are discussed as will give the student the most comprehensive idea of the problems to be solved, and a familiarity with their methods of solution. A broad and thorough knowledge of engineering data is aimed at rather than a lot of handbook information which may be immediately applied to special cases only. The classroom discussions are supplemented by numerous assigned problems and readings, and also by systematic work in the laboratories of chemistry, physics, and biology, and those devoted to testing material, power, and efficiency, and by special work in steam and fuel analysis and shop work. Thorough training and fundamentals—physics, mathematics, mechanics, chemistry, etc., is given, as being essential to an intelligent application of engineering methods.

As part of the special equipment recently installed, the new 200,000 pounds capacity testing machine for determining the strength and elasticity of materials of construction (timber, stone, masonry, and structural metals, etc.) leading special interest. Hitherto no work has been done to determine the qualities of our local materials and their value for structural purposes. Engineers and architects have had to rely on tests made on materials produced under entirely different conditions. It is proposed to make a systematic series of tests with this machine on all local building material. Besides giving the students special practice in doing such work, a large amount of information of great value to the engineering profession of the state will be obtained. The strictly professional work now offered by this school may be classified as follows:

1. Hydraulics, including the construction of irrigation and water-power plants; e. g., dams, canals, headgates, reservoirs, etc.
2. Power development, from combustion, flow of water and wind.
3. Power transmission by ropes, belts, links, fluids and electricity.
4. Mechanism and machine design.
5. Municipal engineering, including the construction and maintenance of sanitary water supply and sewage disposal, together with road building.
6. Field work, including land, rail, road and hydraulic surveying.
- 7.

Resistance and elasticity of materials. 8. Draughting room work. 9. Methods and principles of construction in iron, wood and masonry. 10. Heating, ventilation and refrigeration of buildings. Here again the positions held by graduates in engineering, as experts in the reclamation service of the government, as professors and instructors in the leading schools of this and surrounding states, and as successful practicing engineers, bespeak the success of the department.

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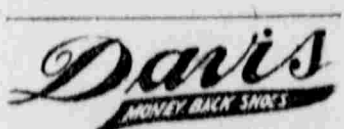
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