

STUDENTS PLAN NEW MAGAZINE

Exponent And Montanan Will Have New Competition

M. S. C. boasts of two official student publications at the present time, and from all indications this number will be raised to three next year. At present there are the Montana Exponent, weekly student newspaper, and the Montanan, the Annual. Plans are being formulated this summer for the inauguration of a monthly, semi-literary magazine.

Probably the Exponent is the most important of the three. It follows a definite editorial and news policy which is decided upon by each new editor upon his inception into his official position. The paper's policy is constructive and it is continually striving to improve some phase of student activities. Joe Walters of Whitefish edited the paper last school year, while Ben Law of Bozeman was selected by the students for the editorship during the coming session.

The Montanan is a permanent record both in words and in pictures of Montana State College happenings during the year. Last year's book, which was edited by David Rivenes, Bozeman, aroused a storm of comment all over the state as a result of its daring departure from orthodoxy. The book was done in a burlesque vein and was entirely different from anything ever seen here before. The editorship for next year was won by Lou Gudgel, Bozeman, and he promises something as different as the 1933 version, although he also states that the two will not be in the least similar.

William Schenk of Gallatin Gateway has announced the intention of a small group of last year students to initiate the literary magazine on the campus. The need for something of this nature has long been felt and the new publication should enjoy real success. Contents will include short stories, articles of argumentative type, poetry, etc.

In round numbers, some hundred and twenty-five students are associated with the publications, either writing, reporting, gathering adds, attending to circulation, etc. One is afforded as great an opportunity as it is possible to secure outside a school of journalism to learn the whys and wherefores of the newspaper profession and publishing trade. It can truthfully be said that the acquisition of the editorship of one's college paper is as high an honor as it is possible to acquire in college. Many past editors of Montana State College publications have later distinguished themselves in professional journalism.

Seventeen Take Advanced Work

Students Come From Two Foreign Countries Seeking Masters' Degree

That Montana State College is a popular place in which to take graduate work is proven by the fact that no less than 17 students, representing three states and two foreign countries, last year were candidates for their Masters Degrees. In addition two others sought their doctor's degrees. These students were enrolled in every major college of the institution, and represented many diverse fields of endeavor.

The following lists those who took work towards a master's degree:

Eugene Arthur Beher—B. S. in M. E. at M. S. C. in 1931.
Joseph C. Shaw—B. S. in A. H. at Iowa State College 1930.
Wendell Wall—B. S. in Chem. at M. S. C., 1932.

Gordon Conrad—B. of Mech. Eng., at University of Minnesota, 1929.
Sami Wafa Dajani—B. S. in Chem. at M. S. C., 1932.

Mary Esther Evans—B. S. in H. Ec. at U. of Wisconsin, 1931.
Judith Jane Belden—B. S. in H. Ec. at M. S. C., 1932.

Robert B. Edwards—B. S. in E. E. at M. S. C., 1932.
Wesley C. Funk—B. S. in E. E. at M. S. C., 1932.

Saxon Martin—B. S. in Bot. and Bact. M. S. C., 1932.
Bernice Norris—B. S. in Applied Art at M. S. C., 1930.

William Norman Oswald—B. S. in M. E. at M. S. C. in 1931.
Marjorie Amelia Richie—A. B. at U. C. L. A., 1932.

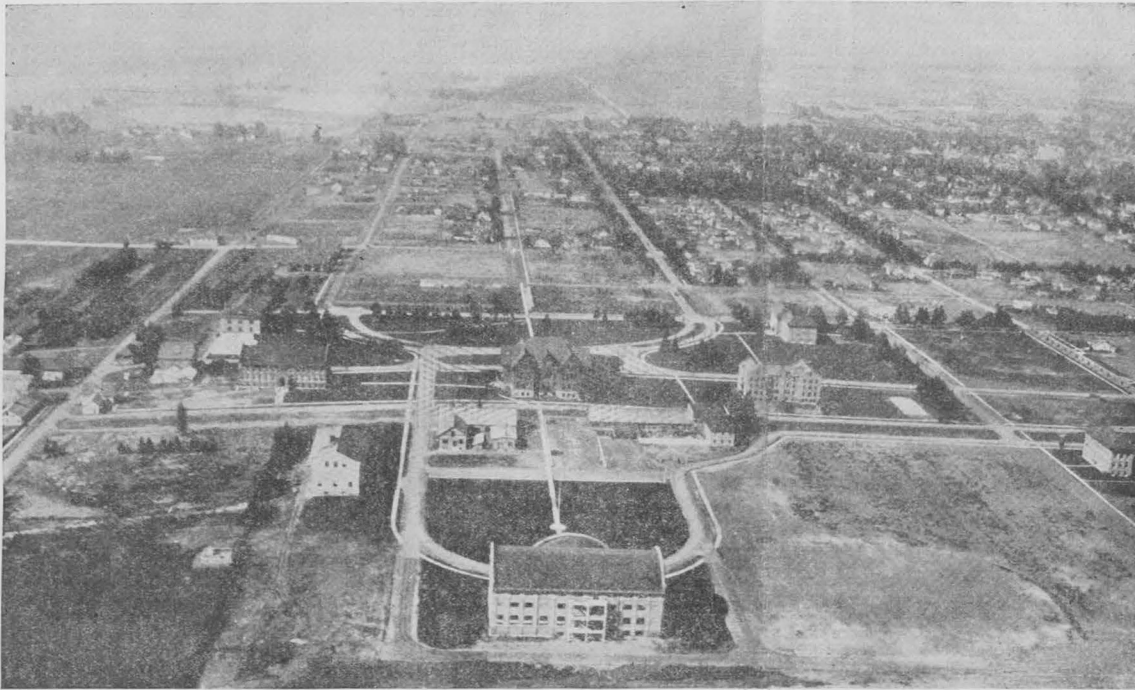
Reginald W. Salt—B. S. in Arts at U. of Alberta, 1930.
Ada Constance Torjerson—A. B. in H. Ec. at M. S. U., 1927.

Otto B. Van Horn—B. S. in E. E. at M. S. C., 1930.

Paul S. Carnes, who was graduated from Montana State College in 1925, is among those graduates enjoying responsible positions in foreign countries. He is now representative of the Henningsen Produce Company in Shanghai, China, and betrays very attractive prices for the products he sells.

In a recent letter to the State College department from which he graduated, Carnes says, "We wholesale ice cream in paper cups and in chocolate coated bars for considerably less than 30 cents a dozen."

Air View Of Montana State Campus



BROADWAY HITS TO BE PRODUCED

"Lilliom," "Hay Fever," and "Blossom Time" Are Chosen By Hansen For Next Year

Plans for next year's dramatic schedule as announced by the director of dramatics at Montana State College, Bert B. Hansen, will include two full length presentations for the autumn and winter quarters and a musical comedy for the spring quarter to be done in cooperation with the musical department of the school. In addition to these full length pieces, three one-act plays are presented each quarter.

As announced by Hansen the fall quarter production will be Noel Coward's "Hay Fever," a comedy farce. While not one of the most recent plays, "Hay Fever" is characteristic of Noel Coward in that it contains much of the brilliant dialogue that has made him famous.

For the winter quarter production it is planned to produce "Lilliom," the most famous play of the Austrian playwright, Moliere. This play is probably the most ambitious undertaking that the State college dramatic group has ever undertaken. It requires a large cast and a great amount of work on costumes and the technical side of the stage.

The annual musical comedy for next year, according to tentative plans, will be Schubert's "Blossom Time." Like the winter quarter play this piece also will require a large cast, and the co-operation of the musical departments of the college with the dramatic department.

Hansen believes that because of the large casts the 1933-34 program will give many new actresses and actors a chance to display their talents.

Those interested in costumes and stage settings will also be able to find much of the type of work that interests them.

Art Department Collects Etchings

Products of Louis Rosenberg and Douglas Hall Among Those Received Here

Montana State college, through its art department, is showing increased interest in art by forming a permanent collection of etchings by well-known international artists. Every year a new picture is received through the American Society of Print Collectors.

The newest etching is the "Hotel de Ville—Dreux" by Louis Conrad Rosenberg. It is a picture of the ancient town of Dreux which is 50 miles west of Paris. The hotel was built between 1302-1337, and the bell in the cupola is dated 1561.

