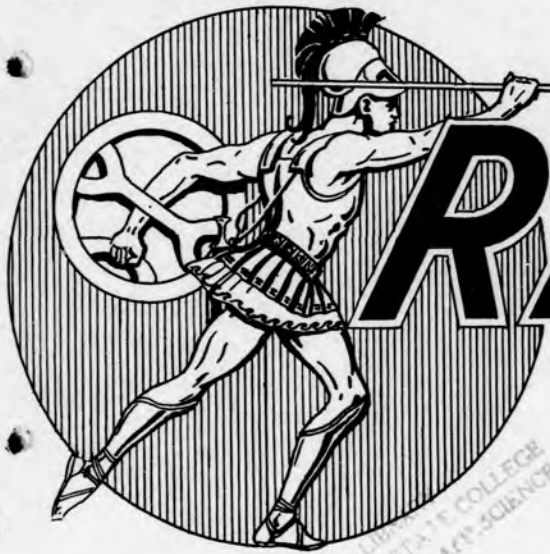


MICHIGAN STATE COLLEGE



RECORD

Let's Talk It Over



1937 Optimism



M. S. C. Union Today



Co-eds Manage Own Home
On Cooperative Plan



Personalities

Quarterly, No. 2

February 25, 1937



» Let's Talk It Over «

AS AN alumnus you take great pride in the progress of your college.

You've been watching its educational expansion since 1857 when the first student body, numbering 123, received instruction in Old College hall, now replaced by Beaumont Tower. That represents 80 years of growth during which time more than 10,000 men and women were graduated and more than 4,000 Short Course students received a liberal education to aid them in their careers as farmers, salesmen, accountants, engineers, chemists, teachers, ministers, executives, and many other fruitful activities.

Today your college enrollment is 4,627, representing twice as many students as were on the campus ten years ago. To operate and maintain a college which has made such rapid progressive strides in its enrollment and in its educational opportunities **the State Board of Agriculture has about 50 cents today for each \$1 it had ten years ago.**

With an increased enrollment, demands for greater educational facilities are more pronounced. This fact was recognized by Frank D. Fitzgerald, previous to his leaving the office as Governor of the State of Michigan. In his message of transmittal to the members of the State Legislature he said:

"I have recommended that the appropriations for the University of Michigan and the Michigan State College of Agriculture and Applied Science be granted as requested because these institutions, operated under separate constitutional bodies and keeping their own detailed records of expense, are in a better position to estimate their needs than any other branch of State Government.

"Furthermore, they are operating economically and efficiently. Due to the growth, in student attendance, which is particularly noted at the **Michigan State College of Agriculture and Applied Science**, their operating costs are rising and they are still feeling the effects of greatly decreased appropriations that occurred during recent years. The foregoing statements apply in general, also, to the Michigan College of Mining and Technology, which enjoys a world-wide reputation in its particular field of education.—Frank D. Fitzgerald, Governor of Michigan."

Recently State Budget Director Thompson recommended to the legislative body Michigan State's request for \$2,633,477.69 for maintenance and operation during the fiscal year, 1937-1938.

Building Program

1. College Health Center and Hospital	\$195,000.00
2. Land Purchases—East Lansing and Lake City (under contract)	36,100.00
3. Changes in Agriculture Building, Livestock Judging Pavilion, Short Course Dormitory	265,000.00
4. Convert Woman's Building Into Liberal Arts Building	150,000.00
5. Power Plant Changes and Additions	250,000.00
6. Farm Lane Bridge	37,000.00
7. Home Economics Building changes	40,000.00
8. Natural Science Building	1,200,000.00
9. Bacteriology Building	120,000.00
10. Addition to Anatomy Building	45,000.00
11. Surgery and Clinic Addition	60,000.00
12. Land Purchases (under option)	59,000.00
13. Physics Building	450,000.00
14. Auditorium	750,000.00
15. Civil Engineering and Hydraulic Laboratory	150,000.00
16. Men's Gymnasium	500,000.00
Convert Gym Into Women's Gym	25,000.00
17. Additions to Home Economics Building	80,000.00
18. Farm Crops Laboratory—Soils and Crops Greenhouses, Fruit Storage, Forestry Building changes	87,500.00
19. Additions to Sheep Barn—Animal Husbandry Barn, Quarantine Shed for Stock, Hay Barn—Chatham, Superintendent's House—Lake City	31,750.00
20. Rodent Colony	5,000.00
21. Beal Greenhouse and Herbarium	40,000.00
22. Walks and Drives	25,000.00
23. Chatham Buildings, 4-H Club, Residence, etc.	40,000.00
24. Agricultural—Fencing, Drainage, Move Houses, Building Boarding House	33,000.00
Total Building Requests	\$4,683,350.00

Soon the governing body of Michigan will pass its decision upon the recommendation. Your presentation of facts about the needs of your college will be welcomed by the legislative members from your district.

Recently the Michigan Press association, an organization composed of weekly and daily newspapers, prior to its adjournment after a three-day session on the campus, passed the following resolutions and pledged wholeheartedly its support to the college building program. The resolutions follow:

"Whereas the Michigan Press association is well aware of the great contributions being made by Michigan State college to the general welfare of the State through the educational opportunities provided on its campus for the young people of the state; through the important work of the agricultural experiment stations; and through the work of the agricultural extension services, and

"Whereas the present appropriations for maintenance and operation of Michigan State college are most inadequate and make it impossible for it to function properly, and

"Whereas Michigan State college should be provided sufficient funds for its maintenance and operation.

"Now, therefore, the Michigan Press association concurs with the State

Budget Director Thompson and the recommendations of Ex-Governor Fitzgerald in his budget message to the legislature in urging the members of the legislature and Governor Murphy to grant the requests of the State Board of Agriculture for the funds as requested for maintenance and operation of the Michigan State college and the agricultural extension services.

"Whereas the present classroom and laboratory and dormitory and student health facilities at Michigan State college are pathetically inadequate, and

"Whereas the student enrollment has
(Please turn to page 18)

President Describes College Services

ALTHOUGH the varied services which a land-grant institution like Michigan State offers are almost too numerous to list, they are carried on for the most part in connection with the three main objectives of the college: education, research and extension. Their relative importance so far as financial support is concerned is indicated by the fact that these three activities were supported in 1935-36 by a total budget of \$2,320,558.12, of which 65 per cent was
(Please turn to page 6)

MICHIGAN STATE COLLEGE RECORD

LLOYD H. GEIL, Editor

Glen O. Stewart, '17
Alumni Secretary

Gladys M. Franks, '27
Alumni Recorder

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February 25, 1937



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Frosted

Jack Frost's handicraft glitters in the early morning sun and surrounds the Administration building with a halo of translucent bushes and trees.

The picturesque old building, which many of you will identify as the old library, now houses on the first floor the college treasurer's office, accounting division, registrar's office, purchasing and stenographic departments. Upstairs are the zoology laboratory and lecture rooms.

Thirty-seven men and women, giving counsel, working busily over typewriters, adding machines and zoological specimens, belie the seeming quietness outdoors.

Lately modernized inside, the external appearance of the Administration building takes your memory back many a year to the "good old days" on the banks of the Red Cedar.

1937 Optimism

Farmers Receive Encouraging Outlook For Marketing Of Produce This Year.

MICHIGAN STATE'S Twenty-third Annual Farmers' Week attracted more than 35,000 rural folk who participated in a program of optimism toward agricultural security. They came from 71 Michigan counties and seven states outside of Michigan.

That Michigan agriculture is well on the way out of the red, and toward a sounder basis, was the note of optimism struck by E. L. Anthony, dean of agriculture at Michigan State, and official college host to Farmers' Week visitors. To prove his statement, he pointed out the increase of Michigan rural income from 108 million dollars in 1932 to more than 200 million dollars in 1936. The latter figure represents a gain of 15 million dollars over 1935.

For six years lack of security has dominated agriculture in Michigan and other states, Dean Anthony asserted. Better financial returns in Michigan have brought more orderly thinking and acting.

"Michigan leads in developing a more permanent agriculture through its maintenance of more than a million acres of alfalfa. In a long time program five

pointers indicate the way in which this state can continue its leadership."

The first advice offered was to conserve, maintain, and improve the fertility of the soil. Soil fertility is the backbone of farming capital, and is an inheritance which farmers receive and are morally obligated to pass on to posterity.

The second point stressed the growing of crops of high value. The trend in the state is already away from oats and timothy to such crops as soybeans, alfalfa, sugar beets and corn for silage.

Emphasis was placed on livestock in the third consideration. An abundance of animals on farms is a principal part of a more permanent progress in farming.

Business-like farming was urged. New markets should be sought, including the selection and production of agricultural products which can be turned into industrial use.

The dean's fifth point advised farmers to be conscious of the dignity of agriculture as an industry. One of the best ways to make the industry secure is to make the home the center of farm life and living.

S. J. Marsden, U. S. D. A. expert in turkey husbandry, judges turkeys brought here by farmers during Farmers' Week, February 1 to 5.



Mickey Cochrane, right, manager of the Detroit Tigers baseball team and an exhibitor at the 1937 Michigan State college Farmers' Week, inspects the Grand Champion steer. At his right is Sidney Smith, superintendent of the William E. Scripps farm, Lake Orion, Michigan, which exhibited the prize-winning animal.

The Hon. Burr Lincoln, new commissioner of agriculture, in his first official address to farmers of the state, assured them of the cooperation of the commission in finding new markets and new products. He emphasized that under his guidance the commission's regulatory powers would be subordinated to cooperation in developing quality products and specialized markets for Michigan agriculture.

More specific forecasts for Michigan agriculture included the outlook of R. V. Gunn, college agricultural economist. He offered encouragement to several major parts of the production program. The year, 1937, seems to offer especially favorable markets for the raisers of sugar beets, fruit or truck garden eatables, turkeys, hogs, cattle and sheep.

The feminine and social aspects of a progressive farm program were stressed by Miss Mildred Horton, vice-director and state extension agent at the Texas Agricultural and Mechanical college, in her talk on "Four Wishes."

According to Miss Horton, security, response, recognition and new experience were the universally common wishes. "Every woman who plants a shrub, flower, or tree around her home, plants herself and her family in a home," said the speaker in emphasizing that a farm must be a place to live as well as a place to work.

A multitude of exhibits brought new champions. Lee D. Ferden, Chesaning, took the sweepstakes for seed corn competition with a yellow dent variety which he developed. G. C. and L. G. Hutzler, father and son farmers on South Manitou Isle, are the new navy bean sweepstakes champions. They are also known internationally for their production of rosen rye pedigreed seed.

280 Students Enrolled In Short Course Studies

Largest Enrollment In 15 Years, Says Director Tenny



R. W. Tenny, director of the short course department, presents awards to former short course students who recently won distinction in various phases of agriculture. They are left to right: R. W. Tenny, W. A. Downs, George McLachlan, Don Shepard, William Fowler, Lee Fowler, Willis Aldrich, Erwin Rush, Melvin Hartman.

Alphonse Verschure, Manistique, already thrice a champion at Farmers' Week shows, is the premier potato grower. Charles Crofoot, Mikado, was named alfalfa seed growing champion.

Other winners included the rural community dramatists, the Edison-Speaker Parent-Teachers' association, from Sanilac county. Their play, "The Maker of Fine Laces," gave them the silk banner, making them the most outstanding in the final six groups selected from a total of 66 community drama casts scattered over the lower peninsula. Cortland grange, in Kent county, won first place in the grange singing contest.

