



Michigan State College

RECORD

FEBRUARY • • 1939

Growing Pains

By John A. Hannah

program. The government furnished labor and material, but the college supplied supervision and a small contribution. The program follows:

Name of Project	M. S. C. Contribution	Federal Government Contribution
Grading, Building and Repairing Project	\$ 9,000.00	\$105,500.00
Completion of the Union Building	60,315.45	96,096.00
Grading and Filling Athletic Field	5,051.90	20,800.00
Irrigation Lines	931.95	3,585.00
Rebuild Dam, Red Cedar River	3,135.14	2,537.00
Ag. Engineering Barn and Re-roofing Buildings ..	5,179.82	9,080.00
Dairy Research Barn and Implement Storage	10,357.22	13,400.00
Tennis Courts and Miscellaneous gradings	2,738.98	18,960.00
Build Blacksmith Shop	4,700.96	10,633.00
Increase Size of Stadium and New Tracks	3,154.28	127,600.00
Resurface Farm Lane and Other Roads		10,000.00
Forestry Nursery Building	2,738.50	13,000.00
Grading Tennis Courts, Water Lines, Farm Drains	3,100.00	70,000.00
Forestry Cabin		13,000.00
Razing Building, Wilcox Farm, Huber Farm, Six Concrete Tennis Courts ..	9,000.00	134,000.00
	\$113,731.12	\$648,191.00

Enrollment From Other States—

Ala., 2; Ariz., 1; Ark., 2; Calif., 7; Colo., 4; Conn., 16; Del., 3; D. C.,

4; Fla., 10; Ga., 1; Ill., 100; Ind., 61; Iowa, 13; Kans., 10; Ky., 5; La., 3; Maine, 9; Md., 5; Mass., 26; Minn., 12; Miss., 5; Mo., 10; Nabr., 2; N. H., 1; N. J., 48; N. Y., 263; N. C., 1; N. Dak., 6; Ohio, 78; Okla., 9; Ore., 3; Pa., 49; S. Dak., 2; Tenn., 6; Tex., 6; Utah, 2; Vt., 4; Va., 7; West Va., 8; Wis., 31; Wyo., 1.

Foreign Enrollment—Australia, 1; Canada, 15; China, 2; Cuba, 1; Denmark, 1; Puerto Rico, 1; Sweden, 1.

Here's the enrollment from Michigan counties at a glance. Robert Linton, '16, newly appointed college registrar and about whom a story appears on page 10, points to Ingham county with 1,308 students on the campus last fall. In "Growing Pains" Secretary Hannah describes the need for classroom and laboratory facilities to handle adequately an enrollment which has more than doubled during the last five years.

GROWING PAINS! And the victim is Michigan State college, where traditions of yesterday live and add zest to progress of today.

Enrollment continues to rise. Five years ago last fall 2,700 students were enrolled at Michigan State; last fall 5,893 were registered, an increase of 3,193. Approximately 85 per cent of this enrollment comes from Michigan, the other 15 from out-of-state and foreign countries.

This sudden increase in students has caused a financial problem at Michigan State college. A cut of \$472,000 from the 1937-38 and 1938-39 legislative appropriations of \$2,633,000 each year for operating the college and failure of the legislature to appropriate money for buildings crippled administrative plans to relieve congestion in classrooms and laboratories. Along with this cut came an enrollment increase of 25 per cent since the 1937 legislative session.

Contributions from the federal government through WPA and more recently through PWA have enabled the State Board of Agriculture to carry on a building and improvement

Eighty-five per cent of State's enrollment comes from Michigan. For the other 15 per cent students hail from all other states and foreign countries. . . . Registration is 25 per cent higher than it was during the 1937 legislative session. . . . College outgrows its classroom and laboratory facilities. . . . Read Secretary Hannah's discussion on these vital facts. . . . **READING TIME—5 MINUTES.**

RELIEF PROGRAM UNDER WAY NOW:

WPA — Large Project, Farm Lane Bridge, Roads, Walks, and Farm Drains	40,000.00	1,431,000.00
	\$153,731.12	\$2,079,000.00
Grand Total		\$2,232,922.12

While the above construction was in progress a non-relief program was completed during 1935-36. It follows:

Addition to Union Building	\$85,120
Short Course Dormitory	13,800
Military Garage	2,000
Laundry Equipment	18,565
Farm Crops Barn	27,000
Chatham 4-H Building	45,000
Changes in Morrill Hall	83,000
Other Building Changes: Administration Building, Bacteriology Building, Engineering Building, Library	61,000
Band Shell	23,000

(Continued on page 4)

Michigan State College

RECORD

A Magazine For State's 11,996 Alumni

EDITOR—LLOYD H. GEIL

FEBRUARY, 1939
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Cover—Photo by Huby. See Page 6 for story.

PREVIEWS: An increase of 3,193 students in five years . . . but no adequate classrooms and laboratory facilities to do justice to instruction. Read "Growing Pains", page 2, for a concrete picture of the reasonable needs of the college. John Hannah, '23, describes the situation.

● Twenty-five thousand farmers came to college . . . for one week . . . to get "wised up" on stock breeding, grain growing, farm engineering, home furnishings, etc. They saw demonstrations and exhibitions, but "Signs of Progress", page 5, by Everett Swingle, tells their story.

● Retiring from extension service in Washington, Dr. C. B. Smith accepts the editorial chair on the 4-H Horizons magazine. "Summers on my farm at Atlanta, Michigan . . . winters in Washington from now on," says Editor Smith. You'll find "Its Editor Smith Now" on page 13.

● These and other features, described in story and picture, will be found in your February issue of the Record.

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COLLEGE RECORD . . . 3

GROWING PAINS

(Continued from page 2)

Campus Lights	4,000
Class Rooms in Home Economics Building	18,069
Sidewalks	23,400
Sarah Langdon Williams Hall	550,000
Stevens Mason Hall	550,000
Federal Poultry Laboratory	250,000

TOTAL \$1,753,954

Through the cooperation of PWA eight major buildings are being built now to provide adequate dormitory facilities, an auditorium, and a men's gymnasium and field house. A complete description of this program appeared in the December issue of the Michigan State College Record. These buildings are self-liquidating, but an additional sum will be required for their maintenance and operation. In addition there are a few non-governmental projects under way at a cost of \$94,600. They include more campus lights, costing \$6,000; new steam boiler, \$72,000; deep well, \$11,000; addition to calvary barn, \$1,600; apiary building, \$4,000.

The building and improvement program since 1935 involves an expenditure of \$7,426,476.12. Of this sum, \$2,232,922.12 comes from the federal government.

But we are still without relief for our classrooms and laboratories, for which no new buildings have been erected since 1929. Every attic and basement are being used to accommodate an enrollment which has more than doubled

itself during the last five years. These inadequate facilities must be improved if reasonable standards of instruction are to be maintained.

The following building program represents the reasonable needs of the college for 1939-40 and 1940-41:

1. Addition to the Power Plant and Power Plant Equipment	\$400,000
2. New Transmitter for Radio Station WKAR, required by Federal Communications Commission	60,000
3. Natural Science Building, Botany, Geology, Entomology, Geology and Geography and Museum	1,200,000
4. Bacteriology and Animal Disease Research Building and Equipment	400,000
5. Civil Engineering and Hydraulic Laboratory	150,000
6. Forestry and Conservation Building and Equipment	450,000
7. Head House, an additional greenhouse for horticulture research and fruit storage	25,000
8. Livestock judging pavilion	175,000
9. Short Course Dormitory	125,000

TOTAL \$2,985,000

The college needs funds for this building program to relieve classroom and laboratory congestions.

It is likely that in the future we will have a continual and gradual increase in enrollment. We are located in and near a portion of Michigan where large population is concentrated. State is now considered an educational institution of the same quality as the University of Michigan, or any other large university. Entrance requirements may be even more severe than in some schools of higher education.

These are factors which stimulate the growth of your college; they are factors which necessitate a continuous building and improvement program to meet the demands of its ever-increasing student enrollment.



Aftermath

The opening of Farmers' Week brought Michigan's worst blizzard in years. Pedestrians fought drifts; cars stayed marooned until snowplows and shovellers came to the rescue. Only a few hundred farmers braved the storm for the first meetings. Toward the end of the week, however, 25,000 rural residents and city folk had made the snow-covered Agricultural hall, left, their headquarters.

Signs Of Progress

By Everett Swingle

OLD MAN WEATHER, with a blizzard whistling through the icicles on his beard, tried to thwart the extensive plans for the 24th annual Farmers' Week program at Michigan State college.

But the five-day program which began Monday, Jan. 30, and continued through Friday, Feb. 3, attracted sufficient sturdy visitors, 25,000 of them, to keep this Michigan event Number One of its kind in the United States.

All of which proves one point which is a credit to the college and to the agriculture of the state. It proves that the agricultural division and the extension service of Michigan State college have proved their worth through service to the state and that farmers throughout Michigan are aware of this service and the facilities available to them.

Instances? They abound.

One of the most interesting tales of the recent Farmers' Week relates to one of Michigan's country gentlemen. He is L. D. Creesoe, a Detroit engineer who several years ago purchased a farm in Cheboygan county near Aloha. He has stocked it with some purebred horses and purebred Hereford beef cattle.

At Farmers' Week with his son, he approached E. L. Benton, college livestock specialist, for some advice on a good breed of sheep for his farm.

Benton told him that in view of his proximity to raiding coyotes, Creesoe ought to get a breed that is noted for fleetness of foot, the Hampshires for instance.

Along came D. L. Chapman, South Rockwood, president of the Michigan Purebred Sheep Breeders' association. Benton introduced them. Chapman's reply to the question was that any of three breeds might suit. Creesoe might fare about as well if he flipped a coin.

So Creesoe had his son flip a coin. Heads, Hampshires—tails would be Shropshires. The coin turned tails up, so the Creesoes left Michigan State college with nine of the highest priced Shropshires sold in the annual bred ewe sale held as part of Farmers' Week.

Theme Float—Four floats paraded through Demonstration hall Wednesday and Thursday nights during Farmers' Week included this one, depicting Michigan's 45 million dollar poultry industry, selected as the special theme for the agricultural division's recent 24th annual program for rural visitors.



Grand Champion—Best horse in the colt development contest conducted in Michigan by the college and judged in recent Farmers' Week is this young Percheron stallion. Left to right, Mrs. H. D. Woodworth, holding breed trophy, Lawrence Woodworth on lead, and H. D. Woodworth, Charlotte, owner.

In other departments similar anecdotes of service filtered through the week.

In agricultural engineering the staff had prepared a new version of a round roof brooder house constructed with vapor sealed insulating material. Hundreds strolled in and out of this structure set up near Demonstration hall. Plans are not printed, although they soon will be, but the department took the names of more than 650 who want these

plans as soon as they can be mailed.

The Bulletin room in the basement of Agricultural hall had its usual flow of steady customers. The average caller wanted three bulletins. About 5,000 copies were handed out during the five days, with surprising emphasis placed on landscaping and a definite popularity for bulletins on poultry and hybrid corn.

The hybrid corn problem is a phase of the farm crops department's program of service that is happily being solved. The staff members feared farmers would fall victims of seed salesmen offering hybrid seed not adapted to various areas in Michigan.

But the farmers are taking information from the college service. During Farmers' Week, two new bulletins on hybrid corn found more than a thousand demands.

Muck farmers brought in soil samples to Dr. Paul M. Harmer, as he had offered to test samples as a sideline feature during these three afternoons. Samples numbered forty, and another group of farmers went home with fertilizer recommendations, their trips to the college likely to pay big dividends. In 1938 this muck soil testing service of the college put through 2,011 samples.

If you can imagine 1,102 bushels of onions, grown on one acre of soil, you can picture the job one man did in winning one of the typical titles bestowed during the week. He is Alex Bulatow, Omer, Mich.

E. L. Anthony, dean of agriculture, served as he has since he was named dean, as general chairman for the Farmers' Week program. R. W. Tenny, short course director, was chairman of the program committee.

POULTRY served as the special theme this year. It was selected as one of the state's major agricultural industries. Although Michigan can wear no national crown in poultry, the state can point to an annual income of approximately 45 million dollars from the sale of eggs and meat.

The dean considers the attendance not in the light of the record for which it is for the nation, but as a compliment to the service of the agricultural division of the college. In addition to the instruction offered in agriculture as one of the six divisions of the college, the agricultural staff serves through the Michigan Experiment station, directed by V. R. Gardner, and through the extension service, headed by R. J. Baldwin.

Scheduled events during the five days totalled 165. Departments offering programs included poultry, soils, farm crops, agricultural engineering, forestry, 4-H club state office, animal husbandry, horticulture, landscape gardening, home economics, farm management and

dairying — all service departments as well as instructional.

Outside speakers came from all directions.

L. J. Taber, master of the National Farmers' Grange, came from Washington to describe the "Four Horsemen of Recovery". He labeled them agricul-

The Cover

IN AN event which has become a tradition of Farmers' Week at Michigan State college, the Short Course department selected for recognition former students who have become outstanding in agriculture in the state. Here are Ralph W. Tenny, director of Short Courses, with E. L. Anthony, dean of agriculture, and five of the eight men honored at the annual Short Course banquet.

Seated, left to right from Dean Anthony are Henry Prillwitz, Berrin Springs; Ernest Petrie, Cressey, and Ralph Sebastian, Buchanan. Standing, Arthur Richardson, Hastings, and Seward Green, Hillsdale. The plaques they received were pictures of the main door to Agricultural hall. Others named are William W. Teichman, Eau Claire; Ward B. Lindsay, Delton, and Walter Graebner, Saginaw.

Said Dean Anthony:

"When 25,000 farmers from all parts of the state brave snow, blizzard, and ice to spend a few days gaining new ideas, helpful in their farm problems, it is a significant sign that rural people are on the march for information.

"When these same farmers bring hundreds of samples of soil and feed with them to be analyzed, it is a more certain sign that farmers in Michigan appreciate the services of the Agricultural division and rely upon it for accurate assistance.

"When farmers more than 100,000 strong visit the campus during the year and spend countless hours in laboratories and demonstrations, it is again a sign of progress for the agriculture of Michigan.

"When some 30 per cent of the Short Course students now taking courses in agriculture are sons of doctors, lawyers, and bankers from the cities, it is a certain sign of the trend back to the land and an appreciation of the security which land affords.

"When more than 50 per cent of the farms in Michigan are wired or being wired for electrical labor saving and convenience devices, it is an indication that farm living in Michigan is keeping pace with city standards.

"When more than 1,000 farmers are voluntarily keeping farm records and cost accounts in cooperation with the college, it may well be said that farming has become a business and is assuming business methods.

"When agriculture ranks second as the major industry in a great industrial state like Michigan, it is evident that it is in a position of importance in the hearts and minds of the people of the state."

ture, business, labor and the consumer, and said they must "team" together to find real prosperity.