As a special addition there is a wood block by Douglas Hall, instructor at the Art Institute of Chicago, called "Jack and Jenny." Hall has the ability to portray animal life with his block prints in an engaging manner.

The etchings that are now here include: "Craigmiller Castle" by D. Cameron, one by Alfred Hutt, "The Rialto Bridge" by Frank Brangwyn and a masterful portrait study of a boatman by Arthur W. Heintzelman.

The etchings are in the sophomore room of the art department.

REGISTRATION

Indications are that registration at Montana State College for the coming fall will be about ten percent greater than last year, according to W. H. McCall, registrar. Although Mr. McCall was unable to give any definite information so soon, he believes that the total registration will be as great or greater than last year's total, which was 1057 at its highest point.

As usual the college of engineering is more popular than any other, with the college of household and industrial Arts a close second.

TWO HONORED BY MONTANA STATE

Freeman And Hawkins Receive Doctor of Science Degree

After passing its fortieth birthday, Montana State College presented its first Doctor of Science degrees and both went to men who have become national figures.

Dr. Pliny H. Hawkins, banker and farmer, who now lives at Absarokee, is one of the Wests most prominent botanists. He was graduated from Montana State College in 1903 and used his college training to better enjoy his hobby,—plant collecting. At one time Doctor Hawkins had the best private herbarium west of the Mississippi and only recently entrusted it to the college where it will remain.

Dr. William Bradley Freeman of Denver received his doctor's degree June 6 of this year with Dr. Hawkins. Dr. Freeman has risen to heights in the field of engineering. He has held important positions with the U. S. Geological Survey, for the Siamese government, in the army during the World War, and for private concerns in Colorado.

DEEP SEA DIVING ALUMNUS

Theodore Reddick, a graduate of Montana State College and the only deep sea diver listed on its alumni list, caught an octopus with his bare hands off Catalina Island, survived battles with a shark and stingray and then went to the hospital as a result of a tumble taken at his home which gave him some severe glass cuts.

Reddick is now teaching in California, and since taking up diving has made a marine collection for the University of Southern California. He also has been engaged in taking under-sea motion pictures.

Breeden Returns To Assist Dyche

Former Basket Star To Succeed Adams In Coaching Department

M. S. C. sport fans were delighted last week by the announcement that John "Brick" Breeden, one of the most illustrious athletes ever to compete (Continued on Page Three)

8000 HEAR BAND ON SPRING TOUR

31 Men Visit 8 Cities During Extended Trip

Playing before some 8,000 enthusiastic music lovers in eight of the principal towns in Northwest Montana last spring, the 1932-33 edition of the Bobcat Band set a new mark of (Continued on Page Three)

To High School Graduates

What to do next in preparation to make a living, and to equip for enlarged usefulness, is preplexing many high school graduates at this time. The slowing down of industry has greatly lessened the demand for all kinds of services. High school graduates thinking about college observe that a good many college graduates are unemployed at the moment, and naturally, they wonder if there is a surplus of people with college training.

In entering upon any period of training, young people ought not to be too seriously influenced by the conditions prevailing at the moment. Those entering college this fall are almost sure to find a very different economic situation, and a greatly increased demand for all kinds of services when they graduate four years hence. For those who are in a position to do so, and who decide that they want to go to college, the present business depression should not interfere with this plan. In fact, it is a favorable time, since earning opportunities are not easily found.

Like the other states, Montana has provided excellent facilities for higher education, largely out of state and federal support. Montana State College offers high grade courses, fully accredited by the accrediting agencies, along the lines of engineering, agriculture, household and industrial arts, and the various branches of science. Details regarding these courses, and the conditions at the institution are described in this issue of the College Exponent. We hope that the young persons considering college, and also their parents, will read over these descriptions, in order that they may know what has been provided at Montana State College.



President Montana State College

DR. R. R. RENNE ANALYZES COSTS AT MONTANA STATE

Noted Economist Gives Interview and Discloses Figures For Expenses During One Full Year at M. S. C. Man Will Spend \$288.50. Co-ed's Total Will Be \$378.50.

During the past three or four years money has been particularly scarce and everyone has had to economize in some phase of their spending. Parents with sons or daughters of college age have been in a puzzling quandary as to where they should send their progeny in order to assure them of an education at a minimum of expenditure. This perplexing problem has been solved, for Montanans at least, by Doctor R. R. Renne of Montana State College.

WORD DUELISTS PLAN BIG YEAR

National Forensic Tournament at Lexington, Kentucky to Climax Season

Arrangements for the most complete forensic program in the history of any Montana school have been prepared for the 1933-34 season at Montana State College.

November 2, 3 and 4, the Rocky Mountain Forensic League will bring colleges and universities from four states to Bozeman for contests in debate, extemporaneous speaking and oratory. This meet will be unique and entirely unconventional, offering an opportunity for the free expression of ideas upon any subject.

Its most prominent feature will be three sessions of open-forum discussion during which the student delegates sit after the fashion of the national congress and attempt to reach a satisfactory conclusion upon the question used for debate. Last year when the League first experimented with this type of open forum discussion at its meeting at the University of Wyoming in Laramie, everything from inspired oratory to lobbying and political log-rolling was brought forth.

After the discussions the students entered for debating will voluntarily pair off into teams with the only restriction being that no one team will have two members from the same school. A regular round-robin tournament will then decide the best debaters of the meet.

During the evenings of the three days contests will be held in extemporaneous speaking and oratory. The forensic coaches will act as judges.

The schools which plan to send delegates to Bozeman for the meet are the six members of the League, Utah University, Brigham Young University, the University of Wyoming, the University of Colorado, Colorado Agricultural College and Montana State College. Invitations have already been sent and tentatively accepted by the University of Montana, University of Denver, Utah Agricultural College and the Colorado Teachers College.

Last year at Laramie, Montana State College, represented by Dean Stebbins of Billings, Fred Bennion, Rachel Egbert and Ben Law, all of Bozeman, took first place in both debating and extemporaneous speaking. (Continued on Page Four)

Hundreds Attend Vocational Meet

Annual Program One of Most Outstanding Features of College Year

One of the most outstanding events of the college year at M. S. C. is the annual High School Week which is held during the early part of the spring quarter. Last year over 450 were guests of the school and were unanimous in proclaiming the meeting the best ever held. Contests are conducted in speaking, scholarship, writing and judging during the week, the contestants being the guests of fraternities, sororities and hospitable townspeople.

One of the most worthwhile features of the week is the speaking program arranged by college authorities, for the vocational guidance assemblies. Last spring no less than 15 talks were delivered by prominent Montanan people, among them being Dr. Louis Allard of Billings, Mrs. R. E. Brown of Bozeman, president of the State Federation of Women's Clubs; Irving W. Smith, Great Falls superintendent of schools; Dr. R. R. Renne of the Montana State Economics department; the Reverend H. G. Klemme of Grand Forks, North Dakota, and J. E. Border state, supervisor of agricultural education. These talks are designed to help the high school boy or girl select a vocation which will suit his or her talents, and from past indications it is evident that they are remarkably fulfilling their purpose.

For the entertainment of the high school students during their stay in Bozeman, numerous social affairs including dances, teas, open houses, luncheons, etc., are arranged.

According to figures recently released by Dr. Renne, who is a leading economist, a freshman man student at Montana State College could pass the first year for the astoundingly small sum of \$288.50. A co-ed's expenditures during her first year would come to slightly more, her total being \$378.50. These figures are the result of an intensive study and are exact, not unfounded conjectures. Dr. Renne has facts and figures to back up his statements.

The fees for the year would amount to \$88.50. The allowance for books and stationery is placed at \$25, and that for entertainment and spending money at \$15.

Board and Room Large Item The largest item, necessarily, would be that for board and room which would give the above totals.

It is assumed the student will send his laundry home and that he will not require more than \$25 for replacing socks, shoes, or other articles of clothing.

Tabulating these figures we find that the man's expenses are \$288.50 for his first year, and the girl's \$378.50. The girl's expenses are assumed to be the same as the man's, except for board and room.