In poultry, the grand bird of the show was exhibited by Wesley A. Elliott, Ypsilanti. Charles Cramton, Ada, had the grand champion male turkey, and Glen Sprague, Ionia, the grand champion female turkey. Jack Welch, Ionia, took first place in the sheep dog trials.

Short Course graduates who received awards because of being on the 1937 honor roll were Andrew Schroth, '29, Pontiac, dairy testing; Raymond Simpson, '36, North Street, horsemanship; Ellis Aldrich, '35, Fairgrove, certified seeds; W. A. Downs, '08, Romeo, poultry production; Stanley Weed, '25, Toledo, dairy manufacturing; Lee and William Fowler, '12 and '37, Mayville, potato production; Wesley G. Mawbey, '13, Benton Harbor, fruit growing; Donald Shepard, '28, Olivet, 4-H club leadership; Melvin Hartman, '35, Ann Arbor, dairy herdsman; Erwin Rush, '31, Romeo, farm accounting; George McLachlan, '21, Evart, beef feeding; Sidney Hcward, '37, Alan-son, sheep production.

Grand champions in colt development were William McCarthy and son, of Ada; calf feeding champion was William E. Scripps, Lake Orion; premier swine

THE 280 students registered in the 12 divisions of the 1937 winter term short courses push the enrollment to the highest mark in 15 years, according to R. W. Tenny, director.

The courses offered are general agriculture, dairy production, dairy manufacturing, agricultural engineering, poultry, practical floriculture, forestry and wildlife conservation, home economics, golf course management, and commercial fruit production.

At the annual meeting of the short feeder, C. O. Brott, Reading; lamb feeding winners, O. W. Sober and Sons, Fowlerville.

In judging dairy cow types, O. F. Foster, graduate of the University of Illinois, and now manager of the Lake-field farms at Clarkston, won first place. In a livestock judging contest, the winning farmers' team was from Oakland county. Winners were Forest Brown and Wayne Carpenter of Clarkston, and Frank Williamson of Pontiac. The team was coached by K. D. Bailey, county agricultural agent.

course association on February 4 during Farmers' Week, the needs of the college were the main topics of discussion.

President Stanley Proctor, Dansville, gave a report on the short course dormitory project. Warren Dobson, Quincy, commended the college for providing short course training for citizens of the state. He stressed the inadequacies of the physical plant of the college, and ended his address by making a motion that short course graduates do everything within their power to bring before the 1937 legislature the necessity of providing a dormitory for short course students at Michigan State college. The motion carried unanimously.

Officers elected for 1937-38 were Stanley Proctor, Dansville, president; Sidney Phillips, Charlotte, vice president; Ellis Aldrich, Fairgrove, director for one year. Other directors are Sherman Read, Richland, and Bernath Ernst, Nunica.

First place winner in the annual Rural Drama contest at the Michigan State college Farmers' Week was the Edison-Speaker Parent-Teacher association of Sanilac county. Members of the cast of "Maker of Fine Laces" are, in front, left to right, Milva Kipp, Lewis Maylock; back row, left to right, Pauline Grimes, Blanche S. Kipp, Lewis Lester, Anna May Wark, Kathern V. Hall, Loyal Carless.



New Campus Group Formed

Organized As The Independent Men's League, It Plans Program For Non-Fraternity Students.

TWO thousand, six-hundred strong, the Independents on Michigan State campus are now a recognized and powerful part of the new "college life".

Two years ago a group of students unaffiliated with any organization, organized, with the cooperation of Dean Mitchell, the Independent Men's League. Dave Ruhe, Allentown, Pa., a natural leader, smiled when he told of its early struggles.



Dave Ruhe '36

"Like most great movements our league had a lowly beginning," he modestly began. "Four or five of us felt the need of an Independent's social group offering representation in the life of the college. We mentioned it here, talked it over there, and soon we found it developing of its own accord. It grew rapidly and is continuing to grow."

Ruhe, now a graduate, took care of the Independent's athletic energies. Dividing East Lansing into zones, a system of intra-mural games was begun in which the men competed for the honor of Independent champion in football, basketball and baseball.

Constantly widening its scope, a more extensive plan of extra-curricular activities is in evidence this year. Fred Arnold, Irvington, N. J., chairman of the league and its voice in college affairs, sponsors a social get-together whenever he can. These inexpensive dances end old man dollar-sign's threat of bankruptcy to the men's social life.

Closely allied with Arnold's division is the group headed by Laurence (Larry) Hamilton, Holly, Mich. Hamilton, major in dramatics, has produced several plays in the last two years drawing his talent entirely from the ranks of the Independents.

Frequently Saturday afternoons the strains of "A Little Bit Independent" come over the air-waves of the college radio station, WKAR, and ushers in the Saturday matinee. This thirty-minute show is an interesting by-product of

Hamilton's embryo staggers, who have succeeded, under the direction of Staley Haugh, Mason, Mich., in finding some promising talent.

Of some 3,300 men enrolled at State only a few over 800 are members of fraternities. This rather startling figure shows the extent of the growth in numbers of the Independent's ranks. More than three-quarters of the male enrollment are active or charter members of the league.

Today the league is an accepted group. Voicing its opinions in the Student Council, active in other campus affairs, the organization appears to have a bright future. Its purpose is not a self-centered one. Ruhe has recently taken the first step to unite the Fraternity and Independent men by organizing a hockey group composed of two fraternity and two Independent teams.

"We hope," says Ruhe, "that future years will find a complete absence of college cliques—through the efforts of the Independent Men's league."

President Describes College Services

(Continued from page 2)

devoted to education, 20 per cent to extension and 15 per cent to research.

On-campus educational service centers around the divisions of Agriculture, Engineering, Home Economics, Veterinary Science, Applied Science and Liberal Arts. These six main divisions, each with its closely-allied branches, make available no less than 20 specific courses which students may pursue. Most of these courses are of a highly technical character and are not generally available in universities and colleges other than the land grant college type.

The Graduate School, in which 172 were enrolled last year, offers special inducements to graduate students because of the greatly varied educational opportunities here and the continuous progress of research all year round. On-campus education includes the summer session as well, which in 1936 afforded 796 students an opportunity to earn advanced credit or make up credit deficiencies in the pleasantest kind of summer surroundings. We must likewise include short courses which were attended by more than 300 young people last year, and conferences, which attracted to the campus more than 1700 people.

Off-campus educational work is carried on mainly by the Extension Service with its staff of 57 subject matter specialists and administrative officers and 123 county, home demonstration and 4-H club agents. The wide scope of the work of this office is shown by the fact that, for example, there are county agents in 82 of the 83 counties of the state and that the young people enrolled in boys' and girls' club work number more than 30,000.

We must include also among off-campus educational activities the (campus) radio station, which is owned and operated by the college and over which programs of information, instruction and entertainment are broadcast every week day. By means of the station, listeners all over the state hear campus athletic events, musical programs, discussion of farm and home problems by staff members; even college classes broadcast direct from the classroom. Since we are so near the state capitol, it is possible also to invite state administrative officials to contribute to the programs by discussing topics of interest.

Off-campus education is carried on also by the Department of Publications, which edits the experiment station and extension bulletins each year and distributes them in response to a wide demand. The department supplies as well an agricultural news service for more than 300 daily and weekly papers in the state, and sends general college, sport and home economics news to numerous papers and syndicates.

The services which the Agricultural and Engineering experiment stations give are manifold. In 1935-36 the staffs of these two stations included 143 persons, who spent all or part time in conducting research investigation. The more than 200 projects in progress that year related to the problems of agriculture, industry and both the rural and urban home. The results have been made available to those needing help.

The miscellaneous services offered by the college are not so easily classified. To those students who come less well prepared financially, the college offers employment in its departments or under federal NYA funds, as well as loans and scholarships, although there is no central appointment bureau, each division makes strenuous and successful efforts to place its graduating students.

Secretary Stewart's Father Dies

Harry Stewart, father of Glen O. Stewart '17, alumni secretary, died at his home in Avilla, Indiana, on February 8.

State's Who's Who In America

SEVEN members of the faculty of Michigan State college have received prominent ranking in the 1936 issue of "Who's Who in America," an official publication listing the most outstanding people in this country during the past year. Recognition of these men was based upon their past accomplishments in their various fields.

Heading the list of faculty luminaries is Robert S. Shaw, president of the college. President Shaw received recognition for his work in agriculture while acting as Dean of the Division of Agriculture and as head of the Extension Department from 1908 to 1928. In 1928 he assumed his present duties as head of the college. He is a member of Alpha Zeta, Phi Kappa Phi, and Sigma Delta Psi fraternities.

E. A. Bessey, dean of the Graduate School, has been prominent as a botanist. He has worked as a botanical collector for the United States government; agricultural explorer in Russia, Turkestan, and Algeria; and as professor of botany here since 1910. In recognition of his research he has been extended memberships in leading German and American botanical societies. He is a Phi Beta Kappa, Sigma Xi, Alpha Zeta, Phi Kappa Phi, and Phi Sigma.

Arthur Farwell, associate professor of music, attained fame as a composer. After extensive study both in Boston and abroad in Germany and Paris, he returned to this country as a lecturer in music first at Cornell and in 1927 at M. S. C. Included in his long list of compositions are American Indian melodies, music for numerous civic pageants, and more recently, the Rudolph Gott symphony.

Dr. R. M. Olin, director of the health service, first achieved distinction as head of the state department of health during the years 1917 to 1927. Since then he has been instrumental in developing the fine health protection facilities on this campus.

Frederick H. Patton, associate professor of music, has sung with the Cincinnati, Philadelphia, and Metropolitan Opera companies, as well as appearing as soloist with leading concert orchestras. He has been outstanding as a broadcaster, and for his leadership of choral societies, notably in recent years as head of the M. S. C. chorus and Men's Glee club. He is a member of Alpha Epsilon Mu and Phi Kappa Tau.

Lewis L. Richards, professor of music and noted as a pianist, was educated in

the Royal Conservatory of Music in Brussels, Belgium. During the war he was head of the distribution of relief in Belgium for which work he received international distinction. He has made numerous concerts both here and abroad. He holds membership in the Hermian Literary society, Delta Sigma Nu, Alpha Epsilon Mu, and Phi Kappa Phi.

Jackson E. Towne, librarian, came to Michigan State in 1932. Formerly he served in library work at New York university and George Peabody college. He is a member of Michigan Library association, Michigan Academy of Science, Chi Psi, and is also active in local civic organizations.

Another official list of prominent

people is that included in "Who's Who in Michigan," edited by Herbert S. Case, of Munising, editor and publisher of two Michigan papers. This volume contains approximately 3,000 sketches of leaders chosen because of their contribution to the progress of the state.

In addition to the men already named, Michigan's "Who's Who" adds the names of the following faculty members. Deans E. L. Anthony, agricultural division; Dr. Elisabeth W. Conrad, dean of women; Dr. Marie Dye, home economics; L. C. Emmons, liberal arts; Ward Giltner, veterinary science; and R. C. Huston, applied science.

Professors named are C. L. Allen,
(Please turn to page 10.)

