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1888-1938

SEMI-CENTENNIAL YEAR

UTAH STATE

ALUMNI

QUARTERLY

December 1937

VOLUME XV

NO. 2

7.2/2.2.38b
vol. 15
no. 2

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Remember When?



The So-Called "Bunch" U. S. A. C. Instructors and Professors about 1897-98. All bachelors but one.



Early view of Campus. Note, "No Tower."



One of the first buildings, the present Forestry building.

A concise history from the early beginnings to the present of the College is being written by Dr. Joel E. Ricks, chairman of the Semi-Centennial committee. This history will contain between 150 and 200 pages, and will be written in such a manner that will bring out in detail each class and the growth of the College. Dr. Ricks has already completed several pages of the book.

It is the hope of the committee in charge that Alumni and friends of the College will subscribe immediately for the publication by sending a check to the Alumni secretary for dues and for the history. The history will be sold for \$1.00, but Alumni will be given the opportunity of obtaining a copy for fifty cents if a check is made out for \$1.50 of which one dollar will be used for dues.

Send in your letter asking for a copy.

Utah State Quarterly

Published quarterly by the Utah State Agricultural College Alumni Association. Entered as second class matter at the post office in Logan, Utah, under the act of March 3, 1897.

Vol. XV December 1937 No. 2

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 ROBERT L. JUDD - - - - *President*
 ERWIN CLEMENT - - - *Executive Secretary*

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Better Clothes for All
 Occasions

TRADITIONALLY
 AGGIE HEADQUARTERS

The HOTEL NEWHOUSE

SALT LAKE CITY



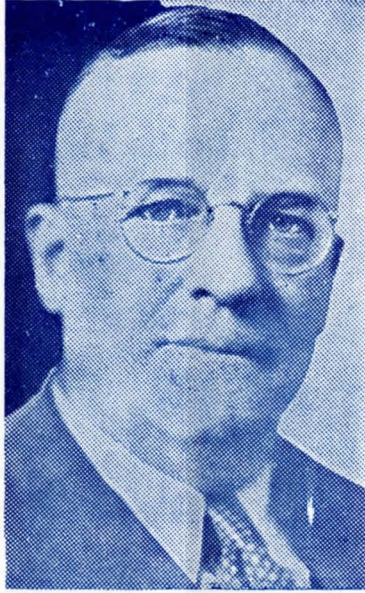
400 Rooms — 400 Baths

\$2 to \$4

Year after year the Aggies come to the NEWHOUSE - - - their Salt Lake City home. Such continued patronage is evidence enough of NEWHOUSE hospitality and superb service to discriminating men.

THE NEWHOUSE HOTEL

MRS. J. H. WATERS, President
 CHAUNCEY W. WEST, Manager



Christmas Greetings to all College Alumni, former Students and Friends

The Alumni Association, at this near approach to another Christmastide, extends to you all a most sincere wish that you may have an exceedingly happy and satisfying Christmas Season. It is our heartfelt desire that we may all emerge from our observance of this holy period with a keener sense of the place that Christ should hold in the hearts of mankind and the significance of His message of good-will to men.

As members of the family of our beloved Alma Mater, we have much to be thankful for. Another successful year has passed. The high ideals for which she has always stood and now stands have been devoutly maintained and through her alumni new honors have been heaped upon her.

As she enters the fiftieth year of her mission in this great intermountain area, we trust that all of us—her sons and daughters—will, with the spirit begotten of this Christmas time, push forward enthusiastically to better serve the noble cause of truth and right for which she stands.

ROBERT L. JUDD,
President, U.S.A.C. Alumni Association.

Semi-Centennial is Theme at Utah State

By M. R. Merrill, '25



South Wing of Main Building where cornerstone slab will be opened for first time in 50 years, March 8, 1938.

Definite plans for an appropriate recognition of the Semi-Centennial year of the Utah State Agricultural College are rapidly being perfected, according to Dr. Joel E. Ricks, chairman of the Semi-Centennial Committee. Associated with Dr. Ricks in working out the comprehensive program that will be offered are Dean N. A. Pedersen, Robert L. Judd, President of the Alumni Association, C. L. Pooch, Erwin Clement, M. R. Merrill and Elmo Garff, president of the student body.

Formal recognition of the fifty years of progress which has characterized the Institution will take place on Tuesday, March 8, Founders' Day, and during the course of the Commencement program which is scheduled for June 4, 5, 6 and 7. Many other things have been and are being done which call attention to the significance of the present year. The annual catalogue for the present year had an appropriately designed cover featuring the Semi-Centennial year. All College stationery carries a seal calling attention to this fact. Assemblies through the year will have the central theme that the College was founded fifty years ago.

The first major assembly devoted wholly to this subject was held on Wednesday, November 17. At that time exercises were held in commemoration of the seventy-fifth anniversary of the signing of the Morrill Act by Abra-

ham Lincoln. The Morrill Act made possible the Land-Grant colleges. Our own Institution was founded twenty-five years later. In the same year that the Morrill Act was signed, the Government established an embryonic department which subsequently developed into the important and powerful Department of Agriculture.

Founders' Day, Tuesday, March 8, will feature the Semi-Centennial idea. A special assembly will be held some time during the morning at which faculty and students will be in attendance. Immediately afterward, the cornerstone of the Main Building will be opened, the documents therein perused and read, and with fitting ceremonies replaced together with other documents of recent origin. During the afternoon hours an illustrated lecture on the history of the College is scheduled. Those who are working on this part of the program report that this will be one of the most interesting assemblies of the year.