Ransom F. Aldrich, president of the Mississippi Farm bureau, came from Mississippi State, Miss., to plead for more cooperating in conducting federal farm

programs of production and marketing. If the south can live with an adequate income from its present agriculture, he prophesied greater markets for northern industry and less dangers of competition with northern dairy herds, poultry flocks and livestock production.

Dr. J. Preston Bradley, pastor of the People's church in Chicago, added inspiration with his talk on "The Challenge of Americanism". He sought constructive thought and action instead of the harmful effects of critical programs by groups and individuals.

H. S. Patton, head of the department of economics, offered his prediction on the effect of trade agreements on Michigan agriculture. He ventured that a Canadian pact offers benefits to Michigan above those of other states, because of proximity and earlier maturing here of fruits and vegetables.

Some of the thousands at Farmers' Week came to be entertained. Many came to compete for championships in livestock feeding and crops production. But by the scores and hundreds there were individuals who have had some problem in mind that they could bring along to the campus and get solved to some degree during Farmers' Week.

Interested In Summer School?

THE 1939 Summer Session of Michigan State college will convene from June 19 to July 28, according to S. E. Crowe, director. In addition to these six weeks, a three weeks' post session will be held from July 31 to August 18.

More than 300 courses in forty-five departments are being offered in six divisions. In addition to regular staff members teaching this summer, Professor Crowe recently announced the appointment of Dr. Meyer F. Ninkoff, professor of sociology at Bucknell university, Lewisburg, Pennsylvania. Professor Ninkoff, formerly director of the Institute of Family Guidance in Los Angeles, California, for five years, and special investigator for the White House conference on child health and protection, will teach "Family and Marriage," a new course on the campus this summer. Other visiting faculty appointments will be announced later.

Tuition fee for each student enrolled in the summer session is \$16 for the six weeks and \$7.50 for the post session. It is possible to finance six weeks on the campus for \$70, which includes board, room, and registration fees as well as incidentals.

If you are interested in the 1939 summer session, write for a complete schedule of courses to S. E. Crowe, Director of Summer Session.



The Applied Science division, directed by Dr. Huston, consists of ten departments in which students may specialize.

How Applied Science Has Grown

By Dr. R. C. Huston

Editor's Note: This is the fifth of a series of articles dealing with the six divisions of study at Michigan State college. In the next issue of the Record an article on the Liberal Arts division will be published.

Bacteriology and mathematics, although in other divisions, are available as majors for Applied Science students and, recently the biological science and physical science teaching majors have been introduced. In the department of zoology, the conservation series are offered and have been most successful in training men for various phases of conservation work.

The pre-medical and pre-dental curricula come under the Applied Science division. They cover requirements for entrance to medical and dental colleges as well as the required courses of this division. Upon satisfactory completion of the first year at medical or dental school, the student may submit his credentials to the registrar. If he has first accumulated 150 credits in residence at Michigan State college, he will be granted the bachelor of science degree.

When the division was first formed, it included major courses in economics, English history and political science. These were withdrawn when the Liberal Arts division was created in 1924-25.

In 1930-31, the departments of physical education for men and for women, organized in 1926 and 1927, respectively, were transferred from the Liberal Arts to the Applied Science division. These departments have 174 of the 920 students in the division. In the same year, physiology became a department in Applied Science, having transferred from the Veterinary Science division, and a new department, geology and geography, was formed. Previously, geology

was a part of the department of zoology.

The Police administration course was organized as a part of this division through the combined efforts of the college, the Michigan State police and the Michigan Crime commission. In 1935, thirty-nine students enrolled in the course. It has proved popular, despite the rigid restrictions of military and scholastic requirements. In the fall of 1938, 194 students registered.

One of the most colorful spots of the division is the W. K. Kellogg Bird Sanctuary located on Wintergreen Lake near Augusta, Michigan. This beautiful bird refuge was presented to the college in 1928 by W. K. Kellogg of Battle Creek. Here, every variety of Michigan bird may be seen, either as permanent residents or in the seasonal migrations. Many rare specimens have been introduced, and the sanctuary boasts the only pair of breeding Whooper Swans (Continued on page 15)

THE Applied Science division, organized in 1921, was the fifth division to be formed at Michigan State college. Since its beginning, with 159 students, it has grown normally and steadily until, the fall term of 1938, 920 were enrolled in its various departments.

Facilities for class and laboratory work have been enlarged and expanded with the growth of the division, and the personnel of the staff has grown from a faculty of forty, with nine graduate assistants, to seventy-seven professors and instructors and twenty-nine assistants.

The division consists of ten departments in which students may pursue work in their particular fields. Botany, chemistry, entomology, physics and the two physical education departments are housed in buildings used for the specific department. Physiology and pharmacology have their class and laboratory rooms in the Agricultural building. Geology and geography and zoology, last year, moved into the newly equipped Morrill hall. The Police administration course has its laboratory training at the Michigan State Police headquarters, where the students spend their time during the eighteen months training period.



In the chemical laboratory, as well as in others, students in the Applied Science division acquire skills in experimental procedures.

Close Beside The Winding Cedar



President Honored

President Robert S. Shaw was inducted recently into Blue Key, national honorary fraternity. He is one of few college presidents in the United States to be so honored. Besides President Shaw, twenty-nine men of this year's junior class who are outstanding in extra-curricular activities and scholarship have been initiated.

J-Hop

Henry Busse and his orchestra played for the J-Hop February 3 in the Lansing Masonic temple. Three hundred and fifty couples attended the dance, in charge of Dick Nahstoll, East Lansing liberal arts student. Committee chairmen were: William Masfield of South Haven and Ted Mackrell of New York City, banquet; Robert Baldwin of East Lansing and John Chambers of Middletown, New York, bands; Rebecca Lord of Owosso, favors; Ralph Bennett of Mt. Clemens, programs; Betty Robertson of Highland Park, reception; Marian Patch of East Lansing, publicity; James Kelly of St. Johns, decorations; Elmer White of Detroit, tickets; and William Smith of Muskegon, finance.

Senior Ball

Joe Ruhe of Allentown, Pa., president of the class of 1939, largest senior class in the history of Michigan State college, appointed Clarence Dennis of Ludington general chairman of the annual senior ball, March 10. Favors at the ball will be two enlargements of pictures taken of each couple by the State News photographers.

Outing Club

An outdoor sports program is the objective of the Outing club, recently organized by James A. Husted, forestry instructor. First of the activities was an all day snow train trip to Grayling, at-

tended by 275 students. Rebecca Lord, junior liberal arts student from Owosso, reigned as Michigan State's winter queen.

Miss Lord was chosen by a student popularity vote at the first annual Ice Follies and Queen's ball, sponsored by Alpha Phi Omega, national service honorary, and the Spartan Women's league. Her court was composed of Paula Zank of Manistee, Barbara Booth of Ferndale, Nancy Jane Brown of Pontiac, Mary Wessborg of Saginaw, Jane Shaw of Rapid City, and Ruth Stinson of Kingsley. Activities at Grayling included skiing, skating and tobogganing.

Music Fraternity

Alpha Epsilon Mu, local music fraternity, has become the Gamma Epsilon chapter of Phi Mu Alpha Sinfonia, national social and professional honorary music fraternity. Formal installation occurred at the home of Professor Lewis L. Richards, head of the music department. Arthur E. Westbrook, dean of the music school of Illinois Wesleyan, and governor of Sinfonia for the North-eastern provinces, presided at the ceremony, and the Beta Iota chapter of Albion college officiated.

National Honor

Vern Vandemark, junior farm crops major from Fairgrove, Michigan, was elected vice president of the American Society of Agronomy at the annual meeting in Chicago recently. Vandemark's election marks the first time a Michigan student has served as a national officer of the organization, a professional club designed to further interest in crops and soils.

Michigan State was represented at the meeting by four members of the crops judging team, Leyton Nelson of Highland Park, Clarence Genter of

Scotville, Wayne Figg of Dimondale and Thomas Thacker of LeRoy. The team placed first in the judging department and was awarded fourth place after competing in identification and market grading. Nelson was the top Michigan State man, placing first in the country in crop judging and fourth in the entire contest.

Pie Baking

Miss Barbara Allen, home economics freshman from East Lansing, represented the state of Michigan as cherry queen at the annual pie baking contest held in Chicago on Washington's birthday. A cash prize, \$100, and a plane trip to Washington to present the pie to the President were rewards for the winner. Those in second and third places also received cash awards. Miss Ruth Griswold, assistant in foods research in the home economics division, accompanied Miss Allen to Washington.

"Coffees"

Mortar Board, senior honorary for women, has originated a plan to help Michigan State students become acquainted with their instructors outside of the classroom. The organization is sponsoring "student-faculty coffees" in the lounge of the Union building, with different campus organizations participating.

Sorority Dinner

Four-hundred women, representing the eleven national sororities on the campus, attended the annual Panhellenic banquet held in the Union ballroom. Dorothy Pickett, of Detroit, president of the Panhellenic council and member of Alpha Omicron Pi sorority, was toastmistress. She presented the scholarship cup to the Alpha Chi Omega sorority, the group having the highest average during the preceding year.

Chancellor Burnett Retires

CHANCELLOR E. A. BURNETT, B. Sc., '87, and D. Sc., '17, head of the University of Nebraska for the past eleven years, and a member of its faculty for thirty-nine years, has retired at his own request from active leadership of one of the largest educational institutions in the country to become chancellor emeritus. Announcement of his immediate retirement at the age of 72 was made by the regents at the same time as their announcement of the appointment of Dr. C. S. Boucher of Morgantown, W. Va., as the new chancellor.

Chancellor Burnett informed the university board of regents several months ago of his desire to relinquish active leadership of the state university because of the increasing strain and demands of the position.

For more than a third of a century Chancellor Burnett has been associated with the University of Nebraska, and has been long a leader in the agricultural and educational life of Nebraska. Born in Hartland, Michigan, he was graduated from Michigan State college in 1887 and thirty years later received the honorary degree of doctor of science from the same institution. He received an honorary doctor of letters degree from Nebraska Wesleyan in 1933.

Before and after his graduation he taught in the rural schools of Michigan, and in 1889 became an assistant in agriculture in the college from which he was graduated. In 1894 he was manager of extensive farms in Canada, and in 1896 became professor of animal husbandry in the South Dakota State college. He came to the University of Nebraska from South Dakota in 1899, first as professor of animal husbandry in charge of farmers' institutes from 1899 to 1907.

In 1901 he was made associate dean of the Industrial college in charge of agricultural instruction and director of the experiment station. In the reorganization of colleges in 1909 he became the first dean of the college of agriculture, a position he held until 1928. In 1927 following Dr. Samuel Avery's retirement from the chancellorship, he was made acting chancellor of the University of Nebraska, a position he held until March 3, 1928, when he was made chancellor.

Under his administration of the college of agriculture the old university farm grew from a mere farm with a few inferior buildings to an impressive

With Class Of 1887, He Headed University Of Nebraska For Last Eleven Years

college with some ten large buildings. Coincident with the rise in scientific agriculture the comprehensive system of experiment stations throughout the state was developed.

His decade as chancellor of the state university were years filled with educational and financial problems due to depressions, drouth, and a changing conception of the value of education. During the difficult drouth and depres-



Dr. E. A. Burnett, '87

sion years, he labored and managed to keep the University of Nebraska in the fore as an institution of educational reputation. During the past several years he has been faced with the problem of an ever increasing student body, now the largest in the history of the school, with appropriations but little higher than 1933.

During his decade of administration the university took over the school of music and developed it into one of the academic schools of the university. To meet present conditions the graduate school of social work was inaugurated in 1937. The University of Nebraska foundation, to secure and administer gifts to the university, was the result of one of the chancellor's dreams.

Chancellor Burnett is a member of Sigma Xi, Phi Beta Kappa, Alpha Zeta, Gamma Sigma Delta, American Association for the Advancement of Science,

and Kiwanis club. He was president of the Association of Land Grant colleges from 1925 to 1926 and president of the National Association of State universities in 1937. He is a director of the Federal Land bank at Omaha. In 1919 he was a member of the faculty of the A. E. F. university at Beaune, France.

Dirks Visits New York Alumni

Dean H. B. Dirks, of the engineering division, accompanied Donald C. McSorley, '38, to the annual meeting of the American Society of Mechanical engineers early in December. After the convention Mr. McSorley received a \$25 award for the best paper submitted from students of all colleges in the country. Mr. McSorley wrote on "Vapor Transmission Through Building Materials."

While in New York Dean Dirks and Mr. McSorley met with a group of Michigan State alumni for luncheon at the Biltmore Transportation club.

Those present were: H. E. Aldrich, '14; William Burris, '33; Lt. L. K. Cleveland, '17; Mrs. Katherine Vedder Chapman, '16; Charles H. Hatch, '15; S. F. Hobbs, '17; M. G. Kains, '95; A. M. Miller, '10; B. D. Parker, '31; E. B. Peck, '07; E. R. Trangmar, '17; and E. M. Young, '15. Alfred Iddles, '12, was elected one of the vice presidents of the American Society of Mechanical Engineers during this conference.

Bessey, Hill, '15, Honored

Starting next fall, Dr. E. A. Bessey, head of the botany department and dean of the graduate school, will conduct classes in mycology and fungi at the University of Hawaii.

Dean Bessey was recently granted a year's leave of absence by the State Board of Agriculture to accept the invitation from the university. While on the island Dr. Bessey also plans to do research work in fungi.

Professor E. B. Hill, '15, head of the department of farm management, was granted a year's leave of absence, effective December 1, 1938, to accept a temporary appointment as head of the department of agricultural economics of the Insular Agricultural Experiment station of the University of Puerto Rico, at Rio Piedras. Mr. and Mrs. Hill arrived at their new post early last December.

Bob Linton . . .

Named Registrar; Graduated in 1916, Taught At Owosso, Then Joined Faculty Here

ROBERT S. LINTON, 16, is the new registrar at Michigan State college. He succeeds Elida Yakeley, who, at present, is completing a 30,000 mile journey around the world, a description of which appeared in the December issue of the Record.

Miss Yakeley, at her own request, was granted a six month's leave of absence early last fall by the State Board of Agriculture. It was also at her own request that she was relieved of her responsibility as college registrar. Professor Linton was her choice to carry on the duties of the office. Miss Yakeley will return to the campus in April, when she will continue her associations with Michigan State until she reaches her retirement age.

Professor Linton assumes his new responsibilities with much information about school communities in Michigan. For seven years during the winter term he traveled to almost every Michigan school having a department in vocational education. This he did to determine whether or not the school was eligible for financial aid from the Smith-Hughes federal fund. While visiting these schools, Registrar Linton became acquainted with principals and superintendents, members of Boards of Education, and leaders of community organizations who frequently call upon him to speak at banquets and luncheons.