College Builds New Dormitory For 260 Co-eds



These girls watch the construction progress on the new girls' dormitory which will be ready for occupancy at the beginning of the 1937 fall term. They are Mary Ellen Fritz, '37, Saginaw, and Elizabeth Wallace, '39, Bay Port.

SHOULD you return to Michigan State campus today you would see a great deal of hustling and bustling on Michigan avenue, north of the college hospital. Engineers, architects, steam shovels, and day laborers are moving here and there, with but one purpose--to complete the erection of the new women's dormitory by September 1, when 260 co-eds will live in more attractive and more comfortable quarters.

The new building will be called Sarah Langdon Williams dormitory in honor of the wife of Joseph R. Williams, first

president of the college. The State Board made this announcement as the Record was going to press.

U-shaped, with the closed portion facing Lansing, the dormitory, whose architecture will be similar to that of Mary Mayo hall, will have one wing parallel with Michigan avenue and the other parallel with the campus drive. The building, complete with furnishings and equipment will cost approximately \$475,000, and is being financed through bonds, amounting to \$750,000, which includes \$360,000 for refinancing Mary Mayo.

Altitude And Your Health

Dr. Bandeen, '18, Discusses This Subject In February's "Popular Aviation" Magazine.

IF you have diabetes, don't be afraid to travel by air. Scientific research proclaims "that present day flight levels are entirely healthful, as well as invigorating."

This is the conclusion stated in the article, "Altitude and Your Health," by George Mack McKeown, in the February issue of **Popular Aviation**. His authority is Dr. Stanley Bandeen, nationally recognized Louisville, Kentucky blood specialist, who was graduated from Michigan State in 1918.

Science has already proved, Doctor Bandeen explained, that blood in the human body reacts to pressures just as a weather barometer does. During a storm period, when the barometric pressure is exceedingly low, the blood contains more milligrams of sugar than in clear weather. Considering this, many people have been of the opinion that flying in airplanes at high altitudes where the pressure is low would cause a decrease in oxygen content in their blood, thus bringing about physical ills and disorders.

Not long ago the physician began the task of testing this theory. He is a booster of aviation, making trips by air whenever the opportunity arises, and to see and hear these "beliefs" caused him no little concern. Finally he reasoned that the only way to answer these charges satisfactorily was to take trips by air, taking blood extractions along the routes at varying altitudes.

American Airlines' officials, learning of his intentions, offered the assistance of their stewardesses, all of whom are registered nurses, and the way was cleared for investigation.

Doctor Bandeen made his first extractions on a trip from Camden, New Jersey, to Louisville, via Washington. He first drew blood at the Camden airport, at sea level. Seventy-six milligrams of sugar were registered. At 2,000 feet the content was increased 2 milligrams. At 6,000 feet, over the Alleghenies, his sugar content increased to 90 milligrams. This increase of 14 milligrams is not startling, in view of the fact that such an event as a thunderstorm is known to have raised the sugar count in a person's blood as much as 45 milligrams.

The physician not only gave his own blood, but also made his own analysis

in his modern laboratory, witnessed by a group of prominent blood specialists from all parts of the nation.

"My experiments seem to indicate that the thought of air travel being harmful to sufferers of blood diseases is wholly without basis", said Doctor Bandeen. "Since the Bureau of Air Navigation, of the Department of Commerce, prohibits commercial air travel at higher than a 15,000 foot level, I would say that the present flight levels



Courtesy Ziff-Davis Publishing company

Dr. Bandeen, '18, Louisville, Kentucky, blood specialist, gives blood for experimental purposes to disprove the thought of air travel being harmful to sufferers of blood diseases.

are entirely healthful, as well as invigorating."

Doctor and Mrs. Bandeen (Nellie E. Bandeen, '19) have been in Louisville since leaving Michigan State college in 1919. He is prominent in medical circles, and at present is head of the Bandeen hospital, an enterprise of his own founding.

Scientists

Michigan State alumni gave nearly a dozen speeches at the convention of the American Association for the Advancement of Science, held in Atlantic City, N. J., December 28 to January 1.

Among those on the programs for the various meetings held during the convention were: Dr. E. J. Krans, '07, professor of botany at the University of Chicago, who presided at one of the

important councils; Dr. J. E. Kotila, '18, research expert on diseases of sugar beets in the United States Department of Agriculture, who spoke on sugar beet diseases; Dr. T. A. Yunker, '14, for 15 years professor of botany at DePauw university; and Dr. Edgar Anderson, '18, in charge of genetic research at the Missouri botanical gardens, St. Louis.

19 Students Make Record Of "A"

Nineteen students had an all A record in academic subjects for the fall term of 1936. And 29 came in second with all A's and one B. Those receiving all A's are listed according to divisions:

Liberal Arts: Eleanor Andem, East Lansing; Edna Lillian Becker, Grand Ledge; William L. Dewey, Flint; Barbara Houtz, Detroit; Samuel Howard, Sault Ste. Marie; Marvita B. Kreag, Lansing; T. R. Martin, Lansing; Dika Jane Newlin, East Lansing; Albert G. Sims, Mossup, Connecticut; Louis Weisner, Alpena.

Applied Science: John D. Bartleson, Detroit; Harlan Collar, Mason; Charles Harmon, Cassopolis; John P. Howard, Sault Ste. Marie; Lyle Leisenring, Diamondale; Jack T. Sabo, Bronx, New York City.

Agriculture: Graydon Lewis Blank, Reed City; Georgia Haerr, Springfield.

Home Economics: Josephine Gardner, East Lansing.

With only one B to mar a perfect record, the following students had enviable grades:

Liberal Arts: Beryl Campbell, Lansing; Milton Dickerson, Bloomingdale; Katherine Foster, Clarkston; Ola Gelzer, Hillsdale; Norman Kenyon, Portland; John Lacey, East Lansing; Althea G. Lill, East Lansing.

Agriculture: Sam Aldrich, Fairgrove; Clare Becker, Mt. Morris; Carl deZeeuw, East Lansing; Earl Hodgkins, Wayne; George H. Wellington, Springport; Harry Wilt, Collman.

Applied Science: William D. Cheney, Charlotte; Luther Dawson, Flint; Marion S. Hollard, Belding; Herman King, Grand Ledge; Torpia Lapenas, Scottsville; Jack McKibbin, East Lansing; Robert Rowe, Lansing; Louis Snyder, Quinnsec.

Home Economics: June Hungerford, Sault Ste. Marie; Martha Lee, East Lansing; Bernita Taylor, Cass City.

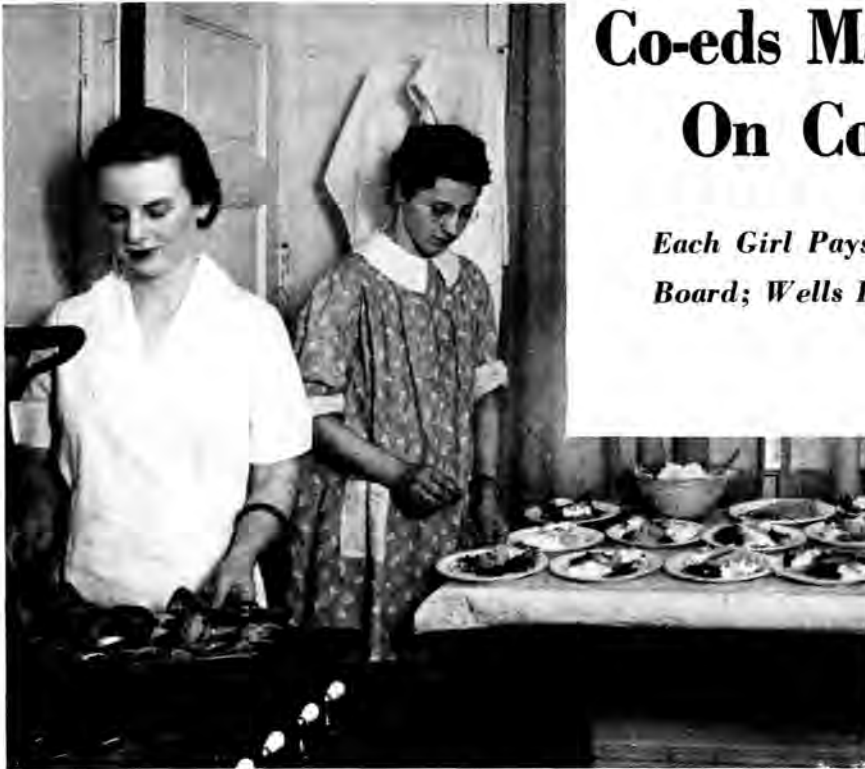
Engineering: Harold Bogart, Detroit; Harry Cecil Wills, Detroit.

Forestry: Harold St. John, Ishpeming; Rudolph Yovonovitz, Gary, Indiana.

Veterinary Science: Anton Thompson, Fergus Falls, Minnesota.

Co-eds Manage Own Home On Cooperative Plan

Each Girl Pays \$5.25 a Week For Room And Board; Wells Hall Students Have Similar Club.



Like muffins and salads? The girls in Concord House do, for here are Ruth Starke, '38, Arcadia, and Anne Stiglick, '40, L'Anse, preparing them for the evening meal. The 18 girls in residence manage the home on a cooperative basis.

"YOU must see our red curtains," said Betty Crane, Portland, as she entered the living room of Concord House in a brightly decorated red and yellow apron, holding a carrot in one hand, and a grater in the other. "We're going to have a red garbage can, too, even if we have to paint it ourselves."

She was referring to plans to set the attractive kitchen of Concord House, Michigan State's first cooperative co-ed home, off in a color scheme of red. Concord House, formerly called Cooperative House, is only one block off campus in the residential section of East Lansing. There 18 girls, under the supervision of Mrs. F. M. Cole, Birmingham, house-mother, carry out all the duties necessary to good housekeeping.

Will Be Permanent

The cooperative arrangement was established a year ago as an experiment in search of a solution to Michigan State's co-ed housing problem. It has proved so successful that Dr. Elisabeth W. Conrad, dean of women, and J. S. Hannah, college secretary, have recommended it has a permanent plan.

Housekeeping assignments are made under a division of labor plan. Girls having no 11 o'clock classes prepare the luncheon; girls free from classes at 1 o'clock wash the dishes, and two girls are selected to plan the menus one week in advance. All housekeeping details

except tending the furnace are managed by the girls.

Expenses are budgeted from the \$5.25 each girl pays a week for room and board. There is no overdrawing on this budget. Plans for improvement are considered only when purchases can be made within the budget.

Eggs Are Popular

Food prices are watched closely and buying is done accordingly at Concord House. "We're eating lots of eggs this week," said one of the girls, "because they're down to 21 cents a dozen. We're eating them every way except as egg shampoo, and we're even considering canning some as noodles."

Fathers of the 18 girls are interested in the \$90 saving each girl makes a year. Mothers like the plan, too, for they look forward to days of leisure when they're daughters come home. The girls admit a disadvantage in letting their mothers see them housekeeping in such a thorough and businesslike manner, but they feel it to be more than offset by the experience gained in stretching dollars and managing their house.

But all does not run smoothly at Concord House. There is the pop-corn popper, for example. Everytime it is plugged in, it blows fuses out all over the house. The pop-corn popper is a necessity at Concord House, but so are the lights. "Ah," one of the girls sighed,

holding a broom dreamily in her arms, "But there are the electrical engineering boys."