The Semi-Centennial theme will be the core of the 1938 Commencement program. The idea will be developed in the Alumni Banquet on Saturday evening. The Baccalaureate Service is scheduled for Sunday, June 5. Several special meetings which will be addressed by eminent national scholars in various fields will be held on Monday, June 6. The purpose of these meetings is to give further recognition to the importance and vitality of scholarship in collegiate institutions. On Monday afternoon, the Alumni Organization will present a program of entertainment. Each local alumni organization will be featured in one or more numbers. During the evening visitors will be entertained with a college production of John Drinkwater's "Abraham Lincoln." This magnificent play will be directed by Dean N. A. Pedersen. It is particularly appropriate that "Abraham Lincoln" should be the play chosen in view of the fact that it was the martyred Lincoln who signed the Morrill Act. A grand ball will conclude the day's events.

The Commencement program and the awarding of degrees will take place on Tuesday, June 7. A speaker of national reputation will deliver the address to the graduates. It is appropriate that the greatest number of graduates in the history of the Institution will receive their degrees on that day. It is anticipated that there will be approximately five hundred students who will thus be honored.

One of the most important recognitions of the Semi-Centennial year will be the publication of a "History of the College." Dr. Joel E. Ricks is the author of the history which is now being completed and will be in the hands of the printer very shortly. Beginning with the action of the Territorial Legislature in 1888, Dr. Ricks has followed the major developments that have characterized the remarkable growth of the Institution. The book will be approximately 175 pages in length and will contain many important and interesting photographs. The price which will be charged for the book is one dollar. By special action of College authorities, however, all Alumni members who pay the Alumni dues of one dollar will be allowed to purchase this valuable history for fifty cents.

Dairy Team Wins Recognition

Three championships and one second place in the last five years is the remarkable record established by dairy judging teams from the Utah State Agricultural College in the Pacific International Livestock Exposition held annually at Portland, Oregon.

The team this year attended the show early in October and won sweepstakes in judging all products and first place in butter and cheese.

Four seniors in the dairy department comprised the team and they are: Jack Moore, Max Johnson, Paul Larson, and Mark Rhees. Moore was high man in all products and first in ice cream. Johnson was first in butter and Larsen was first in cheese. The team is coached by Professor A. J. Morris, '23, head of the dairy manufacturing department, who also accompanied them to Portland.

Prizes won by this year's team include three cups, one placque, one statuette, four triers, four subscriptions to magazines, one butter tub trier and one set of five ice cream books.

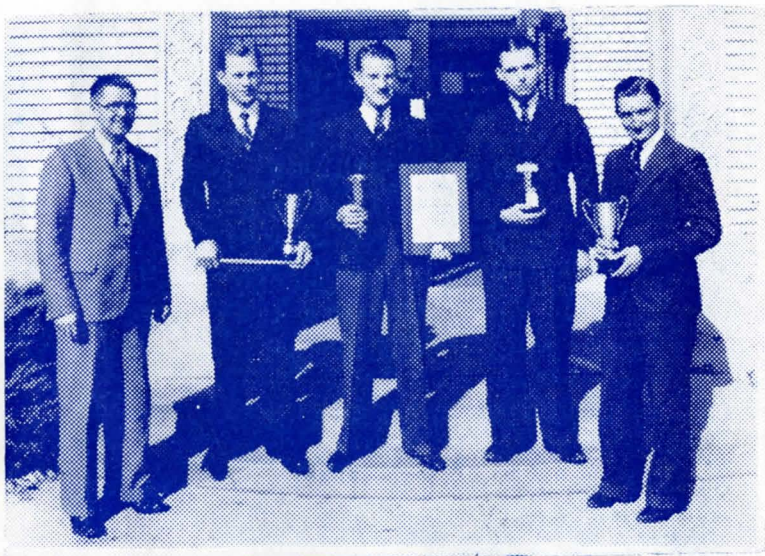
The team of 1936 placed second in all products and first in milk judging and was composed of William Hoskisson and Hetzler Ashby, seniors at the college; Lamar Engstrom, '37, now employed by the Weber Central Dairy at Ogden; and Howard Calder, '37, who is now attending Harvard University.

In 1935 the team won sweepstakes in all products and first in ice cream. The team members were Howard Thompson, employed by the Morning Milk Company at Wellsville, Utah; Ernest Bunten, now employed by the Mid-Western Dairy Products company of Salt Lake City; Darwin Glen, who now operates a dry farm in Blue Valley, Utah; and Floyd Heaton, operator of a cheese factory in Alton, Utah.

Team members of 1934 include: Wayne Bryant, who has an assistantship in the Dairy Department of Iowa State College and is working towards his Doctorate; George Glenn, now employed by the Western Dairy Products Company of Los Angeles, California; Ray Ball, who is also employed in Los Angeles; and Dalton Hunt, State Dairy and Foods Inspector, stationed in Cache Valley.

The 1933 team was crowned champions in judging all products. Team members were: Rulon Chadwick, now employed by the Model Dairy in Ogden; George Jackson, who is now in charge of cheese making in the Western Dairy Products Company at Inglewood, California; Lloyd Stevens, now employed by Schramm Johnson Drug Company in Salt Lake City as their ice cream maker; and Clyde McCulloch, a dairy inspector for the State of Utah.

In 1932 the team was composed of three members and was the first team to be coached by Professor Morris, and entered in the show at Portland. Team members were: Dean Johnson, now living in Pleasant Grove; Orville Stock, now employed by the Weber Central Dairy, Ogden, and Lowell Roskelley, who is in charge of the market milk department in the Model Dairy of Ogden.



Left to right: A. J. Morris (Coach), Max Johnson, Jack Moore, Mark Rhees, Paul Larson.

A great deal of credit should go to Professor Morris. Since entering teams in this great show he has made a very commendable showing. His teams have brought recognition and esteem for the college of which they are representatives.