"The information I gathered this way," says Mr. Linton, "is playing an important role now. When a student from Dowagiac or Cheboygan comes to my office to enroll I know his high school, his community, and I might even know some of his kin. I establish a personal contact with the student immediately, and that helps tremendously in getting the student started right. You see, each applicant for admission to the college is an individual case, and this office is interested in helping the new student to become properly adjusted to his new environment."

But Professor Linton has another reason for knowing Michigan well. He was born at Otsego and has been a resident of this state ever since. Following his graduation from college he taught at Owosso for eight years when he accepted a position as critic teacher in the department of education at Michigan State. In this position he also

assumed the role of vocational adviser to freshmen students.

In 1928 Mr. Linton became assistant professor of education, in 1931 he received his master's degree from the University of Michigan, and in 1936 he was promoted to associate professor of education. In August, 1937, he was appointed assistant registrar.

Registrar Linton spends much of his time out in the state talking to high school assemblies, parent teachers' associations, civic clubs, and Y organizations. He is considered an authority on vocational guidance and in that capacity he has turned down several more lucrative positions in preference to the position he now holds. "The reason," says Mr. Linton, "I am too happy in this kind of work, so why be concerned about something else."

Professor Linton is a member of the American Association of Collegiate Registrars, the National Education association, the American Vocation association, and a life member of the Michigan Association of Agricultural teachers.

Mr. and Mrs. Linton, daughter Lucile and son Robert live in their beautiful farm home four miles east of the campus on Highway M16, and two miles south.

Teach Practical Courses, Say Graduates

GRADUATES of the liberal arts division of Michigan State college since the granting of the first liberal arts degrees in 1925 are emphatic in their belief that more vocational and practical courses should be added to the college curriculum. This conclusion was reached recently by Dean L. C. Emmons after examining more than 600 returns from approximately 1800 questionnaires sent to all graduates of his division. It was based on the question: "Would you recommend more fundamental and cultural courses or more vocational and practical courses for inclusion in the curriculum?"

Sixty-eight per cent of the liberal arts and music graduates and 78 per cent of the hotel and business administration students recommended the addition of more vocational and practical courses to the curriculum. Twenty and 16 per cent of these groups, respectively, suggested more fundamental and cultural courses. Twelve and 6 per cent said the curriculum should not be changed. Answers leading to these facts are undoubtedly based on the graduate's conception of the curriculum when he was on the campus. Since that time many new courses have been added and many revisions made. In psychology alone at

one time only four courses were offered. Today more than twenty courses are offered in psychology and philosophy.

Other information was revealed in the survey designed to get information from the graduate on his present employment, initial work, relation of initial work to his college major, number of changes in employment, his income, and the need for curriculum changes.

Close relationships existed between curriculum improvement suggestions and the field of activity of the graduate. A graduate teaching French suggested courses in conversational French, a business administration graduate wanted more courses in salesmanship. However, many of those answering the questionnaire expressed a need for typing and shorthand and more guidance during their college careers. Both of these are receiving major consideration from the college administration.

Figures indicated there was a need for the college to be more active in its efforts to assist graduates to secure positions. Forty-five per cent of the liberal arts and music students and 54 per cent of the hotel and business administration students said their own efforts were responsible for their initial position. Thirty per cent and 20 per cent, respectively, said the college assisted, 22 per cent of both groups said friends were influential, and 3 and 4 per cent secured aid through other channels.

At present 41 per cent of the liberal arts and music students and 58 per cent of the hotel and business administration students would be willing to accept a better position. Of these same groups 37 per cent and 10 per cent, respectively, have done some graduate work in various colleges and universities.

Initial incomes and present incomes of the liberal arts and music students and hotel and business administration students revealed a remarkable similarity. Here is the summary based on averages:

Groups		LIBERAL ARTS & MUSIC		HOTEL & BUSINESS ADM.	
		Initial Salary	Present Salary	Initial Salary	Present Salary
1924-27	Men	1500	2915	1700	3250
	Women	1290	1750	—	—
1928-31	Men	1340	2536	1255	2200
	Women	1270	1510	1170	—
1932-35	Men	985	1768	1048	2060
	Women	910	1300	—	—
1936-now	Men	1210	1580	1230	1703
	Women	1000	1125	940	1055

Practically all women graduates of the business administration curricula, whether married or single, are employed, while only 27 per cent of the women graduates of the liberal arts-music curricula are working.



Workmen moved the historic maple, west, its own length to make room for the \$200,000 music building, now being constructed on the site of the old gym annex. Thomas Gunson, above, right, has followed the migrations of the tree since it was planted in 1878.

Historic Maple Moves Again

JOYCE KILMER exalted "Trees" in general, but college officials exalted them specifically when they venerated the historic old sugar maple which has shadowed the old gymnasium annex, now demolished, since 1901.

"As nearly as I can estimate," said Thomas Gunson, one man on the campus today who has followed the migrations of the old landmark since it first started its nomadic course, "the tree was planted about 1878 by W. W. Tracy, '67, who was grounds foreman then. It was one of a quadrangle set for protection around an acre of asparagus to the east of where the horticulture building now stands.

"That old tree has witnessed some of the most thrilling spectacular scenes in this college's history. All activities were centered around the old athletic field. Class brawls, football games, parades, snake dances, barbecues, all took place there. I particularly remember one freshman shinning to the top of the flagpole in an almost hurricane wind to retrieve a pot placed there by upperclassmen. The staff rocked

and swayed so violently people didn't dare to watch.

"We moved the tree the first time with two teams on a sledge, utilizing the snow for easier going. It was quite a feat then and an uncommon practice. We were not so conscious of the value of trees as we are today.

"The fact that the tree had been moved once before helped its cause when college officials recently were trying to decide its fate. The roots were mainly developed in a cluster of small tendrils instead of large roots.

"As it was necessary to move it only its own length, a trench was dug around the tree and another latitudinally to the new site. Jackscrews were used to break it loose, and then three tractors dragged the tree with its 20-foot disc of earth-encased roots to its new home.

"I am glad college officials put a premium on beauty and tradition. From a coldly economic standpoint the tree might well have been cut down. But the fact that it is so rich in historical value and has helped to make the campus the second most beautiful in the

country puts it beyond the pale of economic consideration."

BUT prior to the moving of the old maple, to provide ample space for the new music building, the gym annex was destroyed. In one day wreckers had almost demolished the structure that for over half a century had been one of the pivot points for men on the State campus. Walls toppled over, floors were ripped out, pillars which once adorned the swimming pool pointed to the open sky.

Ralph Young explored the piles of rubbish. From it he extracted three or four pieces of maple flooring to make a frame for a picture of the old building. Director Young moved toward one of the doors. With his foot he cleared a stone threshold which had grown old serving the feet of hurrying young men.

Across it had gone such alumni as Wilfred R. Vanderhoef, w'97, captain of State's first football team in 1896, Walt Brainard, '99, the halfback who succeeded him, Ellis W. Renney, '00, the all around star from Greenville, Albert H. Case, '02, from Short Hills, New Jersey. Later greats who crossed the same threshold were such men as George "Carp" Julian, '15, Jerry Da-Prato, '16, Leon Exelby, w'12, Leon (Bubbles) Hill, w'13, Gideon Smith, '16, the Miller Brothers, Blake, '16, and Hewitt, '16, Chet Gifford '14, Al Bibbins, '15, and many others.

A sheltered shrine for the worn threshold, symbol for the start of sports at the college, will be provided in the new \$750,000 fieldhouse and gymnasium, now in construction across the Red Cedar.

The old gymnasium housed not only the athletic teams, but the military department, athletic offices, equipment rooms and a barber shop, next door to the coaches' office.

Visiting basketball teams were handicapped on the court. They didn't know where to stand or how much arch to put on their shots to avoid a network of beams through which goals were made. "Red" Dickson, '09, perfected a trick that was the joy of the home crowd and a headache for the enemy. He overcame his lack of stature by being able to scramble up the steam pipes, beneath the baskets at each end, and dump the ball into the basket.

As George Alderton, director of athletic publicity, and author of the Miller of Grist, appearing daily in the Lansing State Journal, stated: "Maybe they will have more fun in the new place, but those who won their spurs in the demolished gym doubt it."

Undulant Fever Checked

WITH Michigan State college's recent undulant fever outbreak traced to the bacteriology building, college officials in their legislative requests are stressing the need for a new building and new equipment for the bacteriology department.

Forty persons, most of them students, were treated at the Michigan State college hospital during the outbreak, which developed shortly after Christmas vacation and which continued through February. Thirty patients are in the hospital recovering from undulant fever and one student, A. Arthur Goldberg, 22, of Newark, New Jersey, died of the disease on February 3.

State Department of Health investigators believe they have traced the outbreak to faulty plumbing and to a defective sterilizer in the bacteriology building.

Dr. Arthur Newitt, State Bureau of Epidemiology, said indications were that "inadequate" plumbing in the bacteriology building had permitted bacteria-infested water to be siphoned from an isolated basement laboratory to other parts of the building which students occupied. In the bacteriology building basement is the laboratory where Dr. I. F. Huddleson, '25, world authority on undulant fever, kept the world's largest supply of the disease cultures.

"The moral of the situation is," Doctor Newitt said, "that an old building was being used for a tremendously increased population and that the plumbing has been rearranged to accommodate the increased use."

The college already has taken steps to prevent a recurrence of the undulant fever infection in the bacteriology building.

"The college will continue to cooperate with the State Department of health," Dean Ward Giltner, bacteriology department head, said, "until every clue has been investigated and every source of danger removed."

Previously listed in fourth place in the Michigan State college building requests submitted to the State Legislature, the proposed bacteriology building is now listed in third place, preceded only by requests for money for power plant additions and for new WKAR transmission equipment.

The proposed Bacteriology and Animal Disease Research building and

equipment, if constructed and furnished according to present plans, will cost \$400,000.

Allen, '24, Studies In England

Paul H. Allen, '24, sailed on the Aquitania for England on February 4 where he will be associated with Professor Hanley of Kings college, the University of Durham at Newcastle-on-Tyne.

For fourteen years Mr. Allen has been the county agricultural agent in Sullivan county, New York. He was granted a year's sabbatical leave to do research in Grassland management. He also intends to study experimental stations in England and to spend some time with county farm advisers to learn how they handle their county work.

On his trip to England, Mr. Allen will be accompanied by his wife, his three-year old daughter and nine-year old son. They will return to Sullivan county on August 1.

Says Mr. Allen: "If any Michigan State people are in the vicinity during the next few months, I will be glad to have them call on me."

Jenison Leaves \$125,000 Estate To Michigan State

AS the forms for the February issue of of the Record were being closed, word came to Secretary Hannah's office that Fred C. Jenison, w'07, who died February 12, had willed his entire estate, valued at \$125,000, to Michigan State college.

According to Mr. Jenison's will, all of his property, real and personal, goes to the college "to be used to the best advantage of the college as the State Board of Agriculture may see fit." Mr. Hannah is named executor of the will.

The State Board will take no immediate action concerning the estate, as it will probably take some time before it is liquidated.

Two aunts, Mrs. Helen Dravenstadt

Fritz Kreisler

Five famous concert artists and a Russian ballet will appear on the Michigan State college concert course next season, Lewis L. Richards, music department director, announced recently.

The course will be opened in late October by Fritz Kreisler, celebrated violinist, followed in November by a joint vocal recital by Elizabeth Rethberg and Ezio Pinza, both stars of the New York Metropolitan opera.

In December, Arthur Schnabel, well known pianist, will appear as soloist with the Michigan State college symphony orchestra, under the direction of Alexander Schuster. Mr. Schnabel also will appear in a piano recital following his program with the college symphony. This same procedure will be followed by Emanuel Feuermann, distinguished cellist, when he appears in East Lansing in February.

The Russian ballet, an internationally known organization which travels with its own symphony orchestra and whose cast totals more than 100 members, will be presented in March.

The sixth and final concert of the 1939-40 season will be given by the Michigan State college symphony orchestra. Announcing the 1939-40 concert course to be given on the Michigan State college campus, Director Richards explained that for the first time the concerts will be open not only to students and faculty members but that a limited number of seats will be available to the general public.

of Eagle, and Miss Lizzie Cowles of Santa Monica, California, filed petition to probate the will. They estimated the real property at \$75,000 and personal property at \$50,000. The probate court named Esther and Ruth Tuttle, Lansing attorneys, as temporary administrators to carry on the business of the estate until it is turned over to the executor.

Mr. Jenison, a student at Michigan State college for three years, remained a life long enthusiastic follower of Michigan State's athletic and educational program. While a student he was a member of the Eclectic society.

He operated an insurance company under his own name, Fred C. Jenison Insurance agency, with offices in the Hollister building, Lansing.

It's Editor Smith Now

**After Retiring From Extension He Becomes
Associated With 4-H Club Magazine**

DR. CLARENCE B. SMITH, '94, who retired last fall as assistant director of extension and chief of the Office of Cooperative Extension work, United States Department of Agriculture, has recently been appointed one of the editors of 4-H Horizons, a magazine for 4-H Club work.

Dr. Smith spent forty-two years in the department, thirty of which were spent in extension. He received his B. S. degree in 1894 from Michigan State college, his M. S. in 1895, and his Ph. D. in 1917.

During his forty-two years with the Department of Agriculture Dr. Smith witnessed the fulfillment of many of his ambitions for the Cooperative Extension service. When he retired last fall, he left in Washington a splendid record of accomplishment to which extension workers and farm people generally will be the beneficiaries.

Editor Smith began life in Michigan in a two-room log cabin in 1870. When he was twelve years old his father took a homestead in northern Michigan where a little gardening was done in addition to fishing, trapping, picking berries and working as opportunity offered in the lumber woods.

After earning enough money in this manner he went to Port Huron to attend a six-months business college course. This was followed with a book-keeping job in a grocery store, then high school, and at the age of nineteen he started for the State Agricultural college (now Michigan State) where he worked his way through and got a job after graduation as principal of the high school at Lawton, Michigan.

Before completing the year he was appointed accountant in the Department of Agriculture, office of Experiment stations. Working there for two years he was given a furlough for a year to study agriculture in Germany. While in Germany he was appointed horticultural editor on the Experiment Station Record, with the Department of Agriculture, a position he held from

1899 to 1907, when he transferred to the Office of Farm Management.

While working here he began extension work in Farm Management Field Studies and Demonstrations. Extension work was started in the northern and western states on the County Agent plan. When this work was reorganized after the passage of the Cooperative Agricultural Extension Act of 1914 Dr. Smith became chief of the Office of Cooperative Extension work, North and West, of the States Relations service.

When the States Relations service in 1923 was reorganized Dr. Smith became chief of the Office of Cooperative Extension work for the whole country, and in 1932 was appointed assistant director of extension, the position he held at the time of his retirement, October 31, 1938.

Dr. Smith has received many honors for his distinguished service. In 1934 he was awarded the Distinguished Service Ruby by Epsilon Sigma Phi, honorary extension fraternity, and in 1937 he was given the award of the Silver Buffalo for distinguished service to boyhood by the Boy Scouts of America. He is co-author of the "Farmers Cyclopedic of Agriculture," the "Farmers Cyclopedic of Livestock" and "The Agricultural Extension System in the United States." In addition he is the author of many Government bulletins and reports of farm management and extension.