And in between fixing stubborn fuse-blowing pop-corn poppers, many of these electrical engineering students are probably eating at the Wells Hall boarding club, "big brother" of Concord House. However, the 300 members of the club do not manage the home; they confine their activities to lopping off boarding expenses.

30 Students Serve

Four full-time cooks do the actual preparing of food for the club, but about 30 fellows are required to serve the 250 students every meal. These boys receive free board as payment, and they earn it. Sweeping, mopping, peeling potatoes, washing tables, dishes, pots and pans are typical of the K. P. tasks these students perform.

"That's the worst job, pots and pans," one boy with a wet apron and perspiring face puffed good naturedly as he scoured away. "I don't mind though, someone has to do it, and we change off a lot, so we won't have the same job three or four years." They're not afraid to help each other, either, and even those who do not work regularly are able to substitute for a regular worker and thus earn many meals.

Tickets for the meals are as cheap, if not cheaper than those in East Lansing restaurants. They may be bought in books for five dollars, with ten per cent off for cash to club members. There are about 300 tickets out, but 250 is the average number eating regularly. Meals cost from 15 to 30 cents a day.

Here's Day's Consumption

Normally, these boys consume three bushels of potatoes a meal, 90 gallons of milk, 24 to 32 double loaves of bread, 25 pounds of butter, six gallons of vegetables and fruit for side dishes, two bushels of cabbage for salad, and 128 pounds of meat a day. Only four and one-half pounds of coffee are necessary; the boys are partial to milk.

Debating Tours Scheduled

Women To Tour Five Southern States And Men, The Mid-West Section . . .

DEBATE activities at Michigan State college have undergone a change in faculty supervision this year. Professor J. D. Menchhofer, former coach of men's debate, is in charge of the coed teams. James McMonagle, speech instructor who came to the college from Flint Northern high school last year, is directing the men's squad.

Numerous debates have been held before granges and other groups during January and February. The men's squad journeyed to Albion February 12 to debate in the state tournament. The women's tournament was held in East Lansing February 20. The season will be completed during spring vacation, when three women debaters will tour five southern states, while Mr. McMonagle takes four men on a trip through the mid-west.

The southern trip for the women debaters, according to the schedule announced by Professor Menchhofer, will consist of debates at seven different schools, among which are Arkansas State Teachers college, the University of Arkansas, Washington university, in Missouri, and the University of Missouri. Besides the group making this trip, three others will be selected to attend the Pi Kappa Delta Provincial Forensic tournament at Kalamazoo college, April 2 and 3. Gordon Fischer, of the speech department, will be the faculty representative at the tournament.

The tentative schedule for the men's trip calls for 20 debates in eight different states. Among the universities to be visited are the following: Illinois, Indiana, Drake, North Dakota, South Dakota, Minnesota, Wisconsin, Marquette, and Notre Dame.

There are 10 girls on the coed squad: Maryan Ashley, East Lansing; Jeane Beukema, Holland; Thelma Bishop, Lansing; Leora Coleman, Lansing; Ruth Fagan, East Lansing; Helen Beattie, Howell; Elva Lee Foltz, East Lansing; Marion Gibson, East Lansing; Phyllis Meyer, Wayne; and Mary Alice Smith, Lansing.

The twelve members of the men's squad are: James Amsden, East Lansing; Russell Kirk, Plymouth; Robert Refior, East Lansing; Elmer Boyer, Big Rapids; Fred Belen, Lansing; Donald O'Hara, East Lansing; Stanley Everett, Battle Creek; Kenneth Greer, East Lansing;

Norm Jones, Grand Rapids; Alvin Kowalski, Bay City; and John Lacey and Gerald Winter, East Lansing.

The question for debate is: "Resolved: That congress should be empowered to fix minimum wages and maximum hours in industry."

H. B. Keydel, '20, Dies

A FORMER member of the Detroit Alumni association, Hans B. Keydel, class of 1920, died at his home, 770 University place, Grosse Pointe, on January 20.



H. B. Keydel, '20

For years he was actively interested in alumni affairs in Detroit circles. In addition to heading the Michigan State alumni club, he was vice president and a director of the Detroit Inter-collegiate club.

Each year since graduation, he cooperated to make Michigan State's annual homecoming a great success.

During undergraduate days he was a member of Sigma Alpha Epsilon, and the Dramatic society. He also served on the Wolverine board. He had a war service record which kept him from attending college in 1919, and held a captain's commission in the Officers Reserve corps. In 1920 he received his Bachelor of Science degree.

After graduation he entered business with his father in the Household Paper Products company in Detroit. At his death he was general manager of the firm.

Surviving him are his wife, Corinne; a daughter, Elizabeth Ann; a son, Robert; his parents, and two brothers, Kurt and Oscar.

Form Music Alumni Association

A music alumni association will be established at Michigan State some time during the present school year. Twelve alumni of the music department met in the Union building January 24, when committees were appointed to formulate a tentative plan of organization. These committees will present the plans to a

conference of all music alumni to be held in the Spring.

The purpose of the association will be to establish closer contacts between the music graduates and the college department, which will result in their mutual development and growth. At the end of this year there will be 133 graduates from the music department.

Alumni present at the conference were Paul Grady, Garret Ebmeyer, Virginia Day, Ralph Freedman, Kathryn Faner, all of Flint. William Coburn, Ithaca; Maxine Sturgeon, Davison; Eldon Durkee, Lake Odessa; Doris Houghton, Detroit; Wallis Rand, Three Rivers; Evelyn P. Bailey, East Lansing, and Gwendolen Miller, Mason.

The faculty was represented by Dean L. C. Emmons, liberal arts; Prof. Lewis Richards, head of the music department, and Miss Josephine Kackley, professor of public school music.

State's Who's Who

(Continued from page 7)

civil engineering; E. L. Austin, education; V. R. Gardner, horticulture; W. O. Hedrick, economics; P. A. Herbert, forestry; E. B. Hill, farm management; H. R. Hunt, zoology; H. C. Rather, farm crops; E. H. Ryder, history and political science; H. J. Stafseth, bacteriology.

Other faculty members in Michigan's "Who's Who" are R. L. Bateman, instructor in chemistry; C. F. Bradford, associate professor and research associate in horticulture; C. M. Cade, associate professor of civil engineering; L. L. Frimodig, associate professor of physical education; H. D. Hootman, extension specialist in horticulture; C. A. Hoppert, associate professor of chemistry; R. S. Linton, assistant professor of education.

W. J. Muilenberg, assistant professor of English, now retired, Miss Edna V. Smith, state leader of home economics extension; G. O. Stewart, alumni secretary and director of N. Y. A.; F. M. Thrun, associate professor and research associate in economics; and Miss Elida Yakeley, registrar.

J. W. Gunnison, w'66, Dies

As this issue of the Record was going to press word came of the death of J. Warren Gunnison, w'66, at the home of his daughter, Mrs. Paul B. Pierce, 605 Moores River drive, Lansing, following a long illness. The April issue will carry a more detailed account of his death.

... Scholarships

Keeping the positions they have held for the last two years, FarmHouse topped the scholastic list for fraternities with a 1.626 average while Alpha Gamma Rho placed second with 1.543. The all men's society average was 1.221, a drop of .03 from last year.

... Tops

Setting an all time sales record for the Wolverine more than 1900 copies of this year's book have been sold.

... Hell Week Restrictions

Fraternity initiations will not be what they once were, for the interfraternity council has adopted constitutional changes placing restrictions on activities during Hell Week. The new provisions list the hours as 5 to 12 p. m. on Wednesday, Thursday and Friday and from the time the pledge is through classes until 8 a. m. Sunday morning. Any injury received by a pledge as a direct result of initiation will be considered a violation of the constitution and the fraternity inflicting the injury will be punished.

Another new feature is an examination to be given spring term by the Interfraternity council to the pledges of all fraternities covering the material he was supposed to learn during his training. A cup will be awarded to the house making the best record.

... Colonels

Vincent I. Vanderburg, a senior from Muskegon, was named cadet colonel of the R. O. T. C. unit by Colonel Selwyn D. Smith. Other major appointments include Robert J. Rosa, '37, Schenectady, New York, as lieutenant-colonel for the cavalry, and Edgar W. Killian, '37, Detroit, as lieutenant-colonel in the infantry.

... Essay Contest

As his first official act as head of the 1937 Water Carnival, Ward VanAtta, senior from Northville, has announced



F. W. Fabian, associate professor in bacteriology, center, is explaining the structure of the pickle to a group of graduates in his experimental laboratory. Left to right, they are E. A. Johnson, M. S. C. '36; R. G. Switzer, M. S. C. '35; A. E. Hook, U. of Wisconsin, '34; and C. E. Wadsworth, U. of Maine, '34.

an essay contest closing March 1, from which the theme for the carnival will be chosen.

... Speeches, Play

In the student lecture course for winter term two outstanding personalities have been presented and one group of Shakespearean players. Father Bernard R. Hubbard, "the Glacier Priest," told of his adventures and showed motion pictures of the North when he lectured January 12. Dressed in wool shirt, cords, and high boots, Lew Sarett, nature poet, read his lyrics and discussed philosophies and their bearing on present-day poetry, January 19. "Julius Caesar" and "Comedy of Errors" were presented by the Old Globe theater players January 25.

... Promotions

The State Board of Agriculture recently promoted 28 Michigan State College faculty members to higher positions. Eight professorships, eight associate professorships and 12 assistant professorships were named.

Faculty promotions are made, after being recommended by the deans of the various divisions, on a basis of training, teaching experience and qualifications as an instructor.

Alumni affected by the change in ranking include C. E. Robey, '13, promoted from assistant and specialist in agriculture engineering to assistant pro-

fessor and research assistant; C. M. Cade, '07, from associate professor to professor of engineering; and E. K. Sales, '16, from assistant to associate professor of medicine and surgery.

... Professor King

After completing 36 years of teaching at Michigan State college, Prof. E. S. King, former associate professor of speech and dramatics, submitted his resignation to the Board of Agriculture at the end of the fall term. Professor King, or "Prof.," as he was better known, headed the dramatic department for as many years.

Believing that 36 years is long enough for any person to teach, "Prof." now intends to travel and enjoy freedom. He plans to spend as much time as possible in New York on Broadway, where he spent Christmas vacation and where he will soon return.

... New Magazine

You may obtain your copy of the new campus monthly serio-comic magazine, The Spartan, by sending 15 cents to James Hays, The Spartan office, Union building, Michigan State college. Fifteen cents brings you 20 pages of smiles, stories and cartoons built around old familiar scenes and favorite professors. Back copies of the December and January issues are still available, and the February issue is now on sale. Please specify the issue desired when you order.

*Close Beside
the
Winding
Cedar*

By Jean Wilson, '40



One of the most serviceable places in the Union is the cafeteria where more than 400 students and faculty eat daily.

M. S. C. Union Today

THE click of high heels on the stone floor—glimpses of rich reds, blues, greens, and browns on overstuffed furniture—easy chairs—long lounges—smiling faces in the cafeteria—pleasant hum of conversation—long rhythm of a new swing piece in the ballroom—white walls against a blue ceiling in the foyer—smoke curling lazily over cokes in the grill—students chatting with the folks from home—co-eds receiving a little pep-talk from parents—flashes of glassware in the Sunset room—these things are the Union—these are the things that make it near and dear to student hearts, and give it an air of welcome to alumni.