It must be remembered, Dr. Renne points out, that the budget as proposed above, would require strict adherence to its tenets. A student could not expect, of course, to take much part in social activities, nor could he afford to smoke cigarettes or to purchase many other luxuries. These figures would naturally preclude membership in a fraternity or sorority, but the amount of outside work the student might have to do would be considerably reduced.

College Attracts 49 Transfers

Students Come From 15 States To Study at Montana State

Forty-nine students from other schools transferred their affiliations to Montana State College last year, which is conclusive evidence of its standing. These transfer students represented no less than 33 colleges and universities, situated in the following 15 states and the District of Columbia: Montana, Iowa, Washington, New York, Utah, Minnesota, Ohio, Michigan, Missouri, Illinois, North Dakota, Oregon, Wyoming, Texas and California.

Among the various schools represented by these people were: Columbia University, New York; University of Missouri, Michigan State College, University of Washington, Martha Washington University, Texas State College for Women, University of Illinois, California Inst. of Technology, Illinois Wesleyan, Ohio Wesleyan, Iowa State College, University of Minnesota, and Clark College of Dubuque.

That it is unnecessary for one to leave Montana in order to secure an education is becoming increasingly evident. No matter what field the individual plans to pursue he can be assured of receiving the best possible training in one of the Greater University units.

Frats Combine As Economy Measure

Students Also Abolish Class Officers As Additional Saving

With the necessity of acute curtailment of expenses facing them, the students last year made several changes which are expected to materially lower costs without decreasing efficiency.

Amigo club, a local, joined force with Lambda Chi Alpha, a national and the former was incorporated into the latter. Another merger saw the two other locals, Omega Beta and Beta Epsilon, combine. The last two are to be initiated into the national organization of Phi Sigma Kappa sometime during the coming school year. The two combinations more than halved the expenses of the group when they were single.

Another change which it is hoped will be effective was the abolishment of all class officers except that of president. A committee appointed (Continued on Page Four)

Montana Exponent

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TO THE POTENTIAL STUDENT

About this time of the year you, as well as every other one of last spring's high school graduates, are being besieged with pamphlets and catalogues advertising colleges in all parts of the country.

The student publishers of this special edition of the Montana Exponent aren't joining in any scramble for your unconsidered patronage. In fact we would suggest that if you don't want to work or if you feel that college will be one grand vacation then you had better not come at all. If you do, under those conditions, your career here or at any other school will probably be short and unsatisfactory.

But if you are sincerely looking forward to college as a place where both hard work and hard play will strengthen your capacity for doing things and will broaden your judgment of values then we are greatly interested in you as potential fellow students.

Montana State College offers particular advantages to the Montana student because more than any other school in the Northern Rocky Mountain region, it is in harmony with the great era of agricultural and industrial expansion which must come in this state.

The rolling range country and the fertile river valleys of Montana will need well-trained scientific ranchers and farmers to find their place in the increasingly complicated business of producing crops and livestock. The almost untouched mineral resources and opportunities for industrial growth will demand skilled engineers and technicians for their development. And most important of all, the period of economic prosperity just ahead will necessitate a citizenry, which knows the art of living, which can make profitable use of its leisure time through an appreciation of the aesthetic in art, music, nature, and human values.

Montana State College is already well equipped to fulfill the first two needs. It is attempting with all its might to reach that so far unattained height where it can satisfy the last. No institution of higher education can do more than this.

Those of us who have been part way through the mill and, we feel, have profited by it, sincerely hope that we will see the best of you in Bozeman this fall.

EDUCATIONAL

Last winter as a wave of budget cutting and economy in governmental operation swept from one end of the country to the other the appropriations for practically all state supported institutions of higher education were reduced. At the same time private endowed universities were finding that their sources of income from investments of various kinds had all but disappeared.

In this general reduction in operating expenditures which will in most cases take effect this year Montana State College fared far better than most of the institutions of neighboring states.

Already through salary reductions and the elimination of some of the least necessary subjects adjustments to the new budget have been made. The students coming back this fall after one or more years here will notice but little change. Their opportunities for learning will be as great as before. They will still have the same modern equipment to work with. Their extracurricular activities will go on much as before.

Still, no college or university wherein is placed responsibility for the vocational and social training of a new generation can for long maintain its high standards upon a minimum of operating funds. The future will demand more of higher education than the past ever has. With the upswing toward national economic prosperity well underway intellectual and cultural prosperity cannot be allowed to lag far behind. It seems almost impossible that after two years when new budgets will be made out that those responsible for their making shall fail to recognize the increasing needs of education and provide for them.

To the student entering college now is offered the peculiar and splendid opportunity to prepare himself during a most favorable educational period and to step out fully prepared into what promises to be one of the most stable and prolonged periods of well being that history will record.

1933 Sees Montana State Reach Its 40th Birthday

The present day world is very exacting in its demands upon the men and women to whom it extends success. The huge field of engineering has unfolded unlimited possibilities for specialists; science has cast its critical eye at homemaking; chemical knowledge is becoming more and more necessary; entomologists are but holding their own in their battle with insects, and so on through a huge field of knowledge needs which any newspaper will unfold.

The one and only place in which training can be received in this end-less pursuit of knowledge is in the colleges and universities. The reason the world is not running smoothly is because knowledge has not solved all its problems. Problems cease to be problems, obstacles disappear when solutions are known or the means of avoidance is discovered.

No single type of college can provide all the knowledge necessary, hence the variety in the educational field. Montana State College is the outgrowth of needs. Because other means were not available for establishing and supporting essential educational institutions, the federal government took over the task. Congress passed the Morrill Act in 1862 which provided land grants for the partial endowments of colleges like Montana State College.

State Assumes Burden

A second Act provided federal support. Montana in 1893 accepted the grants of land, assumed part of the support, and formed Montana State College for "instruction and education in the English language, literature and mathematics, civil and mechanical engineering, agricultural chemistry animal and vegetable anatomy and physiology, the veterinary art, entomology and such other natural sciences as may be prescribed by the State Board of Education; political, rural, and household economy, agriculture, horticulture, history, bookkeeping, and especially the application of science and the mechanical arts to practical agriculture in the field, and irrigation and the use of water for agricultural purposes."

Montana State College had its fortieth birthday this year and today is continuing to fulfill the original obligations imposed upon it. Adjustments and improvements are continually being made to meet ever changing conditions.

Its creators gave it a three-fold task—resident instruction, research, and extension. It is performing these same three tasks today with many amplifications.

Three Fold Organization

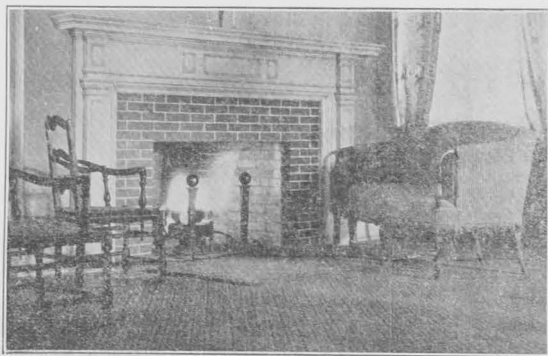
Resident instruction means collegiate training in the various courses offered. Its research is done by that division known as the Montana Experiment Station. Extension is possible through the division known as the Montana Extension Service. All three taken together are Montana State College.

What is provided in the resident instruction is explained elsewhere in this issue.

The Montana Experiment Station is an organization which investigates and proves. Through its affiliation with the U. S. Department of Agriculture, the Montana Experiment Station has the results of research work in other states always at hand and has only to concern itself with investigations which are peculiar to Montana. Everything it does is proved carefully. Grains, many varieties of each, are planted each year. Recorded are the facts about harvest, the yield and other necessary information. Thus crops are improved. Other research is with livestock, feeds and every field of agriculture in which finances will permit investigation. It does, in other words, that which the farmer and stockman cannot afford to do and does it better, for its men have that one task and no other to do.

Extension Service

When the Experiment Station establishes its facts, they are turned over to the Montana Extension Service. The name "Extension" describes the work of this division of the institution. Through its county agricultural agents, it distributes directly to the farmers and stockmen the facts found by the experiment station here, and in other states. It is a vast and efficient system of carrying information to farmers, stockmen and farm people generally, dealing with crop and livestock production, marketing, rural home and community improvement, marketing and the training of rural youth. At present the extension service is engaged in the great task of carrying information about, and aiding in the necessary organization work of the nation wide agricultural adjustment program.