CALENDAR FOR WINTER QUARTER

- January 3, Monday—Instruction begins. Registration of new students for Winter Quarter.
- January 4, Tuesday—Candidates submit applications for graduation.
- January 14, Friday—Last date to submit applications for graduation without penalty.
- January 31, Monday—Last day for changing registration.
- February 22, Tuesday—Washington's Birthday (holiday).
- February 28 to March 5—4-H Club Leaders training course.
- March 8, Tuesday — Founders' Day (Semi-centennial Year). Unsealing of corner stone, South Wing Main Building.
- March 17, Thursday—Winter Quarter ends.
- March 18-19, Friday and Saturday — Registration for Spring Quarter.

MARRIAGES

Vada Buttars, '37, to Stratford Smith, '36. They will make their home in Franklin, Idaho.

Nedra Stoddard, '37, to Walter Wood, ex '35. Their home will be at Trenton.

Economic Problems Confronting the Small Farmer in Utah

By W. Preston Thomas, '14



W. P. Thomas

The settlement of the State of Utah was based on a policy of small farm acreage. In many sections, the land was taken up or divided into twenty-acre pieces for each farm. Even in areas where larger acreage was acquired, farms were much smaller than those found in other irrigated sections of the West. In some few sections the size of the farm unit has been somewhat increased, but in most of the irrigated sections of the state the farms have been further divided, making the farm unit, in many cases, too

small for efficient production, to provide full-time employment for the farm family, and to return an adequate income.

Even though greater returns from larger farm units had a tendency to increase the size of the farms in the state, the influence of increasing population and the demand for land, or the dividing up of farms among heirs, largely counterbalanced the trend toward larger farm units. The trend in irrigated sections in Utah has been toward smaller farm units.

There is pressure of population against the land and water resources in all counties of the state. The demand for land and the size of the farm unit varies in different areas. Farms in the central, intensively cultivated counties of the state average only 30 acres of cultivated land per farm. In one county, the cultivated acreage per farm averages only 16 acres. In this same county there are communities that average only 6 acres of irrigated land per farm, or one acre for each member of the farm family. On the average, these irrigated farms in Utah are not intensively cultivated. More than two-thirds of the farm acreage is planted to hay and grain, or general field crops.

INCOME LOW

The average income on these small farms in Utah is low. Studies of farm income made by the Department of Agricultural Economics, Utah Experiment Station, show that the total production on many of these small irrigated farms is not large enough to give an adequate family income. Of course, prices received for agricultural products influence the farm income, however, according to these studies, the farm income was, on the average, relatively low even during periods of high farm prices.

The farm income varies by areas and by sub-areas. There is, however, a definite correlation between the de-

veloped agricultural resources and the number of people to be supported. With the present development of agriculture and the type of farming practiced in many areas, there is not sufficient good land, irrigation water or grazing privileges to provide each farm with an economic farm unit. The result is that, on the average, the farm family does not have full-time employment. The labor required for crop and livestock production on the average farm is about one-half of the labor available. According to a study being made by the Department of Agricultural Economics, on the labor requirements for agricultural production and the labor available, there are about 12 million man-work-days available on Utah farms, with only 6 million man-work-days required for the agricultural production of the state. There is a surplus of agricultural labor in all areas of the state.

The farm income in the various areas and sub-areas is closely related to the amount of agricultural employment available. The primary need for Utah's agriculture is full-time employment for the farm family. The lack of employment is not serious in sections where there is part-time employment away from the farm for some members of the farm family. Where this outside employment is available, very successful part-time farming operations can be carried on. On the other hand, in areas where there is not full-time employment on the farm, and where there is no outside employment available, a serious economic condition exists.

MUST MAKE ADJUSTMENTS

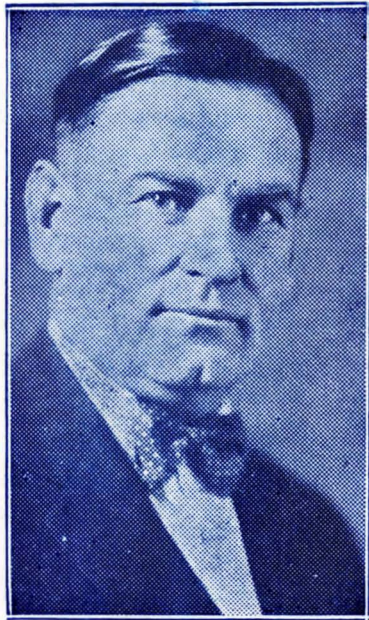
To meet competition from farmers who are operating larger economic units and who are in a position to make more economical use of machinery and cheap credit, Utah farmers who are operating small farm units will be forced to make adjustments in their farm operations. It will be necessary for them to develop a type of farming that is not in direct competition with the large farm operators. This will largely be through more intensification of agricultural production on the small farm units, and through more efficiency in use of the agricultural resources. More intensification will give the small farm operator an opportunity to provide more employment for the farm family, and to develop enterprises that cannot be carried on as economically by the larger operator.

Why haven't the farmers in Utah practiced more intensification? It may be due to their habits of practicing extensive farming which makes it difficult to adjust to new types of farming, or to the shortage of the irrigation water supply which prohibits intensive production. Or, they may be living in areas where, because of climatic conditions, it is impossible to practice intensive farming.

Changing the habits of farmers will come through economic demand for change, through education, and through the young farmers taking over the responsibility of the farm. A greater intensification in the agriculture on small farms in many areas of the state is dependent upon the development of additional irrigation water. A program for this development rests with the local people, state and federal agencies. A program to supplement the

Continued on page thirteen

PRESIDENT OF BANKERS' ASSOCIATION



O. W. Adams

Orval W. Adams, retiring member of the Library Endowment Trust Fund committee and former football star at the Utah State Agricultural College, was recently elected president of the American Bankers' Association at the convention in Boston.

During his college career, Mr. Adams was particularly active in athletics during 1901-1904. He played halfback along with former Secretary of Agriculture, William Jardine, '04, who played the other halfback position.