And along with this comfort, service and entertainment, it is possible that a co-ed, after paying her fees at the beginning of the term, need never leave the Union until the quarter ends. She can live in the Union dormitory, eat in the Union cafeteria, attend classes in the Union annex, and model or paint in the Art department which occupies the upper two floors of the annex.

Her books and other school supplies might come from the Union desk, as might magazines and other things she desires. She might have her hair done in the Union barber shop, and receive her date in one of the Union lounges. She could have a coke at the Union Grill, study in the lounge, attend a dance

upstairs in the Union ballroom—or go to her date's fraternity term party if it were being held in the Union. The ballroom might offer a dramatic presentation or a music concert.

Nor need she neglect her club activities, for the chances are ten to one that her particular club would hold its meetings in one of the many rooms in the Union. And if she simply had to have a job, she might work in the Union cafeteria, kitchen, check room or office, as many students do.

The main desk in the lobby commands its quota of followers. It is campus headquarters for party tickets, cigarettes, candy, stationery and other school supplies. There is a used book service, too, which last term sold \$1,600 worth of second-hand volumes for students. And lately a buy-a-coupon plan of reducing prices to students has been inaugurated.

Downstairs the cafeteria attracts more than 400 people daily with well-prepared and well-served food. In addition, it supplies food for 70 girls in the Union dormitory on the third and fourth floors three times a day. There is an enormous amount of catering done. From private parties of six or seven to club or society groups of a thousand or more, the Union takes care of them.

Here's a cross-section of the club and group activities in the Union for a single week. Affairs range from a freshman mixer to the president's ball. They include dinner dances for student organizations, private parties from East Lansing and Lansing, sorority formals, luncheons for the Michigan Rural Electrification League, Michigan Gardening Club, and Missouri alumni, banquet for the Central Michigan Dental society, Varsity Club party, Debate clinic and the Lansing Exchange club.

A welcome hand awaits home-coming alumni at Alumni Secretary Stewart's office, and Dean of Men Mitchell next door

Executive Group Of M. S. C. Association

OFFICERS

Earle E. Hotchin, '12, president; George "Carp" Julian, '15; first vice president; William Taylor, '23, second vice president; Glen O. Stewart, '17, executive secretary; Harold Plumb, '21, treasurer.

DIRECTORS AT LARGE

W. O. Hedrick, '91; J. A. Hannah, '23; Mrs. Ruth James, '28; Mrs. Olive Graham Howland, '09.

ALUMNAE LEAGUE OFFICERS

Mrs. Olive Graham Howland, '09, president; Mrs. Marjorie Robertson Shilson, w'25, first vice president; Margaret Harris, '30, second vice president; Mabel Mosher, '08, secretary; Mrs. Marion Grettenberger Musselman, '18, treasurer; Frances Ayres, '25, chairman social committee.

receives hundreds of male collegians every week with problems ranging from academic problems to the kind of studs being worn at formals this year.

Faculty club rooms on the third floor provide quiet and comfortably furnished quarters for the harassed professor. He may read a current periodical, test his skill at ping-pong or billiards, chat with a number of friends, or just relax. In addition to faculty clubrooms, there are two other rooms on the third floor,



A serious problem, but it's being solved at the Union desk, where information concerning any activity in the building can be readily obtained. Here students may purchase newspapers, magazines, second-hand textbooks and candy.

where campus organizations may transact their business.

Offices of the Michigan State News, bi-weekly student newspaper, and the Wolverine, college yearbook, are always hives of activity in the new annex. And back in the main lounge, the office of the Spartan, newly-born campus serio-comic, is just beginning to buzz busily.

That's today's Union, humming with activity from early morning until late at night, providing cultural and educational training for State's 4,627 students. And B. R. Proulx, '22, guides its destiny.

Captain Renno Compiles History

Captain J. G. Renno, of the Coast Artillery unit of the R. O. T. C., is compiling a history of the military department of the college.

Among the interesting facts he discovered are those concerning the first professor of military science and tactics, Col. John A. Lockwood, U. S. Army, now retired. Colonel Lockwood was a captain at the time he took over the post here. He built a target range in a swamp two miles from Chandler's marsh, near East Lansing, and worked with the small group of students who signed up for the then-optional military training.

Among the first squad he directed, the Colonel remembers three men who became particularly well-known: Ray Stannard Baker, '89, now an author who lives at 40 Sunset avenue, Amherst, Massachusetts; Joseph B. Cotton, '86, who prior to his death in New York was a prominent corporation lawyer; and William A. Kinnan, '86, who, according to Colonel Lockwood, served at one time as assistant Secretary of Interior, and now lives at 3905 Huntington, Washington, D. C.

Edwin C. Whitney, '36, and Clarence Bos, '35, are doing active work with the regular army at Fort Sheridan, Illinois, prior to taking examinations for appointments as second lieutenants.

Vets Organize

Graduates of the veterinary science division of Michigan State college recently took the first step toward the organization of an alumni veterinary club when they met here and elected Dr. C. F. Clark, '29, of the pathology department, president; E. K. Sales, '16, professor of surgery and medicine, secretary. Lewis Wileden, Mason, Michigan, first graduate of the veterinary science division in the class of 1913, was present.

The attractively furnished Union lounge room provides an atmosphere conducive to study. Student groups, like this one, can be seen in the comfortable lounge room many times during the day.



Miss Effie L. Ericson Describes Experiences In Spain

I dodged bullets and ate stale bread in Barcelona. I saw mules shot and left to rot in the sun in the Plaza de Catalunya. I watched airplanes bombing the last rebel barracks a few blocks from my pension. I saw smoke rising from burning churches all over the city."

These and more were the experiences of Miss Effie L. Ericson, '30, teacher of Spanish in Lansing Eastern high school, while she was trapped in Barcelona at the outbreak of the Spanish Revolution last summer.

"I had left my baggage at my pension in Barcelona," said Miss Ericson, "and had taken a four day walking trip through the Pyrenees by myself. I ran into a bus strike on the trip and found that quite exciting, little realizing what was in store for me. Upon arriving back in Barcelona I noticed people looking at me suspiciously, but I thought it was part of the bus strike, so I spoke jokingly to my companions of the possibility of excitement.

"At about four-thirty the next morning I was awakened by shots, but I thought it was some sort of celebration for the Olympic stars in the city at the time and went back to sleep. By six-thirty no one could sleep and we all collected in the hall. The Senora calmed our fears and told us that it would be over shortly. By eight or nine it still wasn't over and we found that there

was a general strike. There were no street cars, taxis, trains, telegraphs, telephones. We were completely cut off from all other life except that in the pension—the fighting was so bad.

"We tried everything to keep our minds from our predicament. I was the only English speaking person in the pension; previously we had merely nodded to each other at meal times, but suddenly we were drawn closely together; we realized that life was only one second long!

"The third day the shooting had quieted enough to allow us to go out on the streets. The city was covered with a haze of smoke. All the churches except the Cathedral had been burned, as they had been used as rebel forts and arsenals. Everything was going on at once: mules rotting in the sun; a priest killed near the pension left lying on his face; a woman with a new-born baby being carried to the hospital; fires; shouting; beautiful Barcelona wrecked!

"I finally escaped from Barcelona by car through the help of a Spanish friend. It took us five and one-half hours to go 45 miles to Tosca, a fishing village on the Mediterranean coast. We were faced by guns and searched countless times. Three days after my arrival at Tosca I was taken from the village on a British destroyer to Marseilles. It was a dramatic, unplanned week."



One of the tense moments during the Syracuse vs. State basketball tilt. Caught in action were Dorian Wilkinson (20), Howard Kraft (18), Eddie Rolan, number not visible, and Leonard Osterink (21). Their attention is focused on a Syracuse player, whose intentions appear to be obvious.

Courtesy Leavenworth

Basketball, Swimming, Track, Wrestling—Here's The Dope

By George Alderton

Len Osterink, tall Grand Rapids sophomore forward, seemed to be the only consistent scorer. Ron Garlock, a two-year veteran, alternated between guard and forward. The team lacked scoring strength and generally looked bad in mid-season.

Wrestling, without a single veteran, produced a weak team. Clifford Freiberger, the likeliest prospect, suffered a broken arm, and the team progressed from one defeat to another.

Coach Russell Daubert has what he thinks is the strongest swimming team in history. All but two varsity records fell last year, and Daubert sees another new array of marks in prospect this year. He has condensed his schedule this year to two meets each week.

Sophomores won the soph-frosh track meet and the juniors won the interclass tilt. Ken Waite ran 4:29 for a meet record in the mile, and Dick Frey did 4:33 for a freshman record.

PLAYING a heavy schedule, State's young basketball squad found the going very rough this season. Coach VanAlstyne, who has returned winners in a majority of the years he has been at the helm, feared disaster would overtake his club and his predictions were borne out as the campaign wore along.

Loss of such players as "Bill" Cain, Maurice Buysse, Joseph Smith, Dan Reck and others had its effect early in the season, but Coach VanAlstyne thought his charges would improve as they gained experience. The squad faced one difficult assignment after another in quick succession and once having lost its balance after the Syracuse victory, never quite regained it. Ten hard games were played in 27 days, providing little time for rest, let alone the strenuous practice sessions that Coach VanAlstyne felt the team needed to perfect its play.

The season started with a 32-22 victory over Albion. Michigan handed the Spartans their first defeat, 34-21, pulling away in the second half after a hard fight in the first 20 minutes. State lost to Kentucky at Lexington, 28-21, and came home to soundly defeat Kalamazoo college, 38-19. Going to Cleveland, the Spartans played games

on successive nights. They lost to a surprisingly strong Case five, 38-34, and then came back to beat Geneva the next night, 42-41. Geneva later proved its calibre by defeating Long Island university, the strong New York team.

The Spartans avenged the earlier defeat at the hands of Kentucky by beating the Wildcats in a return game at East Lansing, 24-23.

Struggling desperately, State was defeated by Marquette, 32-25, at home and then rallied superbly to defeat a strong Syracuse team, 36-30. The Spartans were probably best against Syracuse. Northwestern beat State at Evanston handily, 44-25. The Hawaiian All-Stars won here, 25-24, and then Hope college came along to pour on a humiliating defeat, 25-21. The lineup, changed frequently, made little difference. Wisconsin won at Madison, 22-17, and Butler won at Indianapolis two nights later, 27-21.

State lost to Butler university, 27-21, on Butler's court. Then followed two home games, University of Michigan winning, 38-31, and DePaul university defeating State, 23-21. Winding up the season, State and Marquette university clashed, Marquette winning, 31-26.

1937 Grid Schedule

- Sept. 25—Wayne University, home.
- Oct. 2—University of Michigan at Ann Arbor.
- Oct. 9—Manhattan College, at New York
- Oct. 16—University of Missouri, at Columbia, Mo.
- Oct. 23—Marquette University, home.
- Oct. 30—University of Kansas, home.
- Nov. 6—Temple University, at Philadelphia.
- Nov. 13—Carnegie Tech., home.
- Nov. 20—Permanently open.
- Nov. 27—San Francisco University, at San Francisco.

Soils Specialist

Paul Barrett, formerly county agent of Cheboygan county, was appointed specialist in the soils department of M. S. C. on January 1, 1937. Mr. Barrett is an extension specialist who recommends soil conservation methods and then checks to see if farmers are successful in their use. At present Mr. Barrett is working jointly with the Federal Conservation service and with the College in Berrien County, Michigan.