In the December issue of the Extension Service Review many articles appeared about Dr. Smith's retirement from active service. One article, particularly, came from C. B. Smith, who



Editor C. B. Smith

comments informally on "Turning the Page."

Says Dr. Smith: "In our thirty years of extension, we have seen a new educational agency, concerned with the affairs of rural life, take root and develop to a state where but few matters affecting rural life are projected these days without taking this agency into account and seeking its cooperation. Extension is a new type of public teaching in this country. It is not out of books or lectures but is based on situations as they are on the farm, in the home, in the market place, and in the social and community life of rural people."

Editor and Mrs. Smith, '02, plan to spend summers on their farm at Atlanta, Michigan, and winters in Washington, D. C. Members of their family who were graduated from Michigan State are: Helen Irene, '28, home demonstration agent in Maryland; Beaman, '29, county agricultural agent in Massachusetts, who plans to manage the Smith farm at Atlanta after April 1; and June, '36, who is Mrs. Robert Hunt and living in Lansing.

Highlights Of Spartan Sports

By George Alderton



A tense moment on the Spartan basketball court. Butler, from Indiana, provides the thrilling competition, but State lost 33-37.

THE old school has enjoyed indoor sports seasons that have returned more victories than the present one is returning. The Spartans are experiencing a rather hard winter, with the swimming team failing to win its meets, the track squad swamped in its first dual meets and the wrestlers finding the road very rough.

However, the basketball team and the fencers have helped brighten the faces of those about the gymnasium. It may be that there is reason for the tendency to lose this year. Razing of the gymnasium annex, the "gym" to many of you old timers, to make room for the construction of the new music center, resulted in packing more classes into a gymnasium that was already bursting at the seams. There was scarcely room for the teams to work out in practice.

But across the Red Cedar there's activity that presages brighter chapters in State's sports history. Work has started on the new \$750,000 men's gymnasium-fieldhouse. They are putting in the basement, and it won't be long before the mammoth structure will begin to take form. Training hardships and a few defects can be overlooked in view of what is coming.

Basketball

The basketball team has been one of those tough luck outfits. Of the first fifteen games on the schedule, Coach Ben Van Alstyne's boys won nine and lost six. No defeat was by a larger margin than seven points, one was by five points, another by four, two by a pair and one was decided by one point.

It was the Spartans' lot to lose some close ones. Just a bit better break in luck, and the team easily could have been one of the school's best in history.

State started fast, beating Kalamazoo, 36-26. Then lost to Michigan, 34-41, rallied to beat Oberlin, 58-23, and trounced a touted Penn State team, 35-21. Indiana over-powered the Spartans, 33-37, and Loyola took them in an overtime game, 44-46. Back they came to beat Central State teachers, 29-25, and Western Reserve, 36-21.

On the road they lost to Butler, 33-34, but then beat Tennessee, 35-31. They avenged that Butler defeat in a return game, 39-29, before losing another heart-breaker to Wisconsin, 37-39. Came the Michigan game and a 6,500 crowd. State, tired and having poor luck on shooting, lost again, 25-30. Then they beat an old rival in Marquette, 35-29, and topped Temple in overtime, 29-25.

In Chester Aubuchon, Max Hindman, Bob Phillips, and Bob Morris, Coach Van Alstyne brought up four sophomores to help the veterans. Marty Hutt is the leading scorer. Aubuchon, a guard, is regarded as one of the best basketball players ever to play a sophomore year.

Swimming

Ineligibility hit the swimmers hard this year. Coach Russell Daubert had only a skeleton squad, headed by Capt. Gilbert Ziegenfuss to enter the schedule. The team lost to Kenyon, Cincinnati, Michigan and Ohio Wesleyan in quick succession. Daubert has some hopes. His freshman team beat his varsity by a 2 to 1 margin and has broken virtually all the freshman as well as the varsity records.

Wrestling

The wrestlers opened with a victory over Wheaton college, then bowed to strong teams from Kent State and Ohio State. Coach Fendley Collins' grapplers bounced back to beat Wisconsin and Northwestern in successive days and are regarded as one of his better teams. Sophomores, like Bennie Riggs, Loyd Russell and Charley Hutson, from Oklahoma; and Bill Martin, from Virginia,

have given the team a nucleus of talent that promises strength for the future. Leading the team is Capt. Steve Slezak, from Amsterdam, N. Y.

Track

Coach Ralph H. Young lost a lot of track strength through graduation last June and does not expect to have power equal to the championship outfit of last year. Co-Capt Wilbur Greer, best sprinter in the midwest, is a standout who will be heard from. Dick Frey, distances, also is up to his usual form. But it is pretty much a matter of development for many weeks to come.

Fencing

The fencers, under a new coach this year, have won four and lost two meets. Coach Charles R. Schmitter, who once fenced for Detroit and is recognized as a midwestern expert, has given the team poise and finesse.



Joseph F. Holsinger

Former Bachman associate, Holsinger succeeds Miles Casteel who left State February 19 to become head coach at the University of Arizona.



Mike Casteel Goes West

NEWS developments came fast and furious in the athletic department in mid-term when Miles W. (Mike) Casteel, here fifteen years as backfield coach and head scout, announced he was accepting the position of head coach at the University of Arizona.

Mike's decision was lamented and praised in the same breath. All were sorry to see him leave the campus where he had entrenched himself as a successful coach and friend to all. Everybody also was happy that he was stepping out to have a fling as a head coach. He left Feb. 19.

Named to succeed him was Joseph F. Holsinger, coach at Dayton (Ohio) University, who played under coach Charley Bachman at Kansas State three years and was his backfield coach and scout at Florida for five years. Holsinger served under Dr. C. W. Spears, at Wisconsin. He is regarded as a highly efficient replacement.

Casteel also left a vacancy in the track department where he had served as Coach Ralph Young's aide and this job had not been filled when this was written. Alton S. Kircher, '34, the most recent athlete to win major letters in three sports at State, successful coach at Marquette high school, was named to the staff to assume the job of full-

time assistant in basketball, baseball and football, starting next September 1.

Central Michigan alumni club, led by President Lee O. Benner, '12, sponsored a testimonial dinner for Casteel at which more than 100 were present. Among other honors tendered to Mike was an honorary life membership to the alumni association by Secretary Glen O. Stewart.

How Applied Science Has Grown

(Continued from page 7)
in the country. The college Summer School of Biology is held there, and is proving to be a most desirable and enjoyable course.

In popularity with visitors, the Beal Botanical garden vies with the Sanctuary. From early spring to late autumn, throngs of visitors wander about the gardens, some to enjoy their beauty and artistry and others for the excellent advantages offered for the study of plant life. Started in 1877 by Professor W. J. Beal, with only wild plants native to Michigan, it now includes specimens from foreign countries as well as from many parts of North America.

The first dean of the division was Dr. Frank C. Kedzie, who served until October 20, 1927, when Dr. E. A. Bessey was made acting dean, a position he held until he was made dean of the Graduate School, April 4, 1930. The present incumbent has served since that time.

Graduates from the Applied Science division are found in varied branches of endeavor and are scattered to far-reaching points. Many are in research laboratories, some are technicians, while others are connected with chemical concerns in sales, personnel, secretarial and other capacities. With a major and two teaching minors and the required education courses, a large number of science students have chosen the field of teaching. Physical education majors are prepared for and are filling teaching, coaching and recreational positions.

The individual departments encourage interest and progress among the students with the organization of honorary societies. The staff members are urged to continue study in their particular fields and, as a result, a goodly number of textbooks and manuals by Michigan State men are used on the campus and elsewhere. Scientific magazines carry frequent articles by faculty members of the division. The national meetings in the different fields always call representatives of the staff, who contribute with articles and discussions.

Sportscripts

Miles W. (Mike) Casteel, assistant football coach at Michigan State college, is going to the University of Arizona as head coach, but the old pair of football pants that superstition has dictated he had to wear here for the last five seasons will not make the trip.

"I've been trying to get rid of those pants for two years," Mike announced shortly after he accepted the Arizona post, "and now out they go. It's a new start at Arizona for me and I don't propose to have any superstitious hangovers".

It costs Michigan State college students less than a dime to see any athletic event on the winter term calendar. There are thirty-nine attractions on the schedule and the student pays \$3.60 for his season ticket, amounting to nine cents plus, each event.

Michigan State college basketball players are in the movies at last. Use of a highly sensitive film has enabled the college photographic department to take pictures of court games just as they do of the football games out-of-doors. The pictures will be used for object lessons in coaching courses and for showing at banquets. The game with the University of Michigan played recently was the first one to be filmed. It was necessary to erect a crow's nest in the rafters to enable the picture men to take in all the floor.

Crack of the bat and thud of ball in mit help to provide a spring-like atmosphere in Demonstration hall these days as the Michigan State college baseball squad stretches legs and arms in yearly practice. With the removal of the basketball court from the big hall, Coach John Kobs and his squad have deserted the narrow confines of the batting cage for more generous quarters.

Loss of Glenn Rankin, star pitcher, who signed a contract with the Cleveland Indians a couple weeks ago, has scrambled the baseball picture for Coach Kobs. He was banking on the junior right hander leading the mound staff in even more effective fashion than he did as a sophomore last year. Now that he is definitely lost to the team, Kobs is concentrating his attention on Ray Dahlstrom as his No. 1 flinger. Dahlstrom made the grade as a regular with Rankin last year but did not attain his effectiveness.

With Alumni Clubs

By Glen O. Stewart, '17

Grand Rapids

ON THURSDAY afternoon, December 29, members of the Alumnae league joined with the undergraduates at the East Congregational church parlors for an afternoon tea. A silver center piece and silver tapers decorated the beautiful tea table at which Mrs. Raymond W. Starr, '10, wife of the attorney general, presided for the alumnae, and Miss Gertrude Brummelhoff, '39, president of Spartan Women's league, represented the co-eds.

District 27

An organization meeting of M. S. C. alumni of the 27th senatorial district was held in the Y. M. C. A. building in Cadillac, Monday evening, January 23, with Alumni Secretary Stewart in charge. More than 40 people drove from various parts of the district with Don Jewell, '01, and wife, assuming travel honors with a 140-mile ride. After explaining the new district organization plan and showing several reels of colored campus movies, Mr. Stewart assisted with the election of district officers. Those named were: George Mills, '20, of Cadillac, district governor; Delmar Zimmerman, '27, of Traverse City, N. F. Yonkman, '18, and J. C. Derr, of Cadillac, lieutenant governors, and Miss Marion Yearnd, '36, district secretary-treasurer.

Buffalo

Alumni in Buffalo will hold their annual dinner at 6:30, Thursday evening, March 16, at Hotel Touraine. For tickets, priced at \$1.25 a person, call Art Koesler, '14, at the Sale Lithograph Co., 208 Washington street. Coach Bachman and Secretary Stewart will speak.

District 28

Mrs. Louise Hubbard Hamann, '19, newly elected secretary of District 28, sends the following account of the Michigan State meeting held at the West Branch Country club on January 25:

"The M. S. C. dinner meeting, January 25, was a delightful surprise to all of us because we had 47 alumni and guests present to greet Glen O. Stewart, alumni secretary, even though the thermometer registered 14 degrees below in West Branch last night.

"After the dinner Mr. Stewart spoke on the new alumni district organizations and discussed at length the new building program. Later in the evening motion pictures of the homecoming game with Syracuse were shown.

"During a brief business session the following officers were elected: L. H. "Dusty" Rhodes, '34, West Branch, district governor, Elmer F. Kunze, '17, East Tawas, James Gorsline, '21, Standish, and Mrs. Janice Zeppell, '17, West Branch, lieutenant governors, and Mrs. Louise Hubbard Hamann, '19, Mio, as secretary-treasurer. The officers are compiling a new mailing list of graduates and former students now residing in Crawford, Oscoda, Alcona, Iosco, Ogemaw, Clare, Roscommon, Arenac, Gladwin and Osceola counties. Members will be asked soon to serve on committees."

District 29

Sharing honors with the Winter Sports carnival in Alpena was the big Michigan State dinner-dance held at the Twin Acres club on Thursday night, January 26. Approximately 40 alumni attended. After a review of alumni projects, building program of the campus, legislative requests, officers were elected. They are: Wm. C. Boman, '20, district governor, A. M. Hopperstead, '20, and Wm. B. Blanchard, '18, lieutenant governors, and Mrs. Margaret Hubbard Bell, '29, secretary-treasurer. Movies and dancing followed the dinner and program.

Washington, D. C.

One of the oldest alumni clubs in service to the college is the Washington, D. C., Chapter of the Alumni association. According to George R. Phillips, '22, vice president, the group held its annual dinner at the Shoreham hotel in Washington, on Thursday evening, February 23. John Hannah, secretary of the college, was the guest speaker. Mrs. Blanche Clark Lewton, '12, presided as president of the club, while John T. Sinclair, '33, secretary-treasurer, handled news releases, notices to club members and assisted in compiling an up-to-date directory of all alumni in the Washington area.

Pittsburgh, Pa.

More than 35 alumni and guests gathered at the William Penn hotel in Pittsburgh on Sunday evening, January 8, to meet with Secretary Stewart and

to renew old friendships. Carman Miller, '26, was re-elected president of the club, Mrs. Kay Blake Squire, '35, vice president, and Mrs. Vera Foster Cavanaugh, '18, secretary-treasurer. Mr. Stewart showed colored movies of the campus and part of the homecoming football game with Syracuse.

Jackson Club

During the past month a mail ballot was conducted for the Jackson county alumni group with Harold Plumb, '21, acting as chairman of the nominating committee. Nearly 80 per cent of the ballots were returned and Harry Williamson, '04, was elected president to succeed Jay Prescott, '28. Carl M. Waltz, '24, was named vice president, and Mrs. Virginia McAndrews was re-elected secretary-treasurer.

Flint League

On Thursday evening, January 19, 40 members of the Flint Alumnae league heard Bob Linton, '16, give his first public talk to an alumni group after officially being named as the second registrar of the college. He outlined in detail the duties of the new office.

Appearing on the same program was Miss Mabel Petersen, '32, assistant to the dean of women, who discussed housing problems of women students and told of the many contacts made annually with undergraduates. Miss Charmion Griswold, '33, president of the league, introduced the speakers.

Chicago Club

At a stag meeting of the Chicago club held at the Sherman hotel in Chicago on January 13, definite plans were completed for an unusual formal dinner-dance to be held Saturday evening, April 1, in the Bal Tabarin Club rooms of the Hotel Sherman. According to Art V. Mooney, '18, president, special committees are at work planning for one of the biggest alumni evenings ever staged by the M. S. C. club of Chicago.