FIREPLACE ROOM, HERRICK HALL

M.S.C. MAINTAINS HIGH RANKING

Montana State On Accredited List of Leading Associations

The value of any college or university is measured in terms of accomplishments of men and women whom it graduates and in how its training is recognized by the major universities and colleges of the nation and world.

The accomplishments of graduates is a matter of public knowledge; even more to those associated with these graduates. Colleges and universities on the other hand, express recognition by a definite system of accrediting which automatically places such accredited institutions on a certain plane of excellence.

There are different systems of accrediting for the various kinds of educational institutions. Montana State College, a technical institution, has the highest accredited rating possible for a technical school. It is upon the accredited list of the Association of American Universities, of the North Central Association of Colleges and Secondary Schools and of the American Association of University Women.

The rank a college holds in the eyes of educational circles, is one of the things every high school student wants to know before registration. He has the assurance that any work he takes at Montana State College will be accepted anywhere at any time. This is important because industries generally investigate first the quality of the ground training of any prospective employee fresh from a college. Should a student desire to continue his education in order to get a higher degree from specialized institutions, the accredited standing of the college from which he first is graduated becomes of greatest importance. Full acceptance of credit absolves the prospective candidate for a higher degree from taking again the training already secured.

Matt Pakkala of Red Lodge, a graduate of Montana State College, was one of its Rhodes scholars at Oxford. When Pakkala was accepted by this world famous educational institution, Oxford not only accepted his credits at face value, but allowed him to enter with a higher rating, than is customary for new students.

A REINDEER COWBOY

Among the variety of occupations represented by former Montana State College students is that of Paul Stafford, who is manager of the Teller Unit of the Alaskan reindeer herds.

Last summer Stafford staged the first reindeer growers' convention that Alaska ever has had. The convention brought 250 human visitors, accompanied by more than 1,150 dogs to Teller.



MAIN HALL

James Moore, of Bozeman, one of the strongest orators the college had in 1924, the year of his graduation, won the one-year \$2,000 fellowship in the law school of Yale University at New Haven, Conn.

Moore will continue his work at Chicago University where he will graduate next September. This spring he was at the head of his class scholastically and has an assistantship on the staff in charge of publishing the Law Journal of the University of Chicago Law School.

Among the far-away athletic teams which Montana State College Bobcats have met is Meiji University of Tokyo, Japan.

This team of brilliant basketball artists visited Montana State College early in the basketball season and played two games, the Cats emerging victorious in both.

The Pennsylvania state highway patrol recently confiscated 25 cars owned by students of Lehigh University and classed them as "relics unfit to operate on the public streets."

of Missouri have agreed to refuse to let their escorts spend more than a nickel on them.

THE FACULTY CHIEFS

What of the men and women who make up the faculty of Montana State College and the thousands who have gone out from this institution as graduates and former students?

The list is far to great to attempt any detailed discussion in this limited space but here a mention of just a few of the men and women with whom students here come in direct contact. Dr. Alfred Atkinson, president of Montana State College, is one of the West's greatest educators. He is esteemed alike in and out of college circles. His opinions are sought by great leaders. He was Montana Food Administrator during the War. He has been president of the College since 1919, has been connected with the institution since 1903.

Dr. J. M. Hamilton, professor of economics, dean of men and former president. An educator of the highest attainments who has done more to develop sound educational systems in Montana than any other person. He is Montana's "Beloved Dean," who has inspired and stirred students in Montana's higher educational system since its beginning.

F. B. Linfield, dean of the college of agriculture and director of the Montana Experiment Station.

One of the west's great agricultural leaders who has played a leading part in developing the agriculture of Montana and in building Montana's great College of Agriculture. In addition to being an outstanding leader in his own right he has attracted to Montana State College men and women who have become national figures.

W. M. Cobleigh, dean of the college of engineering. A most inspiring teacher, a thorough administrator who has kept Montana's great engineering college to the front among similar institutions in the nation. Ever alert to the phenomenal changes taking place in modern engineering and industry, he trains men to meet the tasks of today.

In the great national effort to pull the United States out of the rut of depression and send it forward on what is expected to be the greatest era of progress this nation has ever known, no name stands out more prominently than that of M. L. Wilson, head of the department of agricultural economics at Montana State College.

He is at present at the head of the tremendous nation wide movement to adjust wheat production to effective demand, thus to restore nearly a million and a half of the nation's farmers to a satisfactory economic level. While a native of Iowa, the great M. L. has been connected with Montana State College since 1911, first as county agent, then as county agent leader and finally as head of the work in agricultural economics. Associated with him in Washington and one of the key men in the agricultural program is C. C. Conner also on temporary leave of absence from Montana State College. His title here is marketing specialist for the Montana Extension Service.

Dr. Gladys Branegan, dean of the college of household and industrial arts. A thoroughly competent teacher and administrator who has gained a high place in educational circles. Training in art, home economics and business science under her direction has reached a high peak which gives Montana Girls an opportunity for the best possible training in these branches.

Dr. D. B. Swingle, dean of the college of science. A botanist and bacteriologist of wide renown, who in his many years at Montana State College has developed the science courses offered at the institution to a high state of perfection. Each year an increasing number of graduate students are enrolling in this branch of the College.

Schubert Dyche, director of athletics. One of the new school of athletic directors who believes that the physical development of students should complement their mental development. He has built up one of the greatest systems of intramural athletics to be found in the United States and at the same time he has had exceptional success in developing teams for intercollegiate contests.

The agricultural adjustment work in Montana is headed by J. C. Taylor, graduate of Montana State College and director of the Montana Extension Service. In his direction is the work of carrying on the necessary work of information and instruction which will eventually lead to the establishment of county wide farmer organizations whose purpose will be to put the new farm program in operation in this state.

Engaged in the agricultural adjustment program work in Montana under Mr. Taylor's direction are the various specialists and agents engaged in extension work. Specialists and leaders assigned to this work include Fred

Bennion, county agent leader, former State College athletics director; John Dexter, State College editor; Paul Carpenter, extension economist; C. C. Conner, marketing specialist; P. L. Slagsvold, economist; R. B. Tootell; land economist; Sam Sloan, extension agronomist; E. A. Starch, acting head of the department of agricultural economics; R. R. Renne, economist.

Waste Eliminated At Montana State

Four Colleges Are Highly Efficient In the Prevention of Duplication

Montana State College, as one of six units of the University of Montana, is a part of a modern educational system in which waste is eliminated and efficiency increased. The University system has units in different sections of the state and through its central administration efficiency, is increased and duplication of efforts are eliminated.

The teaching division of Montana State College, has for its task, the training of young men and women in its four colleges; the college of engineering, the college of agriculture, the college of household and industrial arts, and the college of science.

Modern education is not limited to technical training. At Montana State College certain basic courses, like English, chemistry and foreign languages are included in the many branches in which degrees are offered. Students obtain a liberal education as well as specialized training in the technical fields which they may select. Many of the basic and general courses are the same in different colleges and new students may defer selecting the work in which they wish to specialize until their junior year.

In the college of agriculture, Montana State College offers the following courses: agricultural education, agronomy, animal husbandry, horticulture, agricultural engineering, economics and veterinary science.

The college of engineering offers the following: architecture, chemical engineering, civil engineering, electrical engineering, engineering physics, industrial engineering, irrigation engineering and mechanical engineering.

The college of science includes: applied science, botany and bacteriology, chemistry, industrial chemistry, entomology, physical education, and zoology.

The college of household and industrial arts includes: home economics, applied art and secretarial studies.



GLADYS M. BRANEGAN

DEAN DEPLORES STUDENT APATHY FOR FOOTBALL

Students who have entered the universities since the depression have hung up an all-time record for scholarship according to Dean Craven Laycock of Dartmouth College.

"Whereas several years ago the average number of students to flunk out at the end of the freshman year was about 70," he said, "this year the first-year men had only five students who failed."