... Mark April 17

All athletic-minded alumni and others are invited to the campus to help Michigan State dedicate her new track and field layout in a dual meet with the University of Chicago on April 17.

Judged by track authorities as one of the most modern track and field plants in America, the new cinder garden incorporates the best features of leading tracks in United States and Europe. Director Young appealed to more than 60 outstanding coaches for information when the plans were made.

Its 250 yard straightaways are 35 feet wide, permitting 12 individual lanes. The "railroad" curves are longer than those on ordinary tracks and facilitate higher speed. The infield is so arranged that all field events may be run off simultaneously. Broad jump and pole vault pits have runways from two directions.

Scientist E. C. Millar, professor in the college soils department, was consulted in the construction of the track. After several experiments he discovered a mixture of loam and clay that proved ideal.

Professor Young intends to issue special invitations to all track coaches and athletic directors throughout the middle west. Former Spartan varsity winners, all former State track coaches, and national collegiate officials will be contacted. Efforts will be made to secure all Spartan track captains, former track men who represented the college in the Olympics, and the 21 State track men who have been named All-American.

... Life Savers

As the Spartans of Greece assembled on Mount Olympus to show their physical skill, so do the Spartan women of Michigan State assemble at the gymnasium to display their numerous talents. The keen competition in fencing, riflery, basketball, swimming, dancing and tumbling is an incentive to the women students to participate although many of these sports are extra-curricular. During spring term the outdoor sports, tennis, baseball, horse-back riding, and archery, are popular.

Life saving instructions are given by members of the Green Splash, the local swimming honorary, to about 80 women, according to Dr. Lydia L. Lightring, head of the Women's Physical Education department. Those who pass their life saving examination will receive the American Red Cross senior life saving award.

During Farmers' Week here eleven girls selected from the tumbling classes

Speaking Of Many Sports

gave an exhibition at Demonstration hall. The tumblers were: Tassie B. Jordan, '38, of Detroit; Ruth L. Ogden, '38, Grand Rapids; Eunice E. Converse, '37, Alma; Catherine E. Adams, '38, East Lansing; Dorothy E. Aungst, '39, Saginaw; Thelma D. Bishop, '38, Lansing; Harriet E. Skidmore, '38, East Lansing; Alice R. Eastwood, '37, Grand Rapids; Lois M. Herbage, '38, Saginaw; Lucile A. Provost, '38, Cheboygan; and Dorothy E. Russell, '39, Flint.

Since the establishment of the Women's Physical Education department in 1928, 66 women have graduated with majors in the division. Of the nine graduates last June, all but one have positions, and three of these were placed in the Detroit school system.

... 41 Letters

To present athletic awards for football and cross country men, Michigan State college held its seventeenth annual football banquet in the gymnasium on December 12. A record number of 34 gridgers were given major letters, along with seven cross country men led by Captain Kenneth Waite, Jackson, who received varsity awards.

Richard E. Remington, metropolitan sports writer and football official, selected his annual all-state high school football team. He presented each of them with a medal signifying all state honors. Mr. Remington discussed high school football and numerous sidelights of the players.

Hon. Frank D. Fitzgerald presented the Croix de Guerre for American achievement to Sam Ketchman, veteran center, who was named most valuable by his team mates. Ketchman's home is in Battle Creek.

... What Price Washrags

It may sound queer, but of the 3,500 men students taught to swim at Michigan State college in the last decade, those who were brought up with a washrag in their hands took twice as long to learn to keep from sinking.

R. B. Daubert, swimming instructor, wondered for years if there was any reason for certain persons learning how to swim in three weeks, while others required twice as long. So he began diagnosing.

The washrag is the reason for the difference, according to Daubert, who proves it with figures. Those accustomed to scooping up water with their hands when they wash out eyes and ears have far more confidence when they meet up with the water in a swimming tank. The boys who are accustomed to washing their faces and necks with a washrag lack that confidence.

"It's not a matter of cleanliness," says Daubert. City boys are more accustomed to running water, and they use the hand scooping method more often. Those used to washing in a basin are more often the washrag addicts.

Among the 3,500 students who have been in his swimming classes to learn to swim, the following percentages have been observed. Agricultural and veterinary science students average 57 per cent non swimmers, liberal arts, 23 per cent, engineering, 25 per cent, and applied science boys, 21 per cent.



Above represents one of the many activities in which girls in the physical education department participate. In addition to dancing, girls become skilled in swimming, fencing, archery and basketball.

Keeping You Informed

*Stories Deal With Research, Conferences, Meetings,
Speeches And Announcements.*

RESearch in Shenandoah National Park led William G. Keck, '29, Michigan State geophysicist, to reverse previous scientific opinion in regard to electrical currents flowing through the earth's crust. Current flows in an east-west direction, declares investigator Keck, and the flow is uniform, and not in an uphill direction as was formerly concluded.

Mr. Keck came to these conclusions after taking a postman's holiday last summer to travel west with Dr. W. J. Rooney of the department of terrestrial magnetism, Carnegie institution, Washington, D. C., to measure current flow.

Mr. Keck, instructor in Michigan State's physics department, received his master's degree in '33, and at present is working on his doctor's degree in addition to carrying a full time teaching load.

Eunomian

Eunomian and Olympic alumni are invited to return to the campus on Friday, March 26, to spend the week end at the Sigma Nu house. Organize your own group with whom you want to hash over your college experiences.

This was tried as an experiment last year and the "boys" had a grand reunion. Just pack your tooth brush, another shirt, forget the Social Security and thumb your way back for the week end beginning March 26. Send reservations to E. E. Hotchin, East Lansing.

College Starts

Collegium Musicum

The Collegium Musicum, created this year by the music department, is the first of its kind in America. In the early part of the eighteenth century the immortal German composer, Johann Bach, introduced at Leipzig the first musicum. Since then its popularity has lived with students of the universities of Germany and other European schools.

The musicum series consists of a sequence of semi-public programs of music from the eighth to the eighteenth centuries. The programs are designed to conform as nearly as possible to conditions contemporary to the compositions being rendered. Prior to each program, held in the Union alternating Sunday afternoons at 4 o'clock, a talk

is given to explain the culture of the age being represented in the program.

Following the music a discussion is held. Any questions concerning the music may be asked or anyone can request some number of the program to be repeated. The forums are led by Dr. Leonard Ellinwood, director of the musicum, who joined the music staff last September.

Preceding each program, original manuscripts and facsimiles of the music, together with other interesting items connected with early performances of the composers, are exhibited in the college library.

A special group of singers chosen from the A Cappella choir, under the direction of William Kimmel, instructor in music, rendered the first of the series of the musicum, singing the medieval "Office of Vespers."

G. E. Ewing, '92, Dies

George E. Ewing, '92, farm operator, and prominent resident of East Lansing, died at his home, 307 Abbot road on January 7 after several weeks of illness.

Mr. Ewing majored in agriculture

when he was a student at Michigan State. Following graduation he operated his own farm south of Grand Rapids. He maintained an active interest in this enterprise until his death, although ill health had forced him to retire in 1914, when he moved to East Lansing.

He sent a son, George Francis, '12, and two daughters, Alice A., '21, and Meta M., '21, to his alma mater. During his residence in East Lansing, he kept in touch with affairs at the college, and made a great many intimate friendships among campus people. He was a charter member of the Hesperian society.

Soils

Dr. James Tyson, '21, specialist in turf management, addressed the National Greenkeepers association at the Wardman Park theater in Washington, D. C. on February 2. He discussed golf course soils in which he did considerable research during the past several years.

Dr. Tyson secured his doctor's degree at M. S. C. in 1929. Since 1921 he has been associated with the soils department. At present he is preparing a bulletin on pasture fertilization.

Highlights Of WKAR

HERE you'll find the highlights of WKAR for the next two months.

News of the College, Tuesday at 4:15 p. m.; Spartan Sports Review, Friday at 4:15 p. m.; Calendar for the Day, daily at 8:45 a. m.; Home Economics, daily at 10:45 a. m.

Michigan History Talks, Tuesday at 2:15 p. m.; Chemistry, Friday at 3:15 p. m.; Our American Language, Tuesday and Thursday at 2:30 p. m.

Farm Service Hour, daily at 12 noon; Forum Discussion, Wednesday at 4:15 p. m.; Child Development, first Monday of the month at 3 p. m.; Civil Engineering, Thursday at 3:15 p. m.

Michigan Education Association, Tuesday at 4 p. m.; Man on the Farm, Saturday at 1 p. m.; Michigan State Grange, Monday at 1 p. m.

Geography in the News, Wednesday at 3:15 p. m.; Shakespeare's Comedies in the Theater, Monday, Wednesday, Fri-

day at 9:45 a. m.; Soil Management, Thursday at 1 p. m.; Spanish Lessons, Wednesday at 9:15 and Thursday at 4 p. m.

Michigan State Department of Conservation, Wednesday at 1 p. m.; Michigan State Highway Department, Friday at 1 p. m.; Cruising with Michigan State Police, Tuesday at 1 p. m.

Political Science—State Government, Monday, Wednesday, Friday at 2:10 p. m.; The Stulberg Trio, daily at 3:30 p. m.; News Flashes, daily at 8:15 and 11:45 a. m.

French Lessons, Thursday at 9:15 a. m.; Great Romans, Wednesday at 11:30 a. m.; The Art and Science of Music, Thursday at 3 p. m.; The Radio Reading Circle, daily at 10:45 a. m.

Musical Memories, daily at 9 a. m.; Biology for High Schools, Thursday at 2:15 p. m.; Accordiana, Monday and Friday at 11:15 a. m.; 4-H Club Program, Saturday at 12:30 p. m.

Pulse-Taker Ellis, '07

PROBABLY one of the most unique jobs in the country is that of George Henry Ellis,



George Ellis, '07

suit of technical facts for state or public utility companies.

When he is suspended above the river, he lowers a water-meter, a small, propeller-like affair weighted by a lead "fish," to measure the velocity of the current. He also measures the depth of the river bed at various spots. From these and other figures he determines the amount of water flowing beneath him.

After he has "talked with the fish" and made his calculations, Mr. Ellis goes ashore for a conference with the company engineer to tell him how many kilowatts the power company should be able to squeeze from the tested stream. If this amount does not correlate with what the company actually gets, that is another problem.

Hydrographer Ellis entered the United States reclamation service in 1909 and remained until 1920 when he became associated with the Middle West Utilities company. Later he became associated with the Montana Power company, his present employer.

... Musician Gingrich '02

Ear education is the profession of Irving Gingrich, '02, well known music teacher and composer, now associated with the DePaul University School of Music.

Professor Gingrich began with a few students in 1929, and has had a constant increase in registration throughout the depression years. In his teaching he applies the results of four years of scientific study at Michigan State college as well as his theoretical music education from Adolph Weidig.

Prior to his going to DePaul, Musician

'07, who travels here and there taking the pulse of rivers.

After graduating from Michigan State's civil engineering school, Mr. Ellis became interested in hydrography, the science of water measurement. For the past 20 years, he has been suspended above many rivers in pur-

Gingrich taught in South Bend conservatory and public schools in Indiana, Utah and Miami, Florida. He went to Chicago in 1915, and in 1927 was teaching voice and theory at Northwestern conservatory and his home studio.