Ticket reservations must be made in advance, and as soon as notices are mailed everyone expecting to attend should write to one of the following: Art Mooney, 175 W. Jackson boulevard, Chicago; James G. Hayden, '30, National Safety Council, 20 N. Wacker drive; Jerry Lage, '31, Harris Trust and Savings Bank, 115 W. Monroe, or John C. Schafer, '37, Hotel Sherman. Undergraduates and their guests home for Easter vacation, will attend as they did last year, and many alumni will have as their guests high school seniors who anticipate enrolling in the college next fall. Coach Charles Bachman and Glen O. Stewart have been invited to attend the meeting.

Today Among the Alumni



By
Gladys
M.
Franks, '27

Alumni Recorder

Patriarchs

An oil portrait of **Rolla C. Carpenter**, '73, late professor of Experimental engineering at Cornell, was presented recently to the Cornell College of Engineering by the Society of Engineers. The portrait is the work of Professor **Olaf Brauner** of the College of Architecture and father of E. B. Brauner, instructor in art at Michigan State college.

William O. Fritz, '77, died at his home in Los Angeles on January 15.

Mr. Fritz was engaged in the orange growing business in Pomona Valley from 1907 to 1921. While there he was active in the Laremont Citrus association, Pomona Fruit Growers association, Kingsley Tract Water company, and the Pomological club.

He was born in Ohio in 1852. After graduating from college, at one time, he was foreman of the Purdue University Experimental Farm. In 1907, he went to Pomona staying there until 1921 when he established residence in Berkeley and Los Angeles.

Mr. Fritz is survived by his widow, Mrs. Elizabeth Fritz, and one daughter, Mary A. Fritz, in Los Angeles.

1881

Dr. Amos W. Troupe, for more than fifty years surgeon for the Cotton Belt railway, was killed November 21, 1938, when struck by an automobile in front of his home in Pine Bluff, Arkansas. Dr. Troupe was graduated from Rush Medical college in Chicago in 1884, and became identified with the Cotton Belt railway as surgeon in 1888. At the time of his death he was the oldest surgeon in service and in years in railroad work in the southwest. He carried on a general practice in Pine Bluff in addition to his work with the railroad. Dr. Troupe long had been a leader in the activities of the Republican party in his community, was president of the Jefferson County Medical society, was a member of the Masonic lodge, the Knights Templar, and the Sahara Shrine temple. He is survived by a son, Charles A. Troupe.

1889

Howard E. Weed, of Beaverton, Oregon, has published a new edition of his work on cemeteries, "MODERN PARK CEMETERIES," which was published more than thirty years ago and is still the one guide in the laying out and management of all the larger cemeteries of the country. It is in all public libraries as well as in the office of every large cemetery. His other work, "SPRAYING FOR PROFIT," is also in the public libraries. It was published in eighteen editions, ninety thousand copies.

1890

Mrs. Etta Conkling Dewey, wife of **Lyster H. Dewey**, '88, died at her home in Washington, D. C., on December 2, 1938. Coming to the college in 1889 as a bride, Mrs. Dewey organized and conducted a school for faculty children in addition to her classroom work as a special student.

She went with her husband to Washington, D. C., the following year and in the nearly half a century of residence in that city was very active in church, club, and welfare work. Mr. Dewey and a daughter survive.

1893

Word has been received of the death of **Quincy E. Gwynne**, which occurred in Stockton, California, on October 2, 1938.

1896

Colonel W. W. Taylor has moved from Washington, D. C., to Palo Alto, California, where he lives at 1801 Waverly street.

1903

Henry T. McGaughan is a partner in the firm, McGaughan & Ransom, registered civil and consulting engineers, with offices at 122 Lincoln avenue, Pontiac, Michigan. Mr. McGaughan has just completed a term of service as register of deeds.

1905

Roy H. Holmes is assistant professor of sociology at the University of Michigan, and lives in Ann Arbor at 706 Monroe street.

1906

Edward D. Foster, of 2059 Holmes road, Ypsilanti, Michigan, is serving his eighteenth year as supervisor of Ypsilanti township, is secretary-treasurer of the Ypsilanti Farm Bureau association, and a vice president and past president of the local Rotary club.

William E. Wilson is employed as an engineer-draftsman at the Webster Manufacturing company in Tiffin, Ohio, where he lives at 5 Madison street.

1907

Bert J. Manahan is general manager of the Pontiac Nursery company of Romeo, Michigan.

Neal C. Perry, of 1030 Elizabeth street, Fresno, California, teaches social studies in Edison high school, one of the four high schools in the Fresno system. He received his master's degree in education from the University of Southern California last June.

1911

Clare L. Brackett is president and manager of the National Machine Products company located at 4850 Bellevue avenue, Detroit.

1912

Alfred Iddles was elected to the vice presidency

of the American Society of Mechanical Engineers at their meeting held recently in New York City.

Earl L. Hueber is sales representative in Ann Arbor for the Shell Petroleum corporation, and lives at 2109 Charlton street.

1913

Howard Hewitt was recently transferred to Sand Lake, Michigan, as Smith-Hughes instructor.

1914

Archie B. Branch is a government engineer on the construction of a sewage disposal plant in Detroit, and lives in Royal Oak at 1007 W. First street.

Oliver C. Cobb is a science teacher in the Roosevelt high school in Chicago where he lives at 4884 N. Hermitage.

R. H. Davison, district manager for Kelvinator, lives in Buffalo, New York, at 226 Highland avenue.

Clare S. McArdle is vice president and sales manager for the Missouri Portland Cement company in St. Louis. He lives in Clayton, Missouri, at 612 S. Meramec.

Will L. Mason, of 11 Bellgrove drive, Montclair, New Jersey, is eastern district manager of the tar and chemical division of Koppers company.

Charles L. Merwin is a partner in Merwin Brothers, railroad contractors in Detroit, where he lives at 4082 Pasadena avenue.

1916

Floyd A. Carlson is director of parks and city plan engineer in Kenosha, Wisconsin, with offices in the City Hall.

James L. Morse writes from 1210 Ogden street, Denver, Colorado: "I hope that I may have a chance to go east next summer and include East Lansing in my itinerary. I was on the campus a short time in the summer of '27 and I noted several changes at that time which are very small compared to the expansion which is now going on, and yet they were not so small at that time. I have been out of the teaching game for a few years and at present I am with the Bureau of Reclamation here in Denver. My work is concerned with the design of mechanical appurtenances for big dams and the work is very interesting and also very exacting. Not long ago I had the job of estimating the steel and laying out the design of a big trashrack for a dam to protect the turbines from floating debris. This structure was over 600 feet long by 60 feet in height and required a fair sized trainload of steel for its construction. One of the small items in its makeup was four tons of bolts to fasten the different parts together."

1919

Dr. Emerson J. Lindsay died at his home in Walled Lake, Michigan, on Christmas eve, 1938, following a long illness. Following his graduation from the college, Dr. Lindsay was employed as a bacteriologist for Parke, Davis and Company in Detroit. He received his doctor of medicine degree from Detroit College of Medicine, and established his practice in Walled Lake. Mrs. Lindsay and two sisters survive.

1921

Howard N. Chapel is the proprietor of a landscape business bearing his own name and located at 159 Worth street, Birmingham, Michigan.

William J. Clench is curator of mollusks at the museum of comparative zoology at Harvard university. He lives in Dorchester, Massachusetts, at 67 Ocean street.

Ernestine E. Latimer is dietitian at the Roosevelt hospital, West 59th street, New York City.

1922

Russell Palmer and Agnes Tyrell were married November 8, 1938, and are living in Detroit at 4701 Buckingham.

1924

H. W. Jennings is employed by J. S. Watkins, consulting engineer of Lexington, Kentucky, where he lives at 152 Arcadia Park North.

Edward and Dorothy Hubbard Laird announce the birth of Donald Tracy on November 10. His brother, Teddy, is eight years old, and they live at 363 George street, Birmingham, Michigan.

Francis Beeman is located in Chicago as field engineer for the American Bridge company. His address is 6324 Kimbark avenue.

Lila M. Koch manages a school cafeteria in Grand Rapids where she lives at 2426 Paris avenue S. E.

1926

Charles R. Myers, field engineer for the Portland Cement association, lives in Detroit at 5999 Yorkshire.

Dr. Edwin H. Place is director of the Midland County Health department, with headquarters in the Court House in Midland, Michigan.

1927

Charles E. Abbott, who received his M.S. in 1927, is a professor in the college of agriculture of the University of Florida at Gainesville.

Mr. and Mrs. Harlow H. Hall, of 3321 Third street North, Arlington, Virginia, announce the birth of a daughter, Janet Anne, on November 5, 1938. Mr. Hall is associate bacteriologist for the U. S. Department of Agriculture in Washington.

Gerald V. Jakeway is chief engineer for the Keeler Brass company in Grand Rapids and lives at 927 Ardmore S. E.

Genevieve Johnston is taking a year's vacation from teaching, and on November 16 sailed from California for the Orient. She expected to visit the Dutch East Indies, the Philippine Islands, and some parts of China, returning to Lansing the latter part of February.

Georgia Lightfoot is studying at Teachers college, Columbia university, for her Ph.D in psychology. She may be reached in New York at 105 Morningside drive.

Andrew M. Rozell is plant superintendent for the Arctic Dairy Products company in Lansing.

1929

Margaret Allen Rea is opening an art course in the rural agricultural school in Beaverton, Michigan. After a year in the commercial art



Dr. Mumford and Grandson

At the University of Illinois Farm and Home week a life-sized portrait of the late Dr. Herbert W. Mumford, '91, and dean of the university college of agriculture until the time of his death last May, was unveiled by Dean Mumford's only grandson, Robert Raymond Kimball, Jr., 4-year-old son of R. R. and Virginia Mumford Kimball, Wheaton, Illinois.

The memorial was presented by Dean and Director J. C. Blair, of the university, and accepted by President A. C. Willard. The portrait hangs in the east gallery of the architecture building at the University of Illinois. The July, 1938 Record, carried a story on the death of Dr. Mumford due to an automobile accident.

field Mrs. Rea was offered a position in the newly established fine arts course in the Hillman (Michigan) school system. In 1937 her pupils won second prizes in the poster contest sponsored by the Northern Michigan Potato Growers association, and the following year had some of their work reproduced in the December issue of the School Arts magazine.

Lowell Blackall is traffic manager for the Corduroy Rubber company of Grand Rapids where he lives at 502 Paris avenue N. E.

Ray F. Bower is located in Emporia, Virginia, as a forester for the Johns-Manville company.

Edward H. Gilbert is a construction engineer for the Ohio division of forestry, and lives at 325 N. Adams street, Loudonville.

Leonard J. Johnson lives in Menominee, Michigan, where he is construction superintendent for the Central West Coal company and Limestone Products company.

Lucy E. Jones is employed by the Farm Security administration in Cadillac, Michigan, as home management supervisor.

John Kelly and Monica McConnell (Central State Teachers college) were married in St. Henrys church in Rosebush, Michigan, on December 28, and are making their home in Manistique at 213 Arbutus street.

George W. Macier is engaged in sales promotion work for the Cities Service Oil company. He lives at 111 Highland avenue, Highland Park, Michigan.

Keith D. Morford teaches in the high school in Big Rapids, Michigan, where he lives at 110 Spring street.

Jay Parkhurst is maintenance engineer for the Michigan-Toledo Pipe Line company in Mt. Pleasant, Michigan.

Philip O. Ripley, who received his M.S. in 1929, is chief assistant in the field husbandry division at the Central Experimental farm in Ottawa, Canada.

1930

John E. Baird is employed as an electrical engineer with the Iowa Power company in Sigourney, Iowa.

Nathan R. Brewer is a professor of veterinary physiology at Middlesex university in Waltham, Massachusetts.

G. Thane Brownell is located in Marshall, Michigan, as chief engineer for the Electro Safety Fence company.

Allen A. Gutekunst is a chemist for the Brown Lipe Chapin company, a division of General Motors, located at 100 Marcellous street, Syracuse, New York.

As Mrs. Erwin G. Greer of Drayton Plains, Michigan, the former Catherine Hallock is putting into practice what she has been preaching as home demonstration agent the past few years.

Merrill G. Marshall is switch and substation engineer for the James R. Kearney corporation of 4224 Clayton avenue, St. Louis, Missouri.

O. F. Ravell is eastern sales manager for Wall-Colmonoy corporation, 558 West 54th street, New York city.

Elmer J. Roossien, of 1724 Martin street S. E., Grand Rapids, is chief draftsman for the Keeler Brass company of that city.

Max J. Scharf is located in Saginaw, Michigan, as chemist for the city water plant. His residence address is 1136 Howard street.

1931

George A. Granger is city manager of Grayling, Michigan's winter sports capital.

Henry Kowalk recently became director of the city health laboratory in Flint, where he and Mrs. Kowalk (Katherine Otwell, w'35) live at 2832 Mackin road.

Robert B. McCall is located in Lansing as assistant to the state director of W.P.A. operations. His residence address is 923 Cawood street.

Harold J. McGarvey is development engineer for the Colonial Radio corporation of Buffalo, where he lives at 190 Springville.

W. E. Millard is located in Marquette, Michigan, where he has charge of forest fire equipment for the state department of conservation.

C. LaVerne Roberts announces the removal of his office and the opening of his new office as circuit court commissioner and for the general practice of law at 407 Mutual building, Lansing.

Marian Sprick is now employed as bacteriologist at the Michigan Department of Health laboratory in Lansing, having been transferred from the Grand Rapids branch.

Mr. and Mrs. Stuart M. Rutter announce the birth of a son, Stuart Mishler Jr., on October 28. Mrs. Rutter was formerly Miss Ruth Stockel.

Louis F. Switzgale lives in Liberty, New York, where he is assistant engineer for the New York State Electric and Gas corporation.

Alfred F. Wageman is office engineer for the W.P.A. in Cheboygan, where he lives at 231 Dresser street.

1932

Cora Hall reports a new name and address—she is now Mrs. Lewis Bowen of Melvin, Michigan.

Louis Herrmann is an assistant in agricultural economics at West Virginia university at Morgantown.

Sam M. Malone is employed by the Keeler Brass company in Grand Rapids as foreman in the plastic moulding department. His residence address is 949 Dorchester S. W.

Alta Parks is English teacher and librarian at the Rodney Wilson high school in St. Johns.

Mildred Patterson and **William L. Prince Jr.** were married in Kirkwood, Missouri, on December 26, 1938. They are making their home in that city at 149 W. Adams avenue.

Harry B. Smith is athletic coach in Northville, Michigan, where he lives at 219 W. Main.

Alden P. Thomas is located in Canton, Ohio, as sales engineer for the Timken Roller Bearing company. He lives at 1704 Yale avenue N. W.

Jean Chamberlin gives her new name and address as Mrs. Donald Tripp, 9373 East Jefferson, Detroit.

A son, **Dennis Howard**, was born November 16 to Mr. and Mrs. Howard Welton of Pierce, Nebraska. Mrs. Welton was formerly **Norma Barr**.