The Dartmouth dean deplored the blasé attitude college students are taking toward their football teams. "When students stop getting excited about their football team it is time for the faculty to start getting worried," he said.

Dean Laycock believes a good dean must have a sense of humor, and must be frank, fair, judicious and, most of all firm.

VANDER M. DOBEUS

Vander M. Dobeus, Mechanical Engineering, '26 is in the employ of the Allis Chalmers Company with headquarters at Portland, Oregon. Mr. Dobeus worked several years for the company and took their training course at Milwaukee, Wis. He is now field engineer for their tractor division with the territory embracing Northern California, Oregon, Washington, Idaho and Western Montana. R. T. Challenger of the Dept. of Mechanical Engineering had an interesting visit with him at Seattle, March 27 and 28.

A University of Alabama student flunked a course entitled "How to Study?" yet passed all his other subjects with a "B" average.



BEN B. LAW
Exponent Editor

The result of many hours of toil is seen in the translation from the German of Hans Kneip's "Phyco-cetes" which was recently sent to the State College by its translator, George Cummings, who was graduated from the State College in 1927. The translation will be prepared in book form soon.

In Michigan where Cummins studied when he left the State College, he acquired the reputation of being one of the best prepared students ever to attend that institution.

Frank Grady, coach at Gallatin High, last fall added the third state championship which rests at Bozeman. The Bobcats won the state football championship in collegiate circles and Grady took the Big Fourteen title. The Bobcats added another during the winter by sweeping the state in basketball.

Jack Weller of Whitefish, who was graduated from Montana State College in 1932, is conducting a study of railroad costs for the New York, New Haven and New Hampshire railroad.

Weller is remembered by State College folk as the winner of the Strathcona Memorial Fellowship to Yale, which he won in 1932.



MAC K HALL

A. M. Eberle, director of the South Dakota Extension Service and J. C. Taylor, director, Montana Extension Service, are both graduates of Montana State College.

Chester Huntley of Bozeman, as a recognition for splendid work while at the State College, last year attended the Cornish School of Fine Arts in Seattle on a scholarship.

The State College alumni loan fund, provided to aid deserving students, was started in 1918 with a capital of \$1,000. At the end of 1932 more than three times that original investment was loaned to students in the one college year. Approximately \$18,000 has been provided to students in 236 loans during the 15 years the fund has been available.

HITLER MAY BE THE SAVIOR OF GERMANY SAYS OBERLIN PROF.

Stories of atrocities against the Jews by the Hitler government are taken with a grain of salt—in fact, several grains—by Dr. Karl F. Geiser, head of Oberlin College's department of political science.

Dr. Geiser, who during the World War had to bear frequent charges of being "pro-German," thinks Hitler, if given a chance, will improve conditions in Germany. The professor says countries outside Germany are principally to blame for bringing Hitler into power.

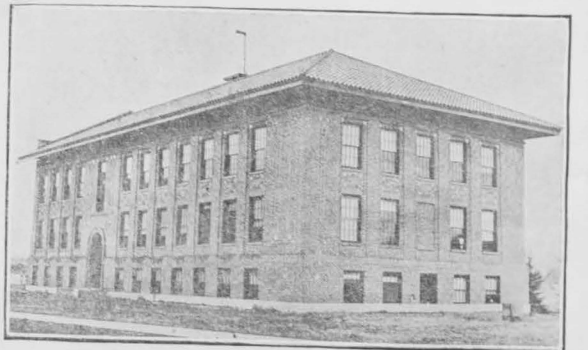
VASSAR SWILLERS STILL SANS BEER

The coming of legal beer was hailed by many a Vassar College student in the manner appropriate. Several tea rooms and inns near the campus of the women's college began to sell the amber 3.2 per cent fluid.

Then the faculty-student committee of the college got its heads together and a notice went up on the college bulletin board.

It said that beer no longer could be sold or consumed on the campus.

Students at Michigan University may take out insurance against flunking. If a student flunks, the company pays him enough money to pay his way through summer school.



CHEMISTRY BUILDING



HAMILTON HALL

SPORTS

HOLST STARS AT CHICAGO MEETS

Takes a Second and Fourth at National A. A. U. Contests in Fair City During June

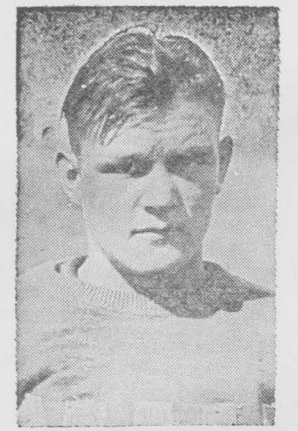
A fourth in the Senior National A. A. U. meet, a second in the Junior National A. A. U. meet, two Rocky Mountain conference titles, and four state intercollegiate championships. That is the imposing record of Clarence "Gus" Holst, Chinook, who for the past four years has thrilled Montana track enthusiasts with his sterling performances.

When he first arrived at M. S. C. Holst was an untrained boy with a lot of ambition. During his first year he turned in some good marks but startled no one. In 1931 he placed in the conference mile run and took second in the state meet in both the mile and two-mile. In his junior year Gus began to show his true ability. He started by taking firsts in both distance races at the State Intercollegiate meet, and then climaxed the season by far outdistancing all competitors in the R. M. C. two-mile run.

In 1933, his last season as a Bobcat, Holst reached the peak of his form. May 13 he took firsts, winning the 880 and the mile at the state meet, running the former in 1 minute 58 seconds, a new record. Two weeks later he journeyed to Colorado and captured the conference two-mile run for the second consecutive year, and

failed to crack the mark by only a fifth of a second, his failure being due to lack of competition. In June Gus entrained for Chicago and on the 29th of that month took second to Stanley Wudlyki, famous Philadelphian, in the 5,000 meter run. The following day he placed fourth in the 1500 meter race in the National Senior A. A. U. meet, finishing a close fourth behind such stars as Cunningham of Kansas, Mangan of Cornell and Venzke of Pennsylvania.

Holst holds the record for the annual cross country race which he won three years straight, in addition to his other exploits.



GEORGE PARKE, 1933 Grid Leader

THREE CATS MAKE ALL-AMERICAN

Ward, Thompson, and Ario Take Honors and Championships

When sport critics review Montana basketball athletes, such names as Frank Ward and Cat Thompson, and Brick Breeden are handed back and forth almost with reverence. Frank Ward and Cat Thompson won the coveted honor of being selected as members of the all-American basketball team. To Brick Breeden is assigned the title "greatest guard of all time." Breeden captained the team that beat the national amateur champions two games out of three, and literally drove the Bobcats into national fame.

Sport lovers who watched the great Wonder Team in action, vividly remember the season in which this quintet averaged more than 60 points in 48 games. To the boy just ready for college basketball comes the hope that he too can emulate the feats of these basketball kings.

Return After Seven Years

Valery Glynn, who finished college when the Wonder Team was just getting started, completes the personnel of a quintet which furnished one of the finest examples of physical perfection and muscular-mental coordination in the history of college athletics. Every one of these men met every scholastic requirement. Then after seven years away from active participation in a sport which quickly saps strength, this same team in two successive seasons trimmed the strongest quintets in the Inter-mountain region. More important is the fact that they performed this spectacular feat with less than two hours of preparation before the referees whistle unleashed them for action in the first game.

This great team and their predecessors and successors at Montana State College, have held the state basketball championship for the last 10 years. In three years of the 10, Rocky Mountain conference championship was also captured. Keith Ario, Bobcat from Great Falls, won for himself a place on the 1930-31 all-American team. Max Worthington, now coach at Shelby, an all-conference guard, and the great Ray Buzzetti, another all-conference selection, have been the more recent heroes. Buzzetti, outstanding in football, basketball and baseball, is continuing his athletics with the Denver Athletic Club during spare moments from his work with Armour and Company of that city.

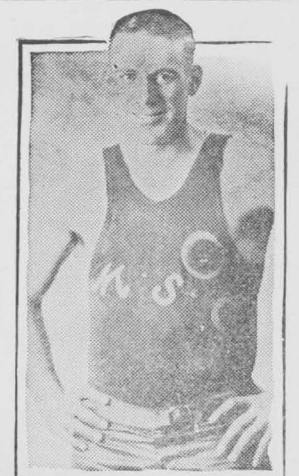
Frank Ward is now basketball coach at Billings. Orland Ward is considering going back to Utah, to coach at Parowan, after three years of coaching in Bozeman, and Cat Thompson is coach at Livingston.