His published compositions are listed in the catalogues of Willis Music Co.; John Church Co., of Cincinnati; and other leading publishers. He has submitted more than 1,000 manuscripts, of which about 50 have been widely published. His art song, "Beloved It is Night," won a prize, and "Romance in D Flat," for piano, honorable mention in the Chicago Daily News contest. Two manuscript organ numbers, "Scherzo in G," and "Grand Choer in A Flat," appear frequently on programs. He is the author of "The Jolly Tars," an operetta published by the Willis Music company.

Mr. Gingrich is treasurer and one of the founders of the Choir Directors Guild of America, treasurer of the Western Music Library, Inc., and is a member of Rho Chapter, Phi Mu Alpha, and Sinfonia Fraternity of America.

... Preacher Frank '24

IN Windsor, Connecticut, stands the oldest Congregational church in the Western hemisphere. It is more than

300 years old. Its history is steeped in tradition, and during its long spiritual reign over Windsor only 16 ministers have served within its ancient walls. The present pastor is Dr. Theodore "Ted" Frank, '24, appointed in September, 1932.



Dr. Theodore Frank, '24

Enrolling at Michigan State college in the school of forestry in 1920, Dr. Frank was active in extra-curricular activities. His memberships in student clubs were numerous—Excalibur, Olympic, Scabbard and Blade, Si Sigma Pi and Student Council. In addition to these he was elected junior class president, was a member of the R. O. T. C., as well as a member of the Peoples church.

After receiving his B.S. in Forestry in

1924, Dr. Frank passed the United States civil service examination. In the fall of 1924 he enrolled in the graduate school of arts and sciences at

Harvard university where he studied philosophy and psychology for three years. Not satisfied with the scope of his education, he entered the Union Theological school in New York City and studied there for three years.

In 1930 he accepted a position as instructor in the American university at Cairo, Egypt. His service at the university ended in 1932 when he returned to the United States to become minister of the oldest Congregational church in America.

... Coach Gauthier '14

THE little giant of Ohio football is what they call George Gauthier, '14, who has just passed his fifteenth consecutive year as athletic director at Ohio Wesleyan university.

His 5 feet 7 inches of muscular, wiry personality, combined with the fact that during the last decade and a half his Ohio Wesleyan elevens have won 89 games, lost 44, and tied nine, is the explanation of this title. He is also the track coach, and perennially Ohio Wesleyan's track team is one of the best in the state.



George Gauthier, '14

Coach Gauthier received his ground training in the grid sport at Michigan State college where he played varsity football in '12 and '13. He was a member of the varsity basketball team during the four years of his undergraduate career. He was also president of the Student Council, a member of Tau Beta Pi and a Eunomian.

After graduation he remained on the banks of the Red Cedar as assistant athletic director until 1919. In 1918 he coached the football squad through the first difficult war year, when he won four out of seven games.

In 1920 he accepted his present position as athletic director at Ohio Wesleyan, where he is probably one of the most popular coaches the institution has ever had. In addition to being an outstanding man on the campus, he is very active in civic affairs.

Following Alumni Club Programs

DEVELOPMENTS in alumni activities this year have been in keeping with the changes of an enlarged college. The meetings of alumni clubs throughout Michigan have been unusually well attended, with enjoyable programs and fine results. By enlarging alumni club memberships to include all former students in a state senatorial district the functional committees became more effective in carrying on projects embracing meetings, memberships, scholarships, endowments, public relations, new students, and publicity.

The following alumni groups have been active since the last Record was issued.

District 13

Under the presidency of Mrs. E. S. James (Ruth Simmons, '28) the M. S. C. club of Flint now covers State Senatorial District 13 or all of Genesee county. On Thursday evening, February 11, approximately 100 alumni and guests attended a banquet and program at the Home Dairy dining room in Flint. Alton Sheldon, '25, and his ticket committee, working against the tense situation developed by the "sit-downers", promoted alumni work against great odds. Speakers from the college included John Hannah, Glen O. Stewart and Coach Charles Bachman. Colored movies and college songs were featured during the evening. Men and women alumni groups of District 13 plan additional projects during the year.

Wayne County

With Ken Scott, '25, heading Detroit and Wayne county alumni activity, new projects are under way. Preparations are being made to publish a directory of the 1,200 men and women graduates in the Detroit area. Mailing cards for directory information have been sent and more than 500 have been returned to Russ Palmer, '22, club secretary. Says Russ: "Accuracy and promptness by our people will speed the directory." An alumni dance will probably be announced soon.

Midland

Although pre-occupied with Christmas activity the alumni of Midland made the District 23 dinner at the Country club, December 15, an outstanding event. More than 110 alumni and guests, from Bay, Isabella, and Midland counties, attended the event, where definite steps were taken to establish all future

*By Glen O. Stewart, '17
Alumni Secretary*

alumni work on a district basis. Talks were given by Coach Bachman, Mr. Stewart, A. C. MacKinnon, '95, of Bay City, and Mr. Hannah. Movies of the campus and 1936 football games completed the evening's entertainment. Officers elected for District 23 are: T. H. Caldwell, '12, district governor; Elmer Kirk, '28, lieutenant-governor of Midland county; W. K. Willman, '21, lieutenant-governor of Isabella county; Howard Mitchell, '32, lieutenant-governor of Bay county; and Wallace Roeller, '33, Midland, secretary-treasurer.

Jackson and Hillsdale

Under the direction of the former officers of the Jackson Alumni club a new district organization was formed in Jackson on Tuesday evening, January 26, when more than 75 alumni and guests of Hillsdale and Jackson counties met at the Congregational church in Jackson.

Winter scene movies of the campus were shown by Secretary Stewart and group singing was led by Kirk Honsberger, '28. George Henshaw, '17, of Jackson, former president of the Jackson club, will continue to serve the District 10 group as governor, and will be

assisted by Jay Prescott, '28, as lieutenant-governor of Jackson county, Blair Woodman, '25, as lieutenant-governor of Hillsdale county and Mrs. P. T. McAndrews (Virginia Malewitz), '35, as secretary-treasurer.

Chicago

Participating in the District 5 meeting of the American Alumni council, held at the Stevens hotel in Chicago, January 29 and 30, was Secretary Stewart, who, because of his similar office with the national association of alumni workers, acted as spokesman. While in Chicago he was the luncheon guest speaker of the M. S. C. Chicago Alumni club at its weekly luncheon in the Lincoln room of the Brevoort hotel. The annual banquet of the Chicago club is being planned for Wednesday evening, March 24, according to Dr. Calvin Overmyer, '18, president, and B. V. Halstead, '24, secretary.

District 15

Through the efforts of V. O. Braun, '24, prosecuting attorney of Shiawassee county, a committee of alumni representing the three counties of District 15, met in Owosso recently and as a result a new organization is being formed. On February 16 a dinner meeting was held at Christian's Tea room in Owosso. Mr. Hannah, Mr. Stewart, and others from the campus furnished the program.

Let's Talk It Over

(Continued from page 2)

increased rapidly (more than doubled in ten years) and is now growing at the rate of about 700 students a year, and

"Whereas the building facilities were inadequate six years ago and there have been no appropriations for buildings during the past six years, and

"Whereas conditions in some departments are such as to make adequate instruction and research impossible.

"Now, therefore, the Michigan Press association requests the legislature and Governor Murphy to appropriate for the Michigan State college sufficient funds during the next biennium to provide for the building program requested by the State Board of Agriculture. If sufficient funds cannot be made available for this entire program, the Michigan Press association urges that at least sufficient funds be appropriated to pro-

(See page 2)

vide for the first eleven items in the building program submitted to the legislature by the State Board of Agriculture.

"It is further resolved, that the secretary of the Association is hereby instructed to forward copies of these resolutions to Governor Murphy and to the members of the legislature; and the members of the Association are urged to use their influence in gaining favorable consideration of these requests."

Today at your college two students walk where one walked before. Buildings are bulging, auditorium is needed, more dormitories are essential and the faculty staff should be increased.

Examine Michigan State's Building program again. Each alumni club or graduate may continue to play a large part in providing educational and cultural advantages to the student body, which comes from every section of the country.

Patriarchs

Charles W. Gammon, '79, gives his address as 97 Cheapside, London, E.C.2, England, and reports that he is "financing and exploiting natural resources."

Charles B. Collingwood, '85, is spending the winter in Clearwater, Florida, where he lives at 451 Gulf View boulevard.

1889

Ernest L. Bullen serves the Homeland Building company, 22-32 East 8th street, National City, California, as chairman of the board.

Lewis C. McLouth is consulting engineer for the McLouth Steel corporation of 300 S. Livernois avenue, Detroit.

1891

Willis A. Fox, of Angola, Indiana, is spending the winter months in Bradenton, Florida, where he may be reached at 2405 Ninth avenue.

M. Edwin Greeson died at his home in Kokomo, Indiana, on July 5, after a long illness. Mr. Greeson taught in the Kokomo High school for a few years after graduation, leaving that position in 1902 to join the traveling sales staff of the Scribner Book company. In 1904 he became a member of the engineering corps of C. N. Perry, engaged in a project to control the flow of the Colorado river and convert it to irrigation uses in the Imperial Valley in California. In time he became a resident of Imperial Valley and operated a ranch there for many years, returning to Kokomo in 1926. He is survived by his widow and two brothers.

1895

George B. Crow is in the wholesale fruit business in Petoskey, Michigan. His daughter, Mildred, was graduated from the college in 1932.

1896

Chester D. Sharp is a partner in the law firm of Sharp & Sharp, 232 Brotherhood building, Kansas City, Kansas.

1898

J. E. Bates writes from 7557 Ridge boulevard, Chicago: "I have planned many times to attend homecoming but each time at the last moment was unable to attend. But next year I shall be there, for I have not been at the college since I left it 40 years ago. For 25 years I have visited almost every civilized country in the world while employed by the Oliver Chilled Plow works at South Bend, Indiana, so I have had very little time to visit my old school."

W. J. Merkel is vice-president of Schroeder Timber Products company in Revelstoke, British Columbia.

1902

LeGrande D. Kelly is secretary-treasurer of the G. A. Kelly Plow company of 101 S. Center street, Longview, Texas.

Charles C. Lautenschlager is an inspector for the Michigan Milk Producers association, 406 Stephenson building, Detroit.

John J. Arnold is a photographer in Walla Walla, Washington, with studios at 4 East Alder street.

1903

Jay G. Laffer is a farmer and dealer in farm implements in Bangor, Michigan.

Charles B. Rose, works manager and assistant to the president of the Baldwin Locomotive works in Philadelphia, lives at 1900 Rittenhouse Square.

Mirroring The Alumni World

By Gladys M. Franks, '27
Alumni Recorder

1906

J. C. Hogenson is extension agronomist for Utah State Agricultural college at Logan.

1907

Professor George A. Brown, of the animal husbandry department, was elected president of the American Society of Animal Production at the close of the organization's 29th annual meeting held late in November.

Charles McNaughton died at his home in Minneapolis, July 4, 1936, after an illness of several months. Mr. McNaughton was a graduate of the agricultural division and a member of the Columbian Literary society, now Sigma Alpha Epsilon fraternity. After graduation, he was engaged in the agricultural implement business with his father in Middleville, Michigan. Later he moved to Grand Rapids and then to Minneapolis where he was in charge of the Northwest branch of the United Engine company. For the last four years he was in the land division of the First Minneapolis Trust company. He is survived by his wife, who was Miss Hazel Mitchell of Vermontville, three daughters, and a sister, Edna B. McNaughton, '11.