Following these years at the college, he entered the banking work. At Hyrum, Utah, he held his first position. Later he was employed as cashier of the Thatcher Brothers' Bank at Logan. Following the work at Logan, he became executive vice-president of the First National Bank in Ogden.

During the past year, Mr. Adams was first vice-president of the American Bankers' Association. At the present time he is connected with the Utah State National Bank in Salt Lake City.

The Alumni Association of the college wishes to congratulate Mr. Adams on his remarkable achievements and to thank him for the fine cooperation and work he has contributed towards the college and the association and to wish him continued success.

EXTENSION CONFERENCE

As part of the program at the annual conference of extension workers to be held on the College campus on January 17, 1938, Mr. Carl F. Tausch, Chief of Program Study and Discussion Section, Division of Program Planning of the Agricultural Adjustment Administration, will give lectures and conduct discussions on the subject, "An Economic Philosophy for America."

RECEIVES SCHOLARSHIP

C. Wallace Sorenson, '36, a sophomore at the Harvard school of medicine, recently received a scholarship amounting to \$325. The school gave forty-one, amounting to \$10,700 to outstanding students.

"Wally" was editor of *Student Life* during his junior year at the College and is the son of Professor and Mrs. C. J. Sorenson.

Semi-Centennial Year 1888-1938

BASKETBALL OPENS "BIG SEVEN"

When the 1938 collegiate basketball season opens Utah State's Aggies will be out to garner the first "Big Seven" title. At the time of the conference split just a year ago it was decided by the school officials to officially open the "Big Seven" conference with the basketball sport in 1938. Other members in the new league are: Utah University, Brigham Young University, University of Wyoming, University of Colorado, Colorado State and Denver University. With the smaller schools eliminated the new conference proposes to bring more national acclaim to local institutions and to increase athletic interest in the conference.

Dick Romney, veteran coach at Utah Aggies, lost Kent Ryan, Red Wade, Shelby West, Thad Hansen and Bob Bunker from his last year's aggregation, but the Aggie mentor has Elmo Garff, student prexy and captain, back in togs to bolster the attack around. Garff played at both center and guard last year and turned in some fine performances; however, this season he will probably remain on the guard line. Berkeley Parkinson, brother of the famous Seth of Aggie basketball fame, played at forward most of the year for the Aggies and right now appears headed for a great season.

Other lettermen returning to the Aggie fold are: Dutch Reeve, forward; Raldon Goates, guard; John Broberg, center and forward; Arden Peterson, guard; and Buck Andreason, forward. Strong squad members who may push the veterans for starting honors include Lorin Anderson, center; Clair Brown, forward and Earl Sells, center.

From the freshman ranks of last year come Leonard James, a strong candidate for the center post; Ray Lindquist, former all-state high school guard from Logan high; Albert Wimmer, former Weber high cager whose scoring antics as a member of the freshman squad made him outstanding at forward; Calvin Agricola, another strong man for either forward or center; Wally Braegger, forward; and Ken Shulsen, center.

The Aggies schedule for this season follows: January 14, Utah State versus Wyoming at Laramie; January 15, Utah State versus Colorado State at Fort Collins; January 21, Utah State versus Brigham Young at Logan; January 22, Utah State versus Wyoming at Logan; January 28, Utah State versus University of Utah at Salt Lake City; January 29, Utah State versus Colorado State at Logan; February 4, Utah State versus Denver at Denver; February 5, Utah State versus Colorado at Boulder; February 11, Utah State versus Colorado at Logan; February 12, Utah State versus Denver at Logan; February 18, Utah State versus Utah at Logan; February 25, Utah State versus Brigham Young University at Provo.

ELECTED CHAIRMAN

Weston Vernon, Jr., '25, was elected chairman of the Junior Bar Conference of the American Bar Association, September 29, in the final meeting held in Kansas City. This recognition speaks highly of the outstanding ability and progress made by Mr. Vernon since graduating from the college in his chosen field.

Mr. Vernon is a former resident of Logan where he still maintains a host of friends. He now resides in New York City where he has established himself firmly as a reputable lawyer in the world's largest city.

Legislative Act Aids Rural Education

By L. R. Humpherys, '12



L. R. Humpherys

In the passage of the George-Deen Act the federal government has given new life to the field of vocational education in the United States. A substantial increase in appropriations on a permanent basis is provided to the states and territories for vocational training of less than college grade in the fields of agriculture, home economics, trades and industries, and the distributive occupations. A part of this appropriation is specifically designated as a *teacher training*

fund to be used for the upgrading of teachers in service and for the training of new teachers.

The additional funds made available under the George-Deen Act will make it possible to establish many new departments of vocational agriculture and home economics in high schools which have not hitherto enjoyed a program in terms of the needs of the local community. In a short time virtually every rural high school of the state will have a program in agriculture and home making. The proper training of teachers in these fields, therefore, will have the effect of influencing every farm and farm home for good. This expansion of the vocational program in the high schools and other secondary training schools will be accompanied by a number of changes in the State College of Agriculture which is concerned with the training of teachers.

Will Increase Teachers

In the first place the expansion of the vocational program in agriculture and home economics in the high schools will call for a substantial increase in the number of trained teachers in each of these fields. For the country as a whole before the depression 40 per cent of the graduates from Land Grant institutions in the field of agriculture were placed in teaching positions. In the field of home economics the percentage of graduates entering the teaching profession was even greater than the number in agriculture. These figures are not far different from the Utah State Agricultural College. The extension of the program in vocational education in Utah will therefore call for a greater number of the trained leaders graduating from college.

The additional federal funds in teacher training available at the Utah State Agricultural College will call for an expansion of the program. Additional emphasis will be given to, (a) the organization of a more comprehensive curriculum in technical and professional training in agriculture and home economics, (2) the providing of teacher training centers in local high schools to include teaching

experience in part time and evening schools, (3) the preparation, organization and distribution of up-to-date technical subject matter and other teaching helps adapted to teachers in the field, and (4) the upgrading of the present teachers through the conducting of short, intensive college courses, and personal visits in the field of labor.