BREEDEN RETURNS TO ASSIST DYCHE

(Continued from Page One)

for M. S. C., is to coach at Montana State next year. Brick will be assistant coach of both football and basketball, and will be head coach of track and field.

Breeden is remembered by all Montana basketball devotees as the greatest guard ever to step on a western court, and as Captain of the team which defeated the Cook Painters, national amateur champions, two out of three games and won lasting fame.



BRICK BREEDEN, New M. S. C. Coach

for the team. He also starred on the football gridiron during his college days. The basketball team of which Breeden was a member garnered three consecutive conference titles, and four state championships. In 1930 Coach Schubert Dyche took the team east and during the trip the Cats met and defeated some of the greatest quintets in the nation.

Since his graduation Breeden has been coaching the State Normal College at Dillon, and for the past three years has also handled the athletic affairs of Dillon High School.

The place which Breeden will occupy was vacated this spring by the resignation of Bob Adams, who had been at M. S. C. for the past five years. Mr. Adams is now in the automobile business in Bozeman.

Fraternities at University of Missouri furnish real beer and a Dutch lunch for dinner.

Statistics show that fifty per cent of the married people in the United States are women.



SCHUBERT DYCHE, Director of Athletics at Montana State College

DYCHE PREPARES FOR HARD SEASON

Seven Regulars Returning To Bolster Hopes of Bobcat Grid-iron Fans

Schubert Dyche, head football coach at Montana State College, is looking ahead to the 1933 season with an impartial consideration of all assets and liabilities.

On the asset side he lists first of all the Utah Camp he will maintain again early this fall because of the remarkable quick conditioning of his men last fall at this training field away from distractions and under a friendly sun which daily pours strength into softened muscles. Another is the Bobcat football field which is without doubt the best in the conference, and third is the fact that 7 of the 1932 first string will again be in uniform.

On the liability side, Dyche lists the physical factors, chiefly the long distances which must be traveled in its scheduled games; another the loss of four stars who will not return because of graduation, and the usual uncertainty of new material.

The same liabilities have been listed every year. Assets have gradually increased. Even with the liabilities, the Bobcats won their right to recognition in the Rocky Mountain conference and have their place. In the race, Dyche recalls tying the Grizzlies in 1928, winning in 1929, losing in 1930 and 1931 and then copping another championship in 1932.

Finances have heretofore reduced the number of conference games possible, yet many Bobcats have been picked for the all-conference teams. Among these Dyche mentions Fred Chez, now coach at Sheridan, Wyoming; Max Worthington, Austin DeFrate, who last year tried the Canadian brand of football and made the newspaper head lines; and Joe Hazen who was graduated last spring and goes to Libby where he takes over the coaching work of a brother Bobcat, George Vogt, who will start at Lewistown next fall.



PERSONALS

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I need a wife to sew buttons and darn socks. Must not wear cotton stockings. Apply box 27, Bozeman Courier.

Old razor blades and slightly used toothpicks for sale. Reasonable rates. Apply Box 14, care of Bozeman Courier.

Lit. Ed.—Why not write for a change? We are all anxious to hear from you. Will see you soon.

Red Flannels—Will see you Sunday at the same time and at the same place. Love and kisses.—Dolly.

NOTICE VIGILANSKIS!!! The national convention is to be held at Podunk, Kansas, September 14, 1941.

Have you an extra pencil? If so, apply for a job on the Exponent this year. 47165

HOW DO YOU KNOW YOU CAN'T WRITE? SEE ME AND MAKE SURE. W. F. B.

1933 FOOTBALL SCHEDULE		
Date—Opponent	Place	
Sept. 23—Utah U.	Salt Lake	
Sept. 30—B. Y. U.	Provo	
Oct. 7—Utah State	Bozeman	
Oct. 14—Wyoming U.	Laramie	
Oct. 21—Montana U.	Butte	
Oct. 28—Mont. Mines	Bozeman	
Nov. 11, Armistice Day	Idaho, So. Branch	Pocatello

Athletes Stick To Sports and State

Few Stars Desert Either Athletics Or Montana

In checking over the list of Bobcat athletes who participated in the State College sports program, Coach Dyche finds that nearly all of them have preferred to stay in athletics and to remain within the borders of the state.

Valery Glynn, who stepped into professional baseball after graduation, forsook athletics and became assistant principal at Harlowton. Harold Greiner is coach at Broadus, Ivar Twilide recently accepted a similar position at Glendive, Dale Bohart is at Wolf Point, Kenneth Moore at Terry, Frank Lamb at Big Timber, and Adolph Hartwig is on his fifth year at Red Lodge. Hugh Cottam is still coaching at Havre, Rip Wilson is now at Kalispell, Bill Greer at Lambert, and Frank Grady at Gallatin County High. George Finley is among those who dropped out of athletics, but remained in the educational field as principal of schools at Power. El Buzzetti is still at Circle, Tenny Babcock at Culbertson, Herb Winner is at Cascade and Jason Preston has just completed his fourth year at Townsend. Paul Winner is Smith-Hughes instructor at Valier and Leonard Kleifman is located at Choteau. Earl Keyes is at Columbus.



Two wins, two losses and a tie. Such is the record that Coach Schubert Dyche has compiled in five years of gridiron campaigning against the fierce Grizzly clan from Missoula. Previous to Dyche's reign the Cats had taken a long string of beatings which dated back to 1903 when the Bears were humiliated 13-6.

George Parke, Glasgow, will complete his football career this fall. The diminutive quarterback has an enviable record as a Bobcat star. In 1931, his first year on the varsity, he weighed only 138 pounds, and yet played well enough to win a berth on the all-state team at the end of the season. Last year he also received all-conference recognition.

Replacing Hazen and K. Dyer, guards, and McLean, center, is Dyche's biggest task this fall. Their departure has left a terrific hole in the line, and just how Dyche will meet the emergency is as yet a question.

One thing to cheer about is the surplus of fine backfield men. Parke, Eastman, Hanson, Edwards, Dyche, Garner, Russell, Olivera and Dyer are as fine a group of ball-toters as a coach could wish for.

Next year's basketball team will have several veterans as a nucleus with which to work. Jimmy Young, Ben Crain, Bobby Martin, Joe Steiner, Gene Garner, Chuck Nagle and Wayne Whitcack, were all members of last year's squad, and are experienced players, although only Young and Crain were regulars.

Henry Fox, Billings tank star, will be back next year as a senior and is confident of breaking more and more swimming records. Hank already holds more than his share, but he says that if he can't break any others he'll just shatter the ones he has now, among which are the conference marks for the 40 and 100 yard dashes, and the state marks for the same distances.

If Stanley Polich of Roundup can take the Rocky Mountain Conference wrestling title in the 155 lb. division again next winter he will have established the amazing record of three consecutive championships. Nobody is betting any money against his doing so either, because "Pop" is one tough hombre.

The 1934 track team should develop into one of the best in the schools history if the form players are right. Last year's squad was composed of inexperienced men to a great extent and these tyros are now veterans. So What?

Speak about track around here and someone invariably brings up the name of Gus Holst. So here is the daily message; the long lanky distance runner has secured a job in San Francisco and will spend all his spare time at the San Francisco Olympic Club. There he will be able to develop his talents in preparation for the 1936 Olympics at Berlin.

'Nough said! See yo' all next month.

"James Gannaway, president of the Associated Students, represented Montana State College at the annual congress of the National Students' Federation of America at New Orleans in January," a news item copied from the Montana Exponent, student weekly paper.

The student who is elected to this position annually attends this congress.

Ag Judging Teams Journey to Coast

Three Teams of Agricultural Students Compete at Portland

One of the awards in the form of a trip which is ordinarily overlooked by the average student is the opportunity to make one of the judging teams and win a trip to Portland for the Pacific International Livestock and Grain Judging Exposition. Three complete teams are sent, one composed of agronomers, one of dairy products experts, and one of livestock experts. Of course these awards are open to agricultural students alone but as a considerable part of the registration is centered in the School of Agriculture they assume a relatively large importance and serve as a worthwhile goal to 'future farmers.'