1933

Marvin Bogema and **Henry B. Wildschut** are associated with Greeley and Hansen, of Chicago, as civil engineers. Mr. Bogema is located in Chicago at 7303 Luella, and Mr. Wildschut in Toledo, Ohio, at 558 Lincoln avenue.

"Big events in the Cole family" reads a card from **Alden** and **Marie Miller Cole**, and continues: "Mary Lou arrived September 30. I started a new job as dairy specialist with Tioga Mills, Inc., a feed company, December 1, so we've left the south and are back up here again. Please change our address for the Record to 140 Center street, Waverly, New York."

George A. Culp has been transferred by Universal Credit company to Kalamazoo, Michigan, where he has offices at 132 N. Burdick street.

Lee W. Fisher, of 1405 N. 5th avenue, Alpine, Texas, is biologist and regional manager for the state game, fish, and oyster commission.

Don A. Jones, an engineer for the U. S. Coast and Geodetic survey, lives on Hammonds Ferry road, Linthicum Heights, Maryland.

Harry and Evelyn Hardy Lawford are living in Flint at 231 W. Jackson avenue. Mr. Lawford is assistant manager in the business office of the Bell Telephone company.

William Mollenhauer Jr., forester for the Allegheny Forest Experiment station in Philadelphia, recently sent in a newspaper clipping describing a "rowbottom" staged a few weeks ago by students of the University of Pennsylvania, and remarked that in comparison State's "bolshevik days" were rather mild affairs.

Harold G. Nisle is geophysicist for Subterrex, with offices at 321 Esperson building, Houston, Texas.

Jean Murphy and **Watson Spoelstra** were married in East Lansing on June 25, 1938, and making their home in Detroit at 725 Whitmore road.

Wilbur A. Stelzer is located in Columbus, Nebraska, as engineering electrical draftsman for the Loup River Public Power district. His local address is 1822 Eleventh street.

K. W. Stevens and **Harold Jacober** are employed by the Baldwin Rubber company of Pontiac, Michigan. Mr. Stevens lives in Pontiac at 66 Oriole road, and Mr. Jacober lives in Waterford.

Arnold V. Williams teaches in Traverse City where he and Mrs. Williams (**Emma Krause**, '32) live at 601 West 9th street.

1934

Carolyn Chapel Ensinger (Mrs. Harold J.) reports that they have recently moved into their new home at 2023 Brookside drive, Flint.

Marion Fuller is a nurse at the W. K. Kellogg

Foundation camp at Pine lake near Doster, Michigan.

Dale W. Johnson, chemical engineer at the Wilson Laboratories in Chicago, lives in that city at 6710 S. Claremont avenue.

MICHAEL PRESS

1872 - 1938

VIOLINIST, teacher and composer. These epithets belong to the name of Michael Press, 67, who died December 2, in the Sparrow hospital, Lansing, Michigan. A victim of heart disease, Press was known throughout the world for his contribution to music.

Mr. Press was born in 1872 in Vilna, Russia, where he began his artistic career at the age of ten when he made his first appearance on the concert stage. At the age of seventeen he began conducting opera and ballet orchestras in Moscow. He achieved great renown as a concert artist and became equally famous as a teacher.

Following his appointment in 1928 as instructor in violin at Michigan State college and as director of the State college orchestra, he soon attained a wide following in Michigan. On one occasion when asked about his work on the concert stage and his reputation as a great violinist, Michael Press chuckled:

"My good fellow, about my life and history I can tell a great deal, but about my work . . . no . . . you must get that from someone else, for after all it is the audience. It is those who have heard me play who must tell you whether I am a violinist or not."

At the age of forty-six Michael Press had achieved great fame throughout Russia and the entire musical world. During the Revolution, however, he was robbed of everything except his ability and his fame. When the Revolution struck Moscow he was playing a concert in a large music hall. Firing in the streets prevented him from going to his hotel that evening. The next day he reached home where for eight days he was a prisoner along with eight other persons, some of them wounded. At the end of the eighth day he hung a white flag from the window of his hotel room, indicating his willingness to surrender to the revolutionists.

Drunken soldiers rushed to his room and ordered him to face the wall as he was to be shot. A friend arrived at that moment and offered to pay a large sum of money which saved Press from death.

In 1918 Mr. Press left Russia for Germany, where he saw his family for the first time in four years. Press remained in Berlin for some time, then went to Denmark, then to Sweden, and in 1922 came to America. Since then he returned to Europe twenty times.

Michael Press owned a Stradivarius violin, made by the great Anton Stradivarius in 1712. A woman who heard Michael win a contest for violinists bequeathed the violin to him in her will.

Mr. Press was married twice. Last June he married the former **Marjorie Hoyt** of Okemos, one of his pupils and head of the violin department of the Wilde conservatory, Lansing.

Henry Johnson coaches at Springfield college in Springfield, Massachusetts, where he lives at 174 Dunmoreland street.

Gerald Jones lives at 133 E. Baldwin, Royal Oak, Michigan, where he coaches at the high school.

Verna M. Koski is teaching in Detroit, and living at 127 Seward avenue.

Clarence Lehnhardt is employed at the Dow-metal Engineering laboratory in Bay City and lives at 2143 Second.

Russell and Nellie Reuling McComb are living in Dundee, Michigan. Russell is principal of the high school.

Jerry Mandigo is Smith-Hughes teacher at the Lakeview Consolidated high school in Battle Creek, Michigan. He and Mrs. Mandigo (**Lucille Waserman**, w'33) live at 826 Capital S. W.

Philip Minges and **Ardys Mason** (Iowa State) were married May 1, 1938, and are making their home in Ames where Mr. Minges is superintendent of the field station. He received his M.S. from Iowa State in 1937 and is now working on his doctor's degree.

Joseph T. Murray is vice president of the Utility & Industrial Supply company of Jackson, Michigan, where he lives at 728 Union street.

Gilbert E. Ropes, junior engineer for the U. S. Lake survey, lives in Detroit at 7183 Mackenzie.

William R. Teeter is practicing veterinary medicine at 135 South Liberty street, Cumberland, Maryland.

Lawrence C. Walker is assistant superintendent of the Loose-Wiles Biscuit company in Saginaw. He and Mrs. Walker (**Lucile McCue**, '35) live in Saginaw at 1320 Clinton street.

Maurice K. Walter is city veterinarian for Sturgis, Michigan.

G. Carroll Weaver is catering supervisor for Harris, Kerr, Forster and Company, of 310 S. Michigan avenue, Chicago.

1935

Clayton Chittick is superintendent of schools in Montgomery, Michigan.

Bonita E. Croshaw teaches health education in Ellis Elementary school in Detroit, and lives at 1172 W. Hancock street.

Edward Ellwood is construction engineer for the George A. Poag company in Fort Wayne, and lives at K-3 Sheridan Apartments.

June Francis is teaching in the high school at Hazel Park, Michigan.

Virginia Grant and **Dr. C. K. Johnson** were married on November 5, 1938, and are making their home at 1424 Lake boulevard, St. Joseph, Michigan.

Adelaide Guenther gives her new name and address as Mrs. W. O. Gilliland of Alpena, Michigan.

John D. Hetchler is assistant superintendent of the Werner G. Smith company, a division of Archer Daniels Midland company, in Wyandotte, Michigan, where he lives at 557 Pine street.

Frank W. Hoff Jr., of 1935 Pilgrim street, Akron, Ohio, is employed in the purchasing department of the Goodyear Tire and Rubber company.

J. Edson Jepson and **Phyllis Davidson**, '38, were married September 10, 1938, and are making their home in Lansing at 1010 Eureka street. Mr. Jepson is budget clerk at the college.

Anna M. Lewis is teaching in Grant Junior high school in Port Huron, Michigan.

Walter Niedermeier is located in Detroit as sales engineer and estimator for Johns-Mansville, 832 Fisher building.

Avery and Evelyn (Pickett, '36) Paxson are living at 3102 Cedarbrook, Lansing, where he is sales supervisor for the Gulf Refining company.

Robert T. Psik is employed as a design draftsman at the Ternstedt Manufacturing division in Detroit where he lives at 1211 25th street.

Donald O. Ross and **Margaret Hotchin**, '37, were married on Thanksgiving Day, November 24, 1938, and are making their home at 225 Strathmore road, Lansing.

Leo H. Rothe is sanitarian for the Oakland County Health department with offices at 436 Auburn avenue, Pontiac.

Brown, '31, Sends An SOS

L. P. Brown, editor of the Spartan Grid-iron News, and a consistent developer of record breaking cross-country and track teams, sends an SOS to the readers of the Record.

In checking through his files he discovered three copies of the Spartan Grid-iron News, official football program, were missing. To complete his records he needs these missing copies.

Search for the following Spartan Grid-iron News announcing Michigan State football games with . . .

1. University of Detroit, 1932.
2. Marquette University, 1934.
3. University of Detroit, 1934.

If you find copies of these programs please send them to L. P. Brown, Michigan State College, East Lansing, Michigan.

Arthur K. Rouse is located in Boyne City, Michigan, as station supervisor for Rouse and Sons Oil company.

Norman Stoner is meat inspector for the health department in Kalamazoo, where he lives at 1123 Merrill.

Marian Tobey may be reached in care of the Girl Scout headquarters in Fresno, California, where she is engaged in directing their activities.

Frank J. Vaydik is employed as florist and landscaper at the Detroit Zoological park, and lives in Detroit at 18620 Coyle avenue.

Neil Wadsworth is an engineer for the Edison company in Toledo where he lives at 2920 Rocksbury.

1936

Forrest Allen and **Arthur Hulbert** are enrolled in the graduate school at the University of Michigan. Mr. Hulbert lives in Ann Arbor at 1336 White street, and Mr. Allen may be reached through his home address, 47 Mechanic street, Oxford.

Robert Benedict received his M.S. degree in biology from Virginia Polytechnic institute last June and now has a research assistantship at the University of Wisconsin working on a Ph.D. in bacteriology. He lives in Madison at 1502 Adams street.

Among those of the class engaged in teaching are: **Melva Bump** at Davis Technical high school in Grand Rapids; **Frances E. Davis** in Flint; **Dorcas Fuller** in Grand Rapids; **Evelyn Hogarth** in Luther; **Archie F. Ross** at Everett high school in Lansing; **Leora Smith** in Grandville; **Rose Jones** in Three Oaks; and **Frances E. Wilson** in the senior high school in Midland.

Carl R. Benton and **Harold L. Decker** are practicing veterinary medicine. Dr. Benton in Salem, Massachusetts, and Dr. Decker in College Corner, Ohio. Dr. Decker was married on August 5, 1938, to Lucretia Long of Richmond, Indiana.

Randolph Lietzke and **Joseph F. O'Dell** are employed by the Michigan Gas Transmission corporation, and are located in Indiana. Mr. Lietzke in Zionsville and Mr. O'Dell in Muncie, Route 5.

Howard Coon is a substation operator for the Consumers Power company in Flint, where he lives at 807 Detroit street. **Richard Lehman** is also employed by the Consumers Power company, and is located in Jackson at 118 W. Morrell.

Frederic R. Ainslie is engaged in testing and research work for the Kellogg company in Battle Creek.

Frank H. Bopp and **Jane Braunton** were married December 31, 1938, and are making their home at 508 N. First street, Maywood, Illinois.

Newell and Lois (DeVries, '37) Chamberlain are living at 52 Williams street, Pontiac, where Mr. Chamberlain is employed at the Hubbard Spring company.

Esther Clark is industrial girls secretary at the Y. W. C. A. in Louisville, Kentucky.

W. J. Delbridge is manager of the Hotel Savoyne, East Jefferson at Lenox, Detroit.

Leonard B. Gezon is application engineer for the General Electric company in Philadelphia, and lives in Upper Darby at 44 Marlborough.

J. R. Hewitt is an engineer for the Columbia Mills, Inc., of Chicago, manufacturers of window shades and venetian blinds, and lives in Chicago at 12042 Eggleston avenue.

Mr. and Mrs. **Willard R. Klunzinger** (she was **Katherine Eileen McCurdy, '38**) are living at 819 Third street, Ann Arbor. Mr. Klunzinger is a student in the university medical school.

Carl F. Keas is junior sales engineer for the Mall Tool company in Chicago where he lives at 7128 S. Cornell avenue.

Richard E. King is located in York, Pennsylvania, as service engineer for the Hardinge Company Inc.

Peter Kuckik lives at 201 Congress street, Michigan City, Indiana, and is employed by the Northern Indiana Public Service company.

John Manning is a chemist for the Wolverine Brass Works in Grand Rapids where he lives at 1270 Cass avenue S. E.

C. Edward Morris has received an appointment to a National Park Service post at St. Johns Island in the Virgin Islands.

Paul Murdoch is foreman of the lacquer department at the Martin Varnish company, 900 W. 49th place, Chicago.

David W. Stonecliffe is stationed in Quantico, Virginia, as second lieutenant in the Marine corps.

Howard F. Taylor is a metallurgist at the Naval Research laboratory in Washington, D. C., where he lives at 4440 Nichols avenue S. E.

Alice R. Thompson and **H. Gordon Hawkins** were married August 30, 1938, and are making their home in Berrien Springs, Michigan, at 209 S. Maine street. Mr. Hawkins is principal and coach at the Berrien Springs high school.

1937

Dorothy Anderson is dietitian at the Walter Reed hospital in Washington, D. C.

Mary Barden is now Mrs. Jesse O. Fleming and lives on R. 2, South Haven, Michigan.

John L. Bolhuis is employed in the purchasing department of the Book Cadillac hotel in Detroit.

William R. Coleman, research chemist at Parke,

Davis & company, lives in Detroit at 14269 Chelsea.

Henry Evert is a graduate assistant in chemistry at the University of Iowa, Iowa City.

Maurice B. Goddard and **June Caroline Dean, '38**, were married August 20, 1938, and are making their home in Lansing at 757 N. Jenison avenue. Mr. Goddard is an engineer with the Board of Water and Electric Light commissioners.

Richard and Maude (Lewis, '36) Gray are living at 325 E. Fulton street, Grand Rapids, where Mr. Gray is advertising manager for the Good-year Tire and Rubber company.

Richard Harmon is located in New York city as chemical engineer for the Triangle Conduit and Cable company. His address is 312 West 93rd street.

Robert Hawes is a student salesman for the Shaw-Walker company of Muskegon, where he lives at 1229 Peck street.

Russell and Charlotte (Thatcher, '38) Henshaw are living in Detroit at 1604 Delaware. Dr. Henshaw is a veterinarian with the Detroit Board of Health, and Mrs. Henshaw is medical technician at the Woman's hospital.

George Hyatt Jr. and Virginia W. Smith, '38, were married September 17, 1938. They are living in Detroit at 16835 Greydale avenue. Mr. Hyatt is a milk inspector for the city health department.

Howard L. Linder is employed by the Bell Telephone company in Grand Rapids where he lives at 312 James S. E.