The expansion of the program of vocational education in agriculture and home economics will mean that a larger number of students will graduate with a major interest in these fields. This effect in turn will direct a larger percentage of farm boys and girls to the State Agricultural College to do college work in these same fields. A survey from one of the states indicates that high schools with vocational education departments are sending "three to one" students to the agricultural college as compared with the high school with no vocational training.

TRADE COURSES

The further development of the program in vocational education under the George-Deen Act has accelerated the organization of two-year trade courses at the Utah State Agricultural College. Two-year trade courses are now being offered in *Machine Work, Diesel Engines, Auto Mechanics, Radio, and Building Construction*. According to Dean George D. Clyde of the School of Mechanic Arts, there is a very substantial enrollment this fall quarter in these two-year trade courses. The purchase and installation of new equipment in the several shops and the hiring of additional teachers makes it possible for the Utah State Agricultural College to provide facilities to train tradesmen and to meet the shortage of tradesmen in a number of the trades in the state.

With the aid of state and federal funds for a vocational education program, the rural high school is now, more than at any time in the past, in a position to reach out in the community and provide a practical education through participating experience for both young and adults. In this program the State Agricultural College trains for leadership, assists in the follow-up of professional improvement of the teachers and the dissemination of information, and through its extension service provides cooperation for general community uplift.

GRADUATES EDIT REVIEW

When the January issue of the *Intermountain Review* goes to press it will be one year old. This interesting and cultured magazine is edited by Ray B. West, Jr., '33, while Grant H. Redford, '36, is one of the associate editors.

The Fall issue of the *Intermountain Review* carried an interesting article by Sherwood Anderson on "Little Magazines," in which Mr. Anderson expressed a "warm and friendly feeling for the publication." He also stated that the magazine might well become the channel for watering a strong new crop of writers out in the mountain states.

XMAS GREETINGS

From the Alumni office may we wish to all of you a very merry Christmas and a most successful New Year!

Semi-Centennial Year 1888-1938

ALUMNI MAKING RECORDS

Interviews with a number of alumni of the Utah State Agricultural College reveal that excellent records are being made by those in high positions with the federal government and other institutions, according to Dr. E. G. Peterson, president of the College, who recently returned from Washington, D. C., where he attended meetings of land-grant college presidents during the seventy-fifth anniversary observance.

President Peterson reported that Dr. Lowry Nelson, former director of the Utah Agricultural Experiment Station and present head of the department of Rural Sociology at the University of Minnesota, is making use of numerous opportunities afforded him and promises to make a scholarly contribution in his professional field. Enroute from Washington, President Peterson visited Dr. Nelson, a member of the class of 1916, in Minneapolis.

Other college alumni visited by President Peterson are P. V. Cardon of the class of 1909, former director of the Utah Experiment Station and now principal agronomist in charge of forage crops and diseases with the bureau of plant industry; F. D. Farrell of the class of 1907, president of the Kansas State Agricultural college at Manhattan, Kansas; James T. Jardine of the class of 1905, director of research and chief of the office of experiment stations for the United States department of agriculture; Professor O. G. Lloyd of the class of 1910, head of the departments of Farm Management and Rural Economics at Purdue university in Indiana; Dr. E. B. Brosard of the class of 1911, member of the United States tariff commission in Washington; and Floyd T. Morgan, former instructor of speech at the Utah college, who is now studying for an advanced degree at the University of Iowa.

"I am very much impressed with the advancement made by our alumni," President Peterson commented. "Many of them are making enviable records in their chosen fields."

"A" MEN ELECT OFFICERS

In the recent election held by the "A" Men's organization, Glen "Zeus" Worthington, '29, director of intramurals at the Logan high school, was elected president; Virgil Norton, '26, Fire Insurance Agent for Utah, and Idaho, vice president; and Cantril "Flash" Nielson, '28, Postmaster at Hyrum, Utah, was retained as secretary and treasurer.

These new officers take over the duties of the "A" Men's organization after January 1 when they succeed Deb Young, '31, president and Kenneth "Brick" Smith, '27, vice president.

VISITS CAMPUS

Roland Monson, '27, visited in Logan recently with his parents, and while there visited the campus of his Alma Mater, the Utah State Agricultural College.

Mr. Monson is a United States postal inspector. For the past seven years he has worked in the federal bureau of investigation. He just finished auditing and accounting the books of the Continental Airlines in Denver and is working on mail contracts for air mail.

SENIORS COMPETE FOR SCHOLARSHIP

Two students of this year's senior class at the Utah State Agricultural College are preparing for semi-final eliminations for Rhodes scholarships. Madison Thomas and William S. McEwan are the two competing.

These two seniors will compete in Salt Lake City, December 17, with three other participants of which two are from the University of Utah and one from Brigham Young University, at which time two will be named to compete in the final examination at San Francisco, with entrants from six western states.

The college has two Rhodes Scholarship winners in England studying at the present time. Fred Somers, '35, won in the fall of 1935 and entered Oxford the next fall, and George Piranian, '37, won in the fall of 1936 and entered the school this fall.

This year's winners will enter in the fall of 1938 and will remain for two years, with a yearly stipend of 400 pounds (\$2000).

AWARDED CERTIFICATE

While in Washington, D. C. recently, Director William Peterson was awarded a distinguished service certificate by Epsilon Sigma Phi, national extension service fraternity, for his meritorious work among rural people.

FALL QUARTER REGISTRATION

Registration at the College hit an all-time high with 2704 students registering for the fall quarter. English placement tests were given November 20, for freshmen students. All freshmen were required to take the examination as it is a prerequisite for Winter Quarter registration.