Fent E. N. Thatcher is judge of probate in Muskegon, Michigan.

Frank W. Tufts, tool engineer with International Harvester in Milwaukee, lives at 4000 N. Morris boulevard.

1908

Frank M. Hecox is a salesman for General Motors in Los Angeles, where he is living at 1672 S. Harvard boulevard.

A. E. Rigerink has been transferred from New Haven, Connecticut, to the Petrolagar Unit in Chicago. He lives in Evanston at 2817 Central street.

1909

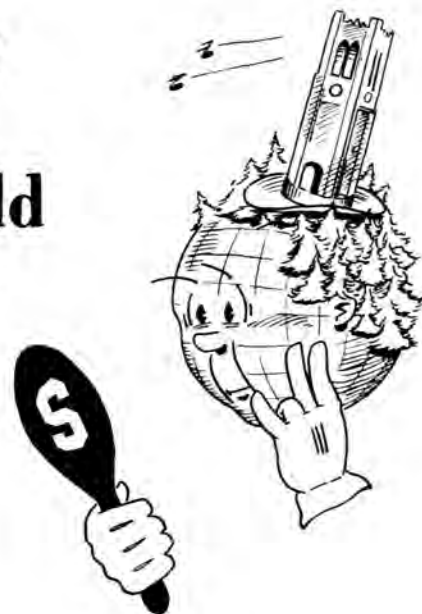
Coyne G. Bullis is employed under Civil Service as a machinist at the U. S. Naval Torpedo station in Newport, Rhode Island.

Harry L. Cantrick lives at 326 Liberty street in Painesville, Ohio, where he is employed as railroad telegrapher and signalman.

Rufus H. Hyde is engaged in stock and industrial brokerage business in Detroit, and lives in Grosse Pointe Park at 1175 Grayton road.

1910

The past fall found Minnie Johnson Starr busier than usual. She was chairman of the committee on arrangements for the state meeting of the American Association of University Women in Grand Rapids the last of October. A short time before this convention, her mother was taken to the hospital, suffering from shock resulting from a fall. Mrs. Johnson is recovering slowly. Mrs. Starr was also interested in political affairs since her husband, Raymond W. Starr, is the new attorney general for Michigan. The Starrs will make their home in Lansing, where their daughter, Barbara, will be with them. Their son, John, is a law student at the University of Michigan.



ter, Barbara, will be with them. Their son, John, is a law student at the University of Michigan.

1911

Ernest R. Baldwin is sales engineer for the Modell-Friedman Steel corporation of Detroit. He lives in Berkley at 1755 Beverly boulevard.

R. S. Russell is designing engineer for the Wisconsin Axle division of the Timken Detroit Axle company. He is located in Oshkosh, Wisconsin, at 194 Church street.

Edward C. Schubach was recently promoted to assistant master mechanic at the Plymouth Motor corporation in Detroit.

Ralph W. Scott, employee of the Reo Motor Car company for 25 years, and prominent in fraternal circles, died December 18 at his home in East Lansing. He is survived by his widow, four daughters, his parents, and a sister.

1912

The new superintendent of schools in Underwood, Minnesota, is Ralph E. Duddles, formerly of Ulen, Minnesota.

Earle L. Hueber is sales representative in Grand Rapids for the Shell Petroleum corporation. His residence address is 2549 Albert drive.

When the New York Experiment station's Division of Botany was renamed the Division of Plant Pathology and a new research division set up to be known as the Division of Seed Investigation, Mancel T. Munn was placed at the head of the latter division. Professor Munn has been in charge of the seed testing laboratory as part of the old division of botany since 1912. The seed testing work will be a major part of the work of the new division, and in addition investigations will deal with the fundamental factors governing the germination of seeds, improvement in seed testing technique, the role of seeds as carriers of certain disease organisms, and other problems relating to flower and vegetable seeds, lawn grasses, and farm crop seeds.

Verne L. Ketchum is a structural engineer in Portland, Oregon, where he lives at 3144 N. E. 43rd avenue.

Arlie D. Badour, landscape architect with the PWA housing division in Washington, D. C., lives at 1262 21st street N. W.

R. B. Delvin is an electrical engineer at the Canadian International Paper company of Three Rivers, Quebec. He lives in Montreal at 2276 Grand boulevard, N. D. G. (Notre dame des Graces, a city ward).

1913

Lyle A. Prescott is vice-president and chief engineer of the Blaw-Knox company of Pittsburgh. He lives at 2563 Beechwood boulevard.

Willard F. and Louise Hogue Sanborn are living in St. Maries, Idaho, where Mr. Sanborn is owner of a garage, sales and service, at 10th and Main streets.

Homer M. Ward is Allegan county's highway engineer, and makes his home in Allegan at 220 Pine street.

Arthur E. Warner is employed by the U. S. Department of Agriculture as an accountant in the Packers and Stockyards division of the Bureau of Animal Industry. He may be reached through the office at 999 Exchange avenue, Chicago.

1914

Glen Myers and Clara Rogers were married in Lansing on New Year's day and are living in Detroit at 17350 McIntyre.

T. R. Hinger is secretary and treasurer of Universal Manufacturing company, Novi, Michigan. He lives in Farmington at 22626 Brookdale drive.

George T. Smith is the engineer in charge of A C design at the Electro Dynamic works of the Electric Boat company of Bayonne, New Jersey. His residence address is 65 West Fourth street.

Dr. S. P. Doolittle is in charge of plant disease investigation for the United States Department of Agriculture, Washington, D. C.

1915

Major William H. Kasten is now located in Fort Riley, Kansas, where he may be reached at the Finance office. His daughter, Allys Joe, is a freshman at the University of New Mexico.

O. Norman Wangen is vice president of the Fessler Welding Machine company, 24 Custer, Detroit.

1916

Thomas B. Dimmick is office manager for the Resettlement administration in Indianapolis, where he lives at 39 East Ninth street.

Reeva Hinyan is chief dietitian of the California hospital in Los Angeles.

Karl B. King is a member of the King Furniture company firm, 1293 Niles road S. E., Warren, Ohio.

Clarence R. Oviatt was recently appointed agriculturist for the Great Lakes Sugar company and the Lake Shore Sugar company. Mr. Oviatt was on the college staff for a number of years as extension specialist in farm crops, and during the last few years has been working on government projects.

Elda Robb sends her new address as 1800 N. Park avenue, Philadelphia, with the note that she is enjoying her new work on the faculty of Temple university.

T. J. Warmington is a mechanical engineer for the William Brothers Boiler and Manufacturing company in Minneapolis.

1917

Howard R. Estes is production manager for the Detroit division of the Arctic Dairy Products company. He makes his home in Birmingham at 492 Riveroak.

Henry E. Macomber, engineer for the Detroit Edison company, lives in Wyandotte at 692 Emmons boulevard.

Edwin H. Pate belongs to the engineering firm of Pate & Hira, located at 532 Michigan building in Detroit.

Early in October Fred M. Wilson was guest of honor at a dinner given by members of his office staff. The event celebrated the twelfth anniversary of his service as manager of the Lansing office of the Equitable Life Assurance Society of the United States.

1918

Tracy Broughton was badly injured while cranking his truck near his home in Birmingham, Michigan, and died January 4. He is survived by his wife and five children. He was a brother of Turner Broughton, '15.

Aubrey T. Kennedy, president of the Grand Rapids Bedding company, lives at 270 Lakeside drive S. E., Grand Rapids.

Lee H. Tucker has moved from Baltimore, Maryland, to Columbus, Ohio, where he is associated with the John W. Moore Insurance company, 145 N. High street.

Robert S. Raven writes from Marysville, Washington, where he is superintendent of the public schools. He hopes to make the long trek back to East Lansing some day. Previous to his Marysville position he was superintendent of schools in Juneau, Alaska, for seven years.

1919

Winston M. Connolly is in the ice and ice cream manufacturing business in Pikeville, Kentucky.

After spending some time in the Canal Zone, Captain D. W. Kent is now assigned to Fort Benjamin Harrison in Indiana.

1920

Laurence Archer is sales manager for the Atlantic Commission company in Plant City, Florida.

Lester V. Benjamin, W34 25th avenue, Spokane, Washington, is in charge of a section of erosion control practices in Region 11 of the Soil Conservation service.

Medusa Portland Cement company has announced the appointment of Dwight C. Cavanagh as district sales manager with headquarters at 2335 Oliver building, Pittsburgh, Pennsylvania. Mrs. Cavanagh (Vera Foster, '18), and their children will remain in Manitowoc, Wisconsin, until school closes.

Martin R. Crocker, engineering assistant at the Bell Telephone company in Pittsburgh, gives his address as 620 McCully street, (16) Pittsburgh.

Herman C. Doscher is engaged in gas testing for the Standard Oil Development company of Bayonne, New Jersey. He lives in Glen Ridge, New Jersey, at 2 Roswell Terrace.

Clarence F. Ramsay has left Coldwater, Michigan, to take up his new duties as superintendent of the Michigan Children's Institute, 733 S. State street, Ann Arbor.

While in East Lansing for the Temple game on November 7, Earl R. VanLeeuwen, of Yakima, Washington, called at the alumni office for directions around the campus. This was his first visit to the college in 15 years.

Harold M. Vaughn is general manager of Saline Valley Farms, Inc., a cooperative farm and industries at Saline, Michigan.

1921

Karl D. Bailey and Elisabeth P. Weld, '19, were married August 21, 1936, and are living on Adams road in Birmingham, Michigan. Mr. Bailey is county agricultural agent in Oakland county with headquarters in Pontiac.

John S. Cutler is in soil conservation work in Dayton, Ohio, where he lives at 62 Oxford avenue.

Henry J. Kurtz, structural engineer for the Bureau of Standards in Washington, D. C., lives at 35 Rokeby avenue, Garrett Park, Maryland.

Roy M. Maitland has opened and is managing the Maitland Automotive Supply company located at 804 Lapeer avenue, Port Huron, Michigan.

Eva H. Wright, home economics teacher in Lansing for the past 15 years, died in the University hospital in Ann Arbor on December 6. At the time of her death, Miss Wright was director of the cafeteria at West junior high school, and circulation manager of the school publication.

1922

Harry W. Coon says he is a partner in a ready-mix concrete business and gives the firm name as the South Texas Brokerage company. He lives in Corpus Christi, Texas, at 462 Southern street.

Martin J. Lefler is superintendent of Western Foundry company, 36th and Kedzie streets, Chicago.

Arno D. Smith is special collection manager for General Motors Acceptance corporation in Detroit, where he lives at 20445 Renfrew road.

A son, Wayne Gillies, was born December 22, to Mr. and Mrs. Forrest A. Smith of East Lansing. Smith is with the education department of the college.

1923

Carl F. Behrens is a research assistant in economics at the University of Michigan.

Willard A. Cutler, who has been moving around with the Soil Conservation service, stopped at the alumni office early in January and gave his new address as Newcastle, Indiana, where he and Mrs. Cutler (Helen McDowell, w'26) expect to be located for some time.

Clarence Fessenden, repair foreman for the Bell