Montana State teams have had great success in the past at the Portland meet, taking many firsts. Last fall no first places were won, but all three teams placed, each taking third. Joe Cummings, M. S. C. representative, took individual first place in the milk judging contest, and several other Montana men placed among the three winners in their specialties.

8000 HEAR BAND ON SPRING TOUR

(Continued from Page One)

achievement in collegiate music circles. The trip extended from March 24-29, and saw the 31 bandmen directed by L. L. Howard, give concerts in Helena, Great Falls, Cascade, Shelby, Choteau, Whitefish, Kalispell and Conrad. The group combined with the local high-school band in some towns to give joint concerts, under the direction of local conductors.

It is planned to visit in 1934 among other places, Billings, Miles City, Glendive, Wolf Point, Glasgow, Havre, Helena and Great Falls. This trip an annual affair, has become one of the most important events in the M. S. C. extra-curricular schedule, and is the goal of every ambitious Bobcat bandman.

The regular Bobcat band numbers 75 pieces and is led by Lou Howard. Mr. Howard also conducts the orchestra, which includes 25 pieces. Mrs. Johansson directs the Chorus and Glee Club, which includes about 80 voices. Mrs. Houston is in charge of all piano instruction and has a surprisingly large number of pupils.

The music department is on call at all times, ready to provide entertainment to all branches of the college. Last spring during the Little International Livestock Show, the music department provided an elaborate pageant for some 800 visiting stockmen. It is planned to make this affair an annual thing, with the program to be constantly improved and changed.

This is just one cog in the wheel of

Tracksters Star Despite Weather

Only One Day of Practice Permitted By Weatherman Before Initial Meet

Track history was made at Montana State College this year. The weatherman contributed, by permitting but one day of practice on the outdoor track before the first meet and Clarence Holst of Chinook did the rest.

The annual track season, coming as it does, relatively early in the season, has shortened the outdoor training period considerably, but improvements on the track itself every year, has shortened its recuperation time. Distance and field men have managed to get into condition in spite of this handicap, but the sprinters have suffered.

Earl Semmingsen of Great Falls still holds the state shotput record. Matt Heikkila, of Red Lodge, held the javelin record for several years, but of latest fame is Clarence Holst, who is head and shoulders above any distance man Montana ever has had.

extra-curricular student activities. It merely serves as a striking example of what is being done at Montana State College to develop the student aesthetically as well as scholastically.

A University of Missouri editor in a recent speech stated his preference for a cow over a saxophone. His reason is that the cow, while making the same noise, also gives milk.

College Students

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AND TO YOU FORMER STUDENTS—WE'LL BE GLAD TO SEE YOU BACK

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Montana State College Develops In Harmony With Mountain Country

Symbolic of the rapid advancement of the West from an undeveloped frontier country to one of the richest productive regions of the world is the growth of Montana State College.

From the winter of 1893, 40 years ago, when the first class of nine local students commenced work in a tumble-down building used for a roller skating rink until now when over a thousand men and women from all parts of the country work with modern equipment the school has kept pace with the cultural and technical advancement of the times.

Montana State College was actually made possible when President Abraham Lincoln signed the Morrill Act July 2, 1862, providing a land grant for educational purposes. It was not until the first governor of Montana, John E. Rickards, agreed to the locating the Agricultural College of the State of Montana at Bozeman and appointed the first State Board of Education that instruction was actually begun just in time to take advantage of a federal appropriation of \$18,000 which was used to buy library books and laboratory equipment. As yet the new college had no buildings or campus of its own. A 40-acre tract on a low lying hill to the south of the city and commanding a splendid view of all Gallatin valley and the rugged mountains encircling it, was decided upon and donated for a campus by a group of the leading citizens of Bozeman. Shortly after this the construction of buildings was begun. Since those early days land for the Experiment Station has been acquired in two places and new buildings to house the growing institution have been added regularly.

Dr. Hamilton Leads

Prominent in the establishment of not only Montana State College but of all the units of the Greater University of Montana was Dr. James M. Hamilton, for years president of the college at Bozeman and its present dean of men.

In the years of progress since the turn of the century Montana State

and women who have taken their places in the arts and sciences on every continent of the world. Recognized leaders in business, agriculture and all the professions are listed

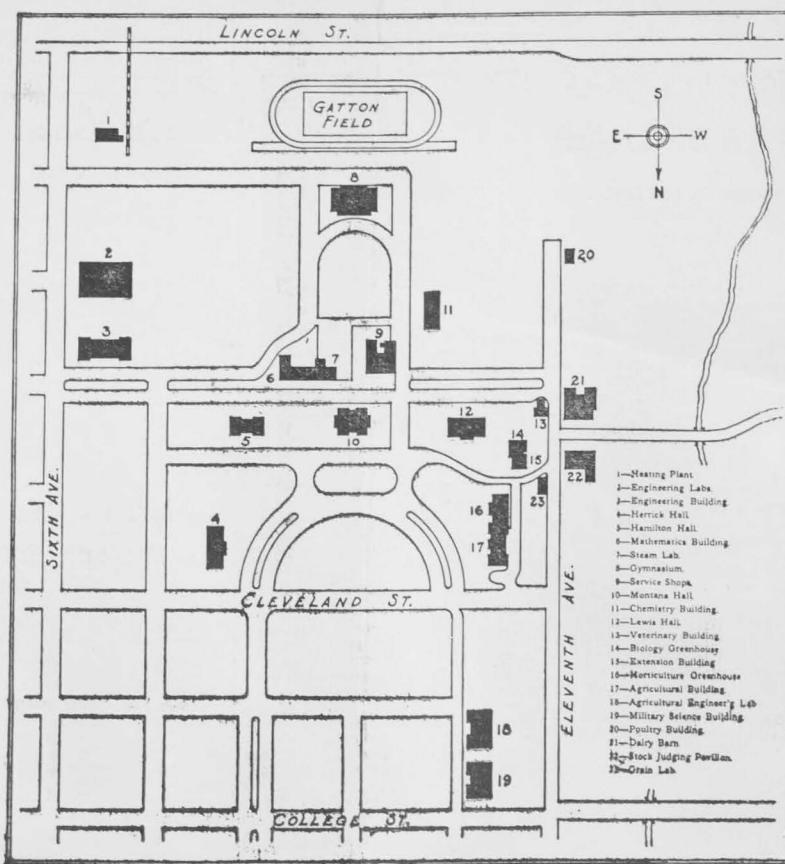


J. M. HAMILTON

College has graduated some 5000 men among their number. At the State College Experiment Station much has been contributed to the advancement of those fundamental occupations of ranching and farming through the research of the experts working here. Montana State College athletic teams have won national recognition for themselves in the field of sport. Men whose intellect and integrity makes of them an asset to any community have been attracted to Bozeman where the college has acted as a medium for extending their influence to all parts of the state.

The enthusiasm of the men who have made Montana State College and of those who hope to carry on its work can be expressed in the words of Dean Hamilton who said last spring, "It

Diagram of Campus Grounds



SOCIETY PLAYS IMPORTANT PART

Teas, Parties, and Firesides Contribute To Social Life of Montana Students

Social life at Montana State College centers largely around teas, firesides, and parties given by the sororities and fraternities and by the independent groups. During the fall quarter these groups entertain at numerous teas and firesides. Winter quarter is devoted chiefly to formal dinner dances. Outdoor parties and picnics are predominant in the spring.

Besides the entertaining done by the social groups on the campus, there are a number of enjoyable dances sponsored by campus organizations. The military ball, sponsored by Scabbard and Blade, honorary military organization, is one of the outstanding social events of the year, for at this time the battalion and company sponsors and the Scabbard and Blade pledges are announced and presented. Les Bouffons formal dance in the spring is one of the oldest social traditions at Montana State College. At this dance the pledges of Les Bouffons, honorary social fraternity for senior men, are presented. The annual Junior Prom, which is held in May in honor of the graduating class, is of course, the climax of social activities. A regular feature of this occasion is the coronation of the queen, elected by the seniors from their class.