THANKSGIVING EVE PROGRAM

On the eve of the Thanksgiving day football game an excellent and entertaining program was held by the "A" men's organization in the Newhouse hotel.

The Salt Lake City chapter of the Alumni Association gave some very excellent numbers, especially the Women's quartet. This number was "Tops," especially when one part of the song brought forth the fact that Ebenezer Kirkham "needed sympathy."

Virgil Norton, Kenneth "Brick" Smith, and Deb Young were primarily concerned with arrangements of the program and are to be congratulated on the fine job they did.

Kuppenheimer Clothes

Dobbs Hats

Nunn-Bush Shoes

WICKELS — Logan

Modern Development In Radio

With the marvelous development in radio broadcasting and of the home radio receiver, Professor S. R. Stock, '22, foresaw a vast opportunity and a vital need for training men in this field of unlimited possibilities. No other invention has been so universally accepted in so short a time as has radio broadcasting and reception.

Television is steadily moving forward though still very much in the experimental stage, excellent results are being obtained in broadcasting and receiving of television up to a distance of 30 miles. It is only a matter of time until we will not only hear but see the performances in our own homes.

During the past summer the radio department at the College, again branched out by building and equipping a beautiful sound-proof recording studio in the radio department.

The studio was designed and decorated and all equipment installed by Professor Stock and Clayton Clark, instructor in the radio department. It is finished in modernistic design with heavily carpeted floors and modernistic furniture. The control and recording room which is built within the studio is sound-proof from the studio itself and houses the recording machine, the recording amplifiers and play-back equipment. A monitor speaker reproduces the programs from the studio into the recording room which enables the operator to check for quality and balance of the program to be recorded. The operator in the sound room is also able to talk back to the performers.

The studio proper is equipped with a piano and two American dynamic microphones especially designed for recording studios. The recording is made on an acetate recording blank. As soon as the performers have finished the record may be played back.

Provisions have been made for large crowds who may assemble in the radio laboratory and observe the performers through sound-proof windows. Excellent recordings are being made daily. In addition to records made by members of college faculty and student body, high school speech and music students have come in groups to make records for training.

Such a sound room should prove to be a real asset to the school as a whole and especially to students of the speech and music departments. It also provides a most effective means of testing voices for radio, overcoming microphone fright and developing microphone and studio technique.

Radio students have an opportunity to actually operate studio and recording equipment thus making it possible to acquire the technical skill so necessary in these fields.

Student enrollment has steadily increased each year and advanced courses have been developed to meet the demand. It has also been necessary to provide additional laboratories to take care of an overflow of students in the department this year. Beginning with the winter quarter a large service laboratory will be developed in what is now the ignition starting and lighting laboratory.



Left to right: Dorothy Montrose, Oralie Bailey, Professor Stock, Lynn Lawrence, Jean Olson, Elma Corry.

A course in Forest Service Radio, the first to be offered by any school in the United States was outlined by Professor Stock, assisted by Francis Woods, head of the Forest Service Radio department at Ogden, and given first at the school in 1935.

RETROSPECTION—HOMECOMING

On October 30th, Alumni and friends of the College gathered in Logan for the tenth annual Homecoming celebration of the Utah State Agricultural College.

This year, as in the past years, a gala time was had by all those who returned to join in the festivities. The celebration was formally opened on Friday evening, the 29th, with a gigantic bonfire and rally at Main and Center streets. A feature of the rally was a dazzling display of fire works.

Saturday a salute was fired at sunrise, giving an official o.k. to the day's program.

At 11 a. m. a parade consisting of 37 units and five bands marched north along Main street. This parade was the longest and one of the cleverest ever presented in Logan. Immediately following the parade, a reception and tea was held in the Commons building for all returning Alumni. A record book was also located there and over 200 graduates signed their names to the roll.

The football game followed at 2 p. m., preceded by a colorful flag raising ceremony in which city, county and state officials participated. President Robert L. Judd, of the Alumni Association, raised the flag, while five bands played the National Anthem. The game was between our own Utah Aggies and the Aggies of Colorado State, and proved satisfactory from every standpoint. We won 7-0; the large crowd received many thrills during the game and went home victorious.

The entire two-day celebration was well attended, and it is the hope of the Alumni Association that next year you will all return to your Alma Mater to enjoy the spirit and companionship that is so manifest at these gatherings.

Ten Years of Forestry at Utah State

By Paul M. Dunn

EDITOR'S NOTE:

Word has just been received that the School of Forestry at the Utah State Agricultural College is included in the group of eighteen similar institutions offering approved standard work in forestry and related subjects. This rating was announced by the Society of American Foresters, a national professional forestry group, as a result of a survey of twenty-four institutions in the United States.

Ten years ago this fall, instruction in a technical forestry major was inaugurated at the Utah State Agricultural College. From the first enrollment of 14 students in a department within the School of Agriculture, this phase of the college educational system has grown to a separate school with a present enrollment of 333. During this period of growth, the faculty has been increased from one to seven members.

The fortunate geographical location of Utah and its college affords the opportunity for technical education in forestry and related fields such as wildlife management, range management, and soil conservation. Situated in the heart of the western land states with extensive areas of forests and ranges on all sides, the students can be given an opportunity to see and work with the many problems first hand. Within easy reach of the school are several federal and state demonstration areas, embodying examples of most of the forest, range and wildlife problems that are paramount in this country.

For the first year Professor R. J. Becraft of the Botany Department guided the work in forestry and range. Professor Lyle F. Watts, formerly of the Forest Service, took over the administration of the department in 1928 but resigned at the end of the year to return to his former work. Professor T. G. Taylor, coming in 1929, carried on the forestry program until 1935, when he left to accept an important position with the Soil Conservation Service with headquarters at Albuquerque, New Mexico. Professor Becraft is now with the Forest Service in Portland, Oregon.