George L. Love is assistant department superintendent at the Michigan Alkali company in Wyandotte.

Carl Nickel is located in Alma, Michigan, as rural service engineer for the Consumers Power company.

Theodora L. Peck, who received her M.S. in 1937, is nutritionist at the Babies hospital, 7th and DeLancey streets, Philadelphia.

Robert W. Perrin and **Betty Kirk** were married June 11, 1938, and are living at 329 South Fourth street, Saginaw.

Edward Hayes Jr. and Blanche Ross, '36, were married September 30, 1938. They are at home in Detroit at 1155 W. McNichols.

Virginia Thomas is teaching in Grand Rapids, and living at 226 Ransom N. E.

J. Wendell Turner manages the Town Club in the Blackhawk hotel in Davenport, Iowa.

Vincent I. Vanderburg and **Julia O. Hannah, w'31**, were married in Grand Rapids on November 3, and are making their home in East Lansing at 220 Charles street.

A. Edward Ward is associated with Hamilton and Weber, engineers of Grand Rapids, where he lives at 315 Crescent N. E.

George H. Wellington is a graduate assistant in the department of animal husbandry at Kansas State college, Manhattan.

Dorian Wilkinson is athletic director at Blackburn university, Carlinville, Illinois.

Elwin Willett, who received his M.S. from Nebraska on August 4, is continuing his studies at Cornell university, working toward a Ph.D. He may be reached in Ithaca in care of the university animal husbandry department.

Betty Ziegler is employed in the alumni office at Pennsylvania State college, and lives in State College at 301 W. Beaver street.

1938

Some of the classmates have gone far afield to continue their studies: **John Erway** has a teaching assistantship in the department of agricultural chemistry at the University of California at Davis; **Ellis Airola** is a research assistant

Hays, '11

J. G. Hays, '11, extension specialist in dairy husbandry, was one of the principal speakers at the 31st Annual Farm and Home Week at the College of Agriculture of West Virginia university during the second week of February.

As extension dairyman, Mr. Hays has specialized in conducting feeding and cattle breeding schools. He owns a farm at Howell, Michigan, and has a fine herd of Holstein cattle. Three years ago he appeared on the program of the West Virginia Dairymen's association at Bluefield convention. "Feeding With a Pencil" and "Cow Judging" were the titles of the talks he gave at West Virginia.

at the University of Missouri at Columbia; **James R. Meyer** is a graduate student in biology at the University of Virginia, Charlottesville; **George E. Ranney** is a student in the Harvard business school in Boston; **Albert Sims** and **Florence Digby** are taking work at Syracuse university; Mr. Sims in the Maxwell School of Citizenship and Miss Digby in library science; **Ann Aikin** and **L. Fredric Hough** are studying at Cornell university; Miss Aikin in the department of economics of household and Mr. Hough in genetics; **Samuel Aldrich** is enrolled in the graduate school at Ohio State university in Columbus; **Bertil Krantz** is a graduate assistant in agronomy at Purdue university, West Lafayette, Indiana; **Donald C. Smith** and **William Cade** are in Chicago; Mr. Smith is a student in the Presbyterian Theological seminary and Mr. Cade in the department of mechanics at Armour Institute of Technology; **Lyman Chapman** is a research fellow at the Ontario Research foundation in Toronto.

Those enrolled in institutions nearer the campus are: **Fred Schroeder**, a medical student in Detroit; **Louise Langdon**, who has an assistantship at Merrill Palmer school in Detroit; **David Anderson**, **Graydon Blank** and **Gerard Boss** in the University of Michigan graduate school; **Laura Kronquist**, medical student at the University of Michigan; **Edward Rudd**, student at the U. of M. school of dentistry; **Edward Brown**, **Marston Busch**, **Quentin Ewert**, **Robert Refior** and **George A. Worcester**, all law students in Ann Arbor.

Those who have remained on the campus for their graduate work include **John Blyth**, **Eugene Bottje**, **W. E. Botwright**, **Arthur Brewer**, **Kenneth Cline**, **Dorothy Eby**, **George Grantham**, **A. A. Johnson**, **Alice Korstange**, **Douglas Lake**, **Keith Langdon**, **Helen Larsen**, **Elwood Millard**, **Harry Morgan**, **Grant Nichol**, **Arthur Norris**, **Thomas Nunheimer**, **Mary Elizabeth Pyke**, **Lewis Rue-sink**, **Clyne Shaffner**, **Eldon Shotwell**, **Orland Sines**, **John Stone**, **Jane Tubbs**, **Gale Wells**, **Harold Wiesner** and **Guy Woodward**.

Among those engaged in teaching are: **Nelson Abernethy** at Port Huron high school, **Jeane Beukema** in Holland, **Thelma Bishop** in Rockford, **Mary Cansfield** in Owosso, **Wanda Chrobak** in Woodworth Junior high school in Dearborn, **Leora Coleman** in Haslett, **Eunice Converse** in Shepherd, **Calvin Cressman** in Lykens, Pennsylvania, **Mary Ellen Taylor Creyts** in Daniel Whitfield school in Pontiac, **Leo DeAmicis** in Alpha, **Elizabeth Dignan** in Flint, **Elva Foltz** in Holt, **Peggy Fox** in Grand Rapids, **Dorothy Garlock** in Midland, **Avalon Gowans** in Milwood school in Kalamazoo, **John Hamp** in Nashville, **Hazel Helgemo** in Iron River, **Merle House** in Mayville, **Dorothy Kenney** in Edmore, **Francis Lord** in St. Johns, **James McGillivray** in Boyne City, **Josephine Miller** in Alpena, **Margaret Nickle** in Brown City, **Arvid Norlin** in Cassopolis, **Ruth Ogden** in Lapeer, **Vaun Ogden** in Gladwin, **Beatrice Pritchard** in Swartz Creek, **Anita Schoenow** in Zilwaukee, **Charles Severance** in Capac, **Virgil Shafer** in Clare, **Harriet Skidmore** in Greenville, **William Speer** in Godwin school in Grand Rapids, **Lorraine Sprague** in Unionville, **Elizabeth Stana-way** in Battle Creek, **Leta Stewart** in Owosso, **Dorris Warren** in Port Huron, **Jean Watson** in Melvindale, **Myrtle Wilhite** in Grand Marais, **Jane Anderson** at the Junior high school in Midland, **Frieda Anderson** at Milford, **Charlotte Bengé** at Bath, **Dalice Bengé** at Sand Creek, **Thora Forrister** at Byron, **Annette Hammel** at Beaverton, **Mary Mettetal** at Big Rapids, **Jane Albee** at Union High and **South High** in Grand



Francis Aranyi

Francis Aranyi, noted Hungarian violinist, is the new member on the teaching staff of the music department at Michigan State college. Mr. Aranyi, who conducts violin classes, replaces Michael Press.

As a concert artist, Aranyi has appeared in hundreds of concerts in Europe playing in Holland, Scandinavia, Poland, Rumania, Austria, Germany, Finland and France. He made his New York debut at Town Hall early in the fall of 1937. He is booked for a concert tour for the coming season.

In 1935 Duquesne university brought Mr. Aranyi to this country to become professor of violin. Mr. Aranyi appeared in recitals over station WKAR during February.

Rapids, **Erna McKenzie** at Webber Junior high in Seginaw, **Bennie Pocus** at Jonesville, **Andrew Bednar** at Ironwood, **Willis Anderson** at Richmond, and **Paul Holden** at Martinsburg, West Virginia.

Those teaching home economics are: **Betty Alexander** in New Troy, **Marian Beardsley** in Wayne, **Esther Bishop** in Eaton Rapids, **Ida Brower** in Mecosta, **Elaine Flott** in Morenci, **Susan Gough** in Fowlerville, **Josephine Green** in Brown City, **Dorothy Hasselbring** in St. Johns, **Amy Jean Holmblade** in Wayland, **Helen Huschke** in St. Charles, **Helen Ilkka** in Gaylord, **Dorothy Kramer** in Shelby, **Alice Lee** in Grass Lake, **Martha Lee** in Ionia, **Louise Lentz** in Ferndale, **Majore Lovering** in Shepherd, **Martha Marshall** in Pigeon, **Marijane Ochs** in Portland, **Louise Shepard** in Farwell, **Eva Smith** in Haslett, **Margorie Suesz** in Hartland, **Catherine Wagner** in Petoskey, **Betty Wilson** in St. Clair Shores and **Hannah Woodhead** in Remus.

Among those teaching agriculture are: **Herbert DeKleine** in Bad Axe, **Richard Drullinger** in Haslett, **Max Huff** in Cement City, **Gordon Purdy** in Gladwin, **Victor Schember** in Beaverton and **Paul Timkovich** in West Branch. **Mildred Bingham**, **Jean Knight** and **Jean McGillivray** are teaching art, Miss Bingham in Belding and Miss Knight and Miss McGillivray in East Detroit. **Lois Herbage** is physical education teacher in the high school in Carey, Ohio; **Paul Beaubien** and **Leo Frizzo** are coaching in Dundee and Coldwater, while **Paul Moyes**, **Raymond O'Malley** and **Harry Speelman** are directing athletics in Haslett, Grand Rapids, and Redford, respectively. **Alice**

Smith teaches piano at the Klooz conservatory in Lansing; **P. D. Chatterton** is principal of the Reed City high school; **George Bowling** is an associate professor in the dairy department at Morgantown, West Virginia; and **Wendell Horning** is an instructor in physics and applied mathematics at Judson college, University of Rangoon, Burma.

Employed in various branches of government service are: **Howard Sack-rider** working out of Howell, Michigan, for the Soil Conservation service; **L. B. Hanna** with the treasury department in Lansing where he lives at 606 S. Grand; **Forrest W. Dixon**, county rural resettlement supervisor with headquarters in Gaylord; **Robert D. Bond**, project assistant at Camp Escanaba River, Gwin; **Robert C. Kitzsteiner**, project assistant at Camp

Kalkaska, Kalkaska; and **Alex Alaspa**, construction engineer in Ironwood for the N. Y. A.

Leo G. Carlson and **Seymour S. Eldridge** are stationed at Fort Sheridan, Illinois, Lieut. Carlson with the 14th cavalry and Lieut. Eldridge with the 61st coast artillery.

Among those employed in forestry work are: **Lloyd Cogswell** on the Yankee Springs project in Hastings; **Vernon D. Hart**, assistant at the Dunbar CCC camp in Dunbar, Wisconsin; **Donald Johnson**, forestry project assistant in Port Hope; **Leonard Kardes**, forester on roadside development in Grand Rapids where he lives at 558 Broadway N. W.; **Philip F. Krul**, forester at Camp Cusino at Shingleton; **Arthur B. Meyer**, located in Piedmont, Missouri, as district forester for the Missouri conservation commission; **John C. Rose**, utility forester with the Rose Tree Pruners & Surgeons, 1313 E. Main street, Lansing; **Edward Seay**, district forester in Camdenton, Missouri; **Alvan Voelker**, junior forester in the Wyman Forest nursery at Manistique; **Robert S. Ward** and **William J. Wiedenhoef** employed by the Department of Parks and Boulevards in Detroit.

Veterinarians engaged in private practice include: **Charles R. Corson** at Middlebury, Indiana; **George Dershem** at Roann, Indiana; **George Foley** at Ohio; **Arthur L. Green** at Belding; **Wallace Hornbacker** at Lancaster, Wisconsin; **John Martin** at North Manchester, Indiana; **James Nundy** at Bellaire, **Paul Reichart** at Chelsea; **Jean Reindel Kahl** in Highland Park; **William H. Stroup** at Milan; **Alan Winter** at Eau Claire; and **Maurice Clark** in Boston, Indiana.

Those employed by the United States Bureau of Animal Industry include: **George W. Green** working out of Scranton, Pennsylvania; **Charles F. Helmboldt**, Ravenswood, West Virginia; **Clifford Westerfield**, Eatonton, Georgia; **Edward S. White**, Richmond, Virginia; **Donald Wright**, Lansing; **M. R. Zinober**, Madison, Wisconsin; and **Clarence Bach**, of Sebawaing, on Bang's disease control work.

Others in veterinary work are: **Walter Bradley**, for the Pet Milk company in Greensboro, Maryland; **Don Francisco** with the Elvo Veterinary Hospital and Clinic in Highland Park; **Wilbur Hirschey** at the Albion Riding club in Albion, Michigan; **James Flanders** with Dr. Haubreck in West Claremont, New Hampshire; **Luke Sinclair** with the Cutter Laboratories in Berkeley, California; **George Moore** with the department of surgery and medicine at Kansas State college, Manhattan; **John Cunkelman** and **William Riley** on the staff at Michigan State.

Among the engineering graduates who have secured jobs are: **James Ballenger** with the Carter Oil company in Tulsa, Oklahoma; **Joseph Brundage** with the Brundage company in Kalamazoo; **Kenneth Cosens** with the city engineering department in Pontiac; **D. B. Eames** with the Pontiac

engineering firm of Eames and Brown; **Arthur L. Freeman** with General Foods in Battle Creek; **Paul Gillett** with the National Bureau of Standards in Washington, D. C.; **Patrick Gormely** with the Carbide and Carbon Chemical corporation in Niagara Falls, New York; **Wilson Holmes** with the Standard Oil company in Caripito, Venezuela; **Paul Koopman** with the Wickes Boiler company in Saginaw; **Carl Lundgren** with E. H. Sheldon company in Muskegon; **Robert Madill** and **William Rose** with Joseph E. Seagram & Sons Inc., Lawrenceburg, Indiana; **Philip W. Sparling** with Firestone Tire and Rubber company in Akron; **Martin Warskow** with the W. K. Kellogg company in Battle Creek; and **Milton Wilcox** with the Graybar Electric company in Detroit.

The Keeler Brass company in Grand Rapids, Michigan, employs the following '38ers: **James Collins**, **Osborne Cox**, **Kenneth Hampel**, **John Long**, **Edwin Smith** and **Willard Smith**.

The following are employees of the Consumers Power company: **William Braden** and **Orlando Luchini** in Alma, **Dennis McGuire** in Owosso, and **Yvonne Wood** as home service adviser in Battle Creek.

Edward DePorter, **Ronald Flandt**, **Donald Schantz** and **Henry Tykocki** are in metallurgical work but each is with a different concern. DePorter is located in Pittsburgh with the Jones-Laughlin Steel company; Flandt in East Chicago, Indiana, with the U. S. Reduction company; Schantz in Coraopolis, Pennsylvania, with the Standard Steel Spring company, and Tykocki in Gary, Indiana, with Carnegie-Illinois Steel company.

Putting their knowledge of chemistry to work in their respective localities are: **Harry F. Carr** at the Albion Malleable Iron company, Albion, Michigan; **Robert Goodman** at Semon Bache & Company, 636 Greenwich street, New York City; **Arthur M. Melford** at Ford Motor company (he lives in Detroit at 2169 Morrell); **Carl Numelin** at the Morton Salt company in Manistee, Michigan; **Eugene Serdinsky** at the Dow Chemical company in Midland, and **Alvin Sterner** at the Litchfield Dairy association, Litchfield, Michigan.