Among the informal dances the ladies' choice dance sponsored by Mortar Board, honorary organization for women, is one of the most popular. For this one occasion the girls assume all the duties of escorts. One of the annual dances which has become a tradition of Montana State College is the Thanksgiving dance in honor of the seniors. This dance is sponsored by every fourth incoming class from the time that they are freshmen until they become seniors when another class assumes the responsibility.

Other dances which are annual affairs at Montana State College, are the "M" club dance; Artists' hop sponsored by Delta Phi honorary fraternity; Fang Pledge dance; and Fang-Spur dance. All of these are well attended and contribute much to the enjoyment of college life.

HONORARY GROUPS REWARD SERVICE

Twenty-two Fraternities and Fourteen Clubs Select Members for Meritorious Activity

Serving as a stimulus to greater progress and achievement are the 22 honorary organizations on the Montana State campus. Memberships in the groups are based on scholarship, leadership, character, personality and achievement.

Outstanding are Mortar Board and Septemviri, senior honoraries for women and men respectively. Membership is limited to seven in each organization; these seven to be selected from the junior class during the spring quarter of each year.

Les Bouffons is a group of ten upperclassmen chosen on the basis of their service towards the furtherance of social activities.

Phi Upsilon Omicron is a national honorary for home economics students. The Intercollegiate Knights is a national service organization for sophomore men, and spurs a similar organization for women.

Phi Kappa Phi is a national honorary for upperclassmen devoted to the promotion of scholarship. Phi Eta Sigma is a similar organization for freshmen men, and Alpha Lambda Delta is a scholarship honorary for freshmen women.

Eurodelphian is a national literary society for women. Spartanian is a local honorary athletic fraternity for junior and senior women.

Phi Sigma is a national professional biological research fraternity.

Tau Beta Pi is a national honorary engineering fraternity. Alpha Zeta is a national honorary agricultural fraternity.

Scabbard and Blade is a national honorary for outstanding men taking the advanced military course.

Alpha Chi Sigma is a national professional chemistry fraternity, and Pi Delta Nu is a similar organization for women.

Kappa Kappa Psi is a national honorary fraternity for bandmen. Delta Phi is local art fraternity.

Chi Beta Alpha is a local honorary religious fraternity.

Lambda Phi Kappa is a local honorary secretarial fraternity.

In addition to these honorary fraternities there are no less than 14 clubs of profession or otherwise character.

LORENTZ TRISECTS ANGLE

Perfects Device for Solving Ancient Problem

Floyd Lorentz, who was graduated from Montana State College in 1907, has developed an instrument known as the "Ternoid Ruler" which will perform that complicated mathematical operation known as trisection angles. Lorentz, who now has charge of the substation of the Southern California Edison Company at Colton, graduated from Montana State College with the highest honors in his class, and was a super-mathematic student. Along with the "Ternoid Ruler" he has prepared a pamphlet which shows the development of the formula. The equation of the curve for his ruler was developed mathematically.

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HERE'S HOPING TO SEE YOU
THIS FALL AND GET A SHOT
AT YOU.

LINFIELD

PHOTOGRAPHER

was a glorious beginning and behind us is forty years of successful accomplishments. May the years behind us be only the beginning of a more glorious future that will last through the centuries."

WORD DUALISTS PLAN BIG YEAR

(Continued from Page One)

A dual meet between the State College and the State University with both varsity and freshman men's and women's debate teams competing, has been arranged for February 8 and 9, in Missoula. Oratory and extemporaneous speaking will also form part of this contest, the first of its kind between the two schools.

By far the most important forensic event of the year, and the one to which all others will have been pointed is the national convention of Pi Kappa Delta to be held in Lexington, Kentucky, the first week in April. Pi Kappa Delta with over 150 chapters in all parts of the country is the strongest honorary speech fraternity. Its biennial conventions to which each member school attempts to send a full delegation for the events in oratory, extemporaneous speaking and men's and women's debating attract the attention of the political and economic leaders of the country for they stimulate the most advanced collegiate thinking of today.

Montana State College plans to send four representatives to this convention. The question for debate there has not yet been decided upon but will probably be on some phase of governmental control of banking.

FRATS COMBINE AS ECONOMY MEASURE

(Continued from Page One)

The student senate reported that these positions were nothing more than honorary political positions and should be abolished. Consequently they were disposed of by consent of the student body.

Cost of Living Is Greatly Reduced

Family of Five May Live For Twenty Dollars Monthly Say Home Ecceers

"Twenty dollars a month will supply food to maintain a minimum standard of living for a family of five," according to the home economics department at Montana State College, and students who attended college last year proved it.

Two of these women living in a three-room apartment spent \$10.67 each for rent, food and furnishing in January and \$8.50 each in February.

Another group of two girls lived for \$11.53 each during February and one girl held total costs during January down to \$17.12.

Men students, who elected to batch lived for a total of \$16.60 each during January for rent, cooking, groceries, light, water and radio. Two other men, who built their home on a truck, had it equipped for gas and electricity, lived for less than five dollars each per month, but brought all food they could bring from their farm before the opening of the college year.

Ted Cogswell, former Bobcat track and football star, finds time from his duties with the Great Falls Tribune to be the directing genius behind the football training the Electric City is giving to its junior athletes.

Last fall Cogswell, with the help of both Bobcat and Grizzly athletes, had 12 to 14 junior football teams working out evenings and playing games Saturday afternoons.



LOU HOWARD,
Leader of the Famous Bobcat Band

Independents Band As Standout Group

Non Fraternity Or Sorority Students Have Well Developed Organization

Designed for students who are either unable to or do not wish to join a social fraternity or sorority, the Independent Club at Montana State College is rapidly becoming an important cog in student affairs.

Everyone in school, if unaffiliated with a social organization, is eligible for membership in the club, and this brings the total membership to around 400 or more. The club was not organized until 1930 so its rate of development is almost phenomenal. This year a new amendment was added to the Associated Students' constitution, extending a seat on the Student Senate to the President of the Independents.

The purpose of the organization is to promote social activity at a minimum of expenditure for those who are financially incapable of maintaining a membership in a fraternity or sorority, or who are not inclined to belong.

Plans which are now in the formative period call for closer knit organization with a membership fee. This small fee will entitle the member to attend all dances, parties, etc., without further cost. It is planned to hold two parties per quarter out of this fund, and in addition the club will promote greater activity in extracurricular affairs, i.e., intramural athletics and like things.

Among outstanding Independents are William Schenk, literary magazine editor; Allan Schwartz, prominent actor and debater; Richard Peck, president of the Ag Club; Dorothy Lyman, president of the Associated Women Students; Margaret Aldrich, recipient of the Dean's Cup for all-around achievement, and many others of campus importance.

GRADUATES PERFECT INVENTIONS

Two State College engineering students have worked out practical methods which may prove of more than ordinary value in industry.

Gordon Conrad of Great Falls, entered the private home for his method. He is perfecting, and is well on the road to success, an accurate test whereby gas-fired warm air furnaces, whether the conventional or conversion type, may be carefully measured in terms of efficiency.

Robert B. Edwards, also of Great Falls, has perfected a new method of carrier suppression whereby a radio transmitter is "off the air" except when someone is speaking into the microphone.

Both are graduate students.

GILBERT 'BUD' LOWE TO LEAD A. S. M. S. C.

Chosen By Students To Guide 1933-34 Destines

At the annual Associated Students' elections this spring, Gilbert "Bud" Lowe, guiding light of the newly consolidated Omega Beta-Beta Epsilon group, was victor over Henry Fox in the terrifically warm political conquest.

Bud hails from Choteau and is deserving of this honor which the students of the college have reposed in him by virtue of many qualifications. Last year when a junior Bud capably guided the destinies of the Fang chapter of Intercollegiate Knights, as well as taking an active part in all the social and intramural activities of the campus. Bud's biggest aim for the advancement of the student welfare during the next year is that there shall be much inexpensive entertainment, and that the student body as a whole shall be interested in and participate in all the privileges and responsibilities of the student government.

Bud's aggressive personality and ability to secure cooperation should go far towards making the coming year an interesting and profitable one.



BERT B. HANSEN
Director of Dramatics

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