Interest in this phase of work with its associated fields of wildlife and range management necessitated the expansion in 1933 of the curriculum into three majors: forest management, range management, and wildlife management. The enrollment, though increasing rather steadily, received added impetus in 1933 as a result of an awakened national interest in forestry and conservation along with the establishment of the Civilian Conservation Corps under the Emergency Conservation Work program. The increased enrollment in this field was very noticeable at all similar institutions in the country.

The personnel of the Forest Service of the intermountain region have assisted materially in the furthering of forestry education in Utah. In addition to technical advice and assistance, many of the forest and regional officers have contributed their time in meetings and lectures held at the college. Experts in particular phases have been loaned for periods of special instruction.

Summer Instruction Inaugurated

Facilities for summer field instruction were investigated by college officials early in the development of the



Forestry Students in Forest Nursery

school and were culminated with the inauguration of a summer camp requirement in 1936. Approximately 3,000 acres of forest land is being leased and purchased on the Cache National Forest 25 miles from the college campus. The housing of this phase was made possible as a result of a cooperative agreement with the college and the U. S. Forest Service for the use of the C.C.C. camp near Tony Grove in Logan Canyon. In 1933, when this camp was being erected, President E. G. Peterson and others of the administration, foreseeing a possible educational use of this equipment, suggested to the state and governmental officials that certain changes be made in regard to location and construction, having in mind that it might in the near future be available for college use. These requests were granted and have proved beneficial to the development of a more comprehensive program for the School of Forestry.

In 1936, forty-five students in forestry completed a four-week summer program covering certain types of field work in forest surveying, forest mapping, range reconnaissance and wildlife studies. The next year, two periods of four weeks each were held, one in June and one in September, accommodating a total of 74 students. Plans for the future call for an eight-week camp to be held in 1938, commencing in June.

The forestry camp is a requirement for graduation and is included in each of the three curricula following the sophomore year, and it is intended that it will be a prerequisite for several of the technical courses in the junior and senior years. The purpose of this camp is to insure the forestry student of a knowledge of field application of the major problems and also an introduction to the type of work that is expected of the technical forester. The proximity of the camp to the campus also permits substitution of field work for certain phases of the classroom instruction.

Field Trips Augment Class Work

Another type of instruction that is being used is that of field trips both in connection with the scheduled classes and as special features. The proximity of several types of study areas justifies this procedure. The Cache National Forest just east of the campus, the several federal

Continued on page fourteen

NOMINEES FOR COUNCIL

Enclosed with this issue of the *Quarterly* is your official ballot bearing the names of fifteen graduates for positions on the Alumni Council of the Utah State Agricultural College Alumni Association as selected and authorized by the nominating committee of the association at the time of the annual council meeting held Saturday, June 5, 1937.

You may vote for any five of the group. It is urged that you mark and mail your ballots today. Your cooperation in this matter will be greatly appreciated. The deadline for voting is April 1, 1938.

D. A. Skeen, '09. Lawyer with firm of Irvine, Skeen and Thurman at Salt Lake City. Majored in commerce in school of General Science. Active in athletics, debating and publications. Received LL.B. in 1910 from University of Chicago Law school. Since graduation has been Assistant County Attorney, Salt Lake County, and President of Board of Trustees, Utah State Training School.

Leona Eames Daley, '22. Housewife. Majored in history and English in the School of General Science. Active in dramatics. Received dramatic award in 1922.

Verland L. Christiansen. Superintendent Rich County School District. Since graduation has attended Idaho Technical Institute, 1925-26; University of Idaho Southern Branch, 1929-30; U. S. A. C., summers of 1932, 33, 34 and entire year of 1934 and 35; University of Oregon, summer of 1937. Member of Phi Kappa Phi and former principal of South Rich High School.

Mrs. S. J. Quinney, '17. Housewife. Vice president of senior class, 1917. Member of Sorosis sorority. Recipient of scholarship "A." Active in publications. Life member of the Alumni Association and is paid up contributor to the Library Endowment Trust Fund.

Eugene W. Robinson, '20. Manager of Student Life. Active in other student publications. College science medal winner in 1920. At present is manager of Arden Dairy, Ogden, Utah.

Wayne B. Garff, '35. Employed by Utah Sand and Gravel. Formerly with State Engineer's Office, State Capitol. Basketball letterman. Cadet Colonel, Commerce major.

J. W. Thornton, '17. Former principal Junior high school, Provo. Member State Legislature. Active in Publications. President of Ag Club. Attended B.Y.U. since graduation.

Pearl Oberhansley Allred, '21. Housewife. Taught school in Wyoming, Montana and Utah. Majored in Education.

John K. Olsen, '11. Ephraim, Utah. Livestock farm operator. Member Farm Bureau. Past director of Ephraim Irrigation Company. Member of track team '10, '11. Majored in Animal Husbandry.

David H. Calder, '30. Member State Legislature. Manager Calder Brothers Creamery Company, Vernal, Utah. Attended Iowa State since graduation. Democratic Chairman, Uintah County.

L. R. Humpherys, '12. Professor of Agricultural Education, U. S. A. C. Former State Supervisor of Vocational Agriculture. Majored in the school of Arts and Sciences. Manager track team. Attended Harvard, Cornell, U. of Chicago since graduation.

Asa Bullen, '10. Lecturer in Commercial Law, U. S. A. C. Lawyer. Majored in school of Commerce. Active in debating. Attended Harvard Law School.

F. J. Law, '26. Majored in Education. Head of history department, Box Elder high school. Former City Councilman of Brigham City. Mayor of Brigham City.

Pearl Spencer, '26. English teacher at Logan senior high school. Attended U. of California and U. of Washington since graduation.

Gronway R. Parry, '14. Superintendent of Utah Parks Company Transportation. Prominent in development of Utah's Southern Parks. Operates large ranch near Cedar City. Member of American Legion.