Taking apprenticeship or trainee work are: **Richard E. Brooks** at the Grand Rapids Stamping division of General Motors, **John Hallock** at Firestone Tire and Rubber company, **John Massey** at the Bethlehem Steel company in Bethlehem, Pennsylvania, **Wayne Nielsen** at the General Chemical company in Chicago, and **Roger B. Wilcox** at Commonwealth Edison company in Chicago.

Employed as student dietitians are: **Margaret Bull** at Mosher hall in Ann Arbor; **Jennie Day** at St. Mary's hospital in Rochester, Minnesota; **Florence Demerest** at Miami Valley hospital in Dayton; **Janet Fretz** at University hospital in Cleveland; **Ruth Starke** at Johns Hopkins hospital in Baltimore; **Leola Talladay** at Grasslands hospital, Valhalla, New York; **Agnes Teske** at Presbyterian hospital in New York City; **Dorothy Thurston** at Cincinnati General hospital, and **Margaret Woodman** at Lawyers club in Ann Arbor. **Maxine McKinley** is dietitian at Sarah Williams hall on the campus.

Several members of the class are engaged in laboratories as technicians, bacteriologists, research work, etc. Among them are: **Juanita Ayres** at General hospital in Cincinnati; **Raymond Bankowski** in Berkeley, California; **John Brooks** at Herman Kiefer hospital in Detroit; **Orlo Carlson** in East Chicago, Indiana; **Constance Clack** at Henry Ford hospital in Detroit; **Joseph Glickstein** at Mt. Sinai hospital in New York City; **Betty Hickey** at Deaconess hospital in Detroit; **Catherine Krehl** at Difco laboratories in Detroit; **Mary Morrison** at Northern Michigan sanitarium in Gaylord; **Lucille Myers** at Holmes hospital in Cincinnati; **Eloise Rothenberger** at War Memorial hospital in Sault Ste. Marie; **Irene Ruth** at Cen-

tral Bruceella station at M. S. C.; **David Shotwell** in Battle Creek; **Gail A. Smith** at Detroit Board of Health, and **Clayton VanderMeer** at the Electric Sorting Machine company in Lowell, Michigan.

Herbert Hunt, **Cyril Moore** and **Robert Mummey** are rooming together at 825 Diversey parkway, Chicago, where they are putting their hotel training into practice. Hunt is field secretary for the Chicago Restaurant association, Moore is purchasing steward for the Morrison hotel, and Mummey is assistant to the catering manager at the Morrison. **Charles Pearson** is steward at the Down Town club in Detroit, located in the Penobscot building, and **Robert Poczik** is employed at the Hotel Chippewa in Manistee.

Engaged in social service work are: **Elizabeth Crane** in Hartford; **Kathryn Derby** in Portland; **Muriel Frankfurth** with the Children's Aid society in Detroit; **Kathryn Niedermeier** in Monroe; **Donna Sigsby Sattler** in Dimondale; **Gertrude White** in Waterloo, New York; and **Evelyn Olsen**, **Alma Somers** and **Elizabeth Spiess** in Lansing.



Cheong Yin Wong

Southern melon patches may produce the big watermelons, but it took a Chinese graduate student at Michigan State college to grow a watermelon without seeds.

Methods utilized by Cheong Yin Wong, student in horticulture, were studied by those attending the annual science meeting last December at Richmond, Va. He presented a technical paper revealing how he obtained results that other experimenters had failed to obtain.

He calls it "parthenocarp." To the average watermelon eater that merely means without seeds.

In 1938 he started some melon plants from treated seeds out on a field provided by the college. Just before the blossoms opened he watched certain ones, bagged them to prevent insects or wind from scattering pollen. Then he cut off the pollen producing portions on these few flowers.

When the female portion of the flower matured he treated the flower with a chemical designed to stimulate. The treatment consisted of spraying with a hormone solution.

Wong is not sure that the process is adaptable to extensive field propagation of seedless melons. Each melon must be obtained by special treatment of the blossom from which it is produced. But he has done something which other scientists attempted and failed.

Several in the class are employed as accountants, and among them are: **Howard Bishop** at the Reo Club house in Lansing; **Robert Bruce** at G. L. F. Mills in Buffalo; **Robert Bucknell** at Firestone Tire and Rubber company in Akron; **William Connor** at Wetmore's Safety Service in Ferndale; **Edward Kessler** at Standard Oil company in Grand Rapids; **Donald Sexsmith** at Charlotte Candy company in Charlotte; **Jerome Stewart** with the Melvin Lanpher company in Detroit; and **Robert Swart** with General Motors in Grand Rapids.

Among the landscape architects, florists, nurserymen, orchardists, etc., are: **Robert Carpenter** at Massachusetts State college, Amherst; **Edmund Boell** at DePetris Inc., Grosse Pointe Farms; **James Heaney**, San Rae Gardens, Dayton, Ohio; **Edward McAllister** in Monroe; **Orland Manahan** at Pontiac Nurseries in Romeo; **Charles Reimer** in Northville; **Richard VanWinkle** at Stein greenhouse, Belleville; **Robert Ward** at Ornamental Gardens in Miami, Florida.

Margaret Buzzard is a society reporter for the Detroit Free Press; **Norman Kenyon** is news editor for the Portland (Michigan) Observer; and **Robert D'Arcy** is a reporter on the Manistee News Advocate, Manistee, Michigan.

Nella Eikenhout and **Norma Ford** are engaged in library work, Miss Eikenhout at the Ryerson library in Grand Rapids and Miss Ford in the public library in Lansing.

Engaged in insurance work as inspectors, adjusters, salesmen, etc., are **Robert Castell** with the Retail Credit company in Detroit; **Dennis Barton** with the Penn Life company in Lansing; **Robert Gillespie** with the State Farm Mutual company in Lansing; **Cowlin Johnson** with the Inter-Ocean Casualty company of Detroit; **George Patterson** with the Western Adjustment and Inspection Company of Chicago; **Harvey Woodstra** with the Retail Credit company in Grand Rapids; and **John Kuk**, personnel assistant in unemployment insurance in Amsterdam, New York.

Among those employed in clerical or secretarial work are: **Eleanor Barc**, secretary to Congressman John Lisinski in Washington; **Betty Bush** at the Dow Chemical company in Midland; **Norman Little** with the Edison Electric company in Sault Ste. Marie; **William F. Miller** with the American Brakeblok company in Detroit; **Neil Tracy** with the Murray Corporation of America, Detroit; **Jean Woodard** with the Yeager Bridge and Culvert works in Port Huron; and **Mary Jane Conway**, **Helen Cooper** and **Mary Jane Wright** with the W. P. A. offices in Lansing. **Barbara Bratton** and **John Sangster** are student personnel assistants with the state civil service department in Lansing.

Those engaged in business enterprises include: **John Burton**, associated with his father in Burton's Walk-Over shop in Lansing; **Ernest T. Kretschmer**, partner in the Honor Distributing company in Saginaw; **Leonard J. Osterink**, associate in the Osterink Construction company in Grand Rapids; **Virgil Powers**, partner in the Powers Clothing company in Hart; and **Ross Shoecraft**, co-owner of store of Reber and Shoecraft in Fremont.

Under the category of salesmen come: **Dudley Bliss**, representing Cheesman and Bliss, realtors in Grand Rapids; **Floyd Burston** with Firestone Tire and Rubber company; **W. G. Dahlberg**, manufacturing representative working out of Lansing for Dail Steel Products, Novo Engine, Jarvis Engineering company, and Toledo Rubber; **Patricia Dalton** with Aluminum Products company of LaGrange, Indiana; **Robert Feiberg** with Martin's store in Brooklyn, New York; **McEwen Gould** with Gould Drug company in East Tawas; **William Gidley** with Pontiac Var-nish company in Pontiac; **Marie Carter** and

Lucille Halladay with J. W. Knapp company in Lansing; Robert MacDonald with American Box Board company in Grand Rapids; Elizabeth Neitz with Sprowl Brothers in Lansing; James Oliver with J. W. Oliver Lumber company of Three Rivers; Floyd Otteman with Utility and Industrial Supply company of Jackson; Elizabeth Pratt with Leiberman Trunk company in Lansing; Patricia Pierson and Marian Richardson with the J. L. Hudson company in Detroit; Charles C. Tansel with J. H. Burns & Brothers company, lumber concern in Mansfield, Ohio; A. J. Theiler with Trousdale Realty company in Sacramento, California; and Oscar Warbach with Stumpp and Walter of White Plains, New Jersey.

Neophytes in the ancient and honorable order of benedicts and "benedictesses" are: Frank Carter and Dorothy Aungst who were married July 30 and are living at 2416 Bay street, Saginaw; Julia Simmons and Rex Brightman, w'39, wed on November 3 and at home in Alma; Arthur Brandstatter and Mary Walsh who are making their home in Detroit at 14612 Turner; Frank Gaines and Jane Crowe, w'39, at home in Seminole, Oklahoma, where Frank is employed by the Carter Oil company; Homer Sharp, located in Omaha with the U. S. Engineer office, who was married to Janet Jenkins, of that city, on November 10; Kathryn Bowers who is now Mrs. Robert Hadden of 10091½ E. Main street, Lansing; Antha Gelzer now Mrs. W. Nicholas Kerbaw of 220 S. Clinton, Stockbridge; and Dorothy Taylor who is now Mrs. Max H. Graff of 1617 New York avenue, Flint.

Kenneth Abrahamson is engaged in spectroscopic analysis work at the Campbell-Wyant-Cannon company in Muskegon Heights.

Robert Barthold is employed at the Sutherland Paper company in Kalamazoo.

William Barton is assistant secretary of the American Aberdeen Angus association, 1 Dexter Park avenue, Chicago.

Jack Bergsma is located in Flint as public relations director for the McDonald Dairy company at 617 Lewis street.

D. S. Crossman is fieldman for the Federal Land Bank of St. Paul, and may be reached through his home address in East Lansing, 429 Park lane.

Richard Caldwell, who hails from Midland, is employed there with the Dow Chemical company.

James Foreman lives at 421 Martin street, Bucyrus, Ohio, and is a collector of internal revenue.

Eltan Hansens is engaged in entomology work in Grand Rapids where he lives at 238 Travis street N. E.

Ernest F. Herrbach is employed by Muskegon county in directing a small fruit and marketing project, and has headquarters in the Court-house in Muskegon.

Edgar Jones is a Michigan State Police trooper in Paw Paw.

Rosenbrook, '30

The new purchasing agent at Michigan State college is C. A. Rosenbrook, '30, who succeeded W. N. Sweeney, September 1, last fall, when Sweeney was retired by the State Board of Agriculture after serving the college for twenty years.

Mr. Rosenbrook became associated with the accounting office in June, 1936, after four years as housing director on the campus. Following one year as assistant to Mr. Sweeney he was appointed cashier, which was followed by his appointment as purchasing agent.



Willard G. Sweeney

Review-Star Photo

Caught in action! And it's Willard G. Sweeney, '28, who is the chemist in charge of the new testing laboratory of the Nassau county department of works at Mineola, New York. Mr. Sweeney, who accepted this position last October, after eight years as chemist with the Long Island State Park commission at Babylon, New York, is shown weighing an extract on the department's modern balancing scales which provide correct weight to 1/10,000 of a gram.

Sweeney's job calls for setting up and operating Nassau's venture in insuring the best quality and use of all types of construction materials. Materials which Mr. Sweeney is testing at present include asphaltic mixtures, asphalt, concrete and cement. He is completing facilities for test-

ing the quality and ingredients of soap, all kinds of janitors' and mechanics' supplies, cleaning mixtures, polish, drinking water and bay water.

Willard is the son of W. N. Sweeney, purchasing agent at Michigan State college until September 1 last fall, when he was retired. He was succeeded by C. A. Rosenbrook, '30.

Other members of the Sweeney family are graduates of Michigan State college. Ralph, '19, has for five years been the district engineer for the New York State Health commission at Albany, New York. Dorothy, '22, is secretary to Dr. C. J. Stringer, superintendent of the Ingham county sanatorium. Loretta, '25, is at home with Mr. and Mrs. Sweeney in Lansing.

Harold J. Milks is production manager for the Ryholt Heater company in Ashland, Ohio.

Jose F. Maldonado is engaged in parasitology work in Hato Rey, Puerto Rico, where his address is San Pedro 5, F. Park.

Roger D. Morgan is employed by the VanKeulen & Winchester Lumber company in Grand Rapids where he lives at 127 Paddock.

William E. Pitts lives in Centerville, Michigan, where he is employed by the Reed Coal and Building Supply company.

Clarence R. Pell is living in Stanhope, New Jersey, and working for the American Can company.

Richard R. Peterson is assistant to the order clerk at the Zenith Radio corporation in Chicago. He lives in Oak Park at 1114 Chicago avenue.

Marvel Pugsley supervises the dining room at Mills College, Oakland, California.

John Patriarche, scarfer at the Great Lakes Steel corporation, lives at 93 Pine street, River Rouge, Michigan.

Loren Recor is connected with the Ferry-Morse Seed company, Brush and Monroe streets, Detroit.

Roland Robinson works in Detroit for the Crane company at 5108 St. Jean.

Alfred Ross may be reached at the Central Experimental farm in Ottawa, Canada, where he is agrostologist in the forage division.

Aline Rudolphi, scientific artist at the college, lives in East Lansing at 128 Kedzie street.

Harper Scott is assistant car distributor in the Buffalo zone for Pontiac Motors. He may be reached through his home address in Flint, 1019 E. Fork drive.

Helene Spatta is junior aide in physical therapy at Walter Reed hospital in Washington, D. C.

Wells Terwilliger is geology assistant at Camp AuSable in Grayling.

Cyril Tremblay is located in Ovid as foreman for the Detroit Creamery company.

Lee Talladay is farming near Milan, Michigan.

Marion Whelan has an apprenticeship at International house at the University of Chicago and reports that she is "receiving additional training but being paid for it at the same time." Miss Whelan lives at 6201 Kenwood avenue, Apartment 1, Chicago.

M. H. Wooten works for the Douglas Trucking lines in Owosso where he lives at 526 Gilbert street.

Clarinda Winegar is working in the Union grill room on the campus.

Roger Woodcock is employed by the Robey Manufacturing company in East Lansing.

Roger P. Wilcox is a clerk in the press scheduling department of the Grand Rapids Stamping division of General Motors, and gets his mail through his home in Hopkins.

Helen Wilson travels for the Curtis Publishing company and may be reached through Miss Yeiter at the Interstate Air club, 612 N. Michigan boulevard, Chicago.



You haven't read "Growing
Pains", we suggest you turn
back to page 2 and read it
now. Reading time: 5 minutes.