Economic Conditions of Utah Farmers

Continued from page seven

present irrigation water supply in many areas is essential if the small farms are to meet the competition from other productive areas.

If climatic conditions in some areas are not favorable to intensification, then the extensive type of farming should be practiced on a larger scale in order to give the farmers an economic unit. This program may necessitate adjustment in the number of people who can remain in an area in order to provide an economical farm unit.

Keen competition for the small farmer has developed in recent years. To meet this competition, there is need for a full development of the agricultural resources of the state to provide the small farmer of the state an opportunity to secure an economic farm unit that will provide full-time employment for the farm family and a larger farm income.

Have You Sent in Your Alumni Dues?

Use this blank or write a letter addressed to the Executive Secretary, Alumni Association, Logan, Utah, enclosing your annual dues or Life Membership remittance.

I enclose \$1.00 for annual membership.

I enclose \$25.00 for Life Membership.

(May be paid in five yearly installments.)

Name..... Class.....

Street

City..... State.....

SCHOLARSHIPS RENEWED

Shortly after his inauguration as president of the Union Pacific System, W. M. Jeffers announced his intention of continuing the policy of the Union Pacific System of awarding a \$100 scholarship to the outstanding Future Farmer of every county through which the Union Pacific System operated. In Utah this means an annual award of fourteen \$100 scholarships to worthy farm boys to continue their study of agriculture at the Utah State Agricultural College. These scholarships are to be awarded on the following basis:

1. 40% on supervised practice.
2. 30% on scholastic standing.
3. 30% on character, interest, qualities of leadership, community and extra-curricular activities.

Under the provisions for the awarding of these scholarships the State Director of Agricultural Education will appoint two individuals in each county to make the selection. They will then select a third individual. The three together will give careful consideration to the merits of every case. In the past this has served as a great stimulus in providing outstanding leaders in the field of agriculture on the State College campus.

ALUMNI COUNCIL MEET

On October 30, the morning of Homecoming, a very delightful and successful meeting of the Alumni Council of the Alumni Association was held in the Men's Lounge of the Student Commons building.

President Robert L. Judd of the Alumni Association was in charge. Lloyd M. Theurer, former president of the Association, was elected to fill the vacancy created by the retiring of O. W. Adams from the Library Endowment Trust Fund Committee.

It is planned to hold a meeting of this kind the morning of each Homecoming celebration in order to outline plans for each coming year.

Clyde F. Smith '35

Clyde F. Smith, '35, recently left Logan to return to Ohio State University for advanced study. Mr. Smith has an entomology teaching assistantship at Ohio State and this will be his second year at that institution.

While in Logan Mr. Smith worked for the Experiment Station on the "Pea Aphid Investigation" project and also completed all necessary requirements for his master's degree in entomology which he will receive from the Utah State Agricultural College in June, 1938.

RESUMES DUTIES

W. D. Porter, '22, assistant professor of journalism and college editor at Utah State, resumed his duties late in October. Professor Porter returned from Washington, D. C., where he has been working for two months with the extension service of the United States Department of Agriculture on special reports. One of the reports Professor Porter worked on will be incorporated in the report of the secretary of agriculture, Henry A. Wallace, in his record to President Roosevelt, while two more reports will be printed in the USDA pamphlets.

Ten Years of Forestry

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and state game refuges within 50 miles, and the experimental range and erosion control areas of the Forest Service and the Soil Conservation Service within 75 miles can be reached in one-day trips. Certain other projects and areas necessitate a two or three-day period. The present plan is that the range and wildlife majors will take about a seven-day trip through the southern part of the intermountain region each fall, while the forestry majors will visit the timbered sections and the logging areas of the Northwest and possibly the Pacific Coast each spring.

Farm Forestry Project Demands Trees

The introduction of a forestry extension program at the college in 1929 necessitated the establishment of a forest tree nursery in order to supply the farmers of Utah with planting stock for windbreak and woodlot purposes. An eight-acre plot was designated on the east campus, and the project was inaugurated under the cooperation of the federal Clarke-McNary Act. Trees were first distributed in 1930, and the interest in this phase has increased steadily each year from 15,000 the first season to 105,000 in 1937, making a grand total of 330,000 distributed to farmers in Utah and Nevada. The charge to the farmers is approximately 50 per cent of the total cost of raising, handling and shipping the planting stock. More than 150,000 small trees of eleven species will be available for distribution this coming spring.

This nursery also provides a very convenient and practical means of instruction to the forestry students. Part of the area is given over to experimental studies in range grasses, forest trees and native shrubs. All of the labor in connection with the project is done by the forestry students, and the payroll in 1936-37 was approximately \$3,000.

School Cooperates with Research Programs

The research programs in range and wildlife management furthered by members of the forestry faculty are all valuable adjuncts to the instructional work, particularly in the application of field problems. The Wildlife Experiment Station, a federal and state cooperative project with headquarters at the college in the School of Forestry, is under the direction of Dr. D. I. Rasmussen, associate biologist with the U. S. Biological Survey. Special fish and game studies have been inaugurated and are showing considerable value in the economic development of wildlife in Utah and the Intermountain region.

Graduates Number 112

Of the 112 graduates of the school, more than seventy-four per cent are at present employed and 13 or 11.6 per cent have continued or are continuing in graduate work. A recent analysis of their distribution shows that for the geographical regions of the United States and for types of employment, the graduates are located as follows:

GEOGRAPHICAL REGION

Intermountain Region ..49	Northwestern Region 3
Southwest Region10	California Region 3
Colorado Region 5	Eastern Regions 9
Northern Region 4	

AGENCIES OR TYPES OF WORK

Forest Service59	Biological Survey 2
Soil Conservation Service10	Taylor Grazing 1
Educational Institutions 9	T. V. A. 1
(including grad. work)	U. S. Army..... 1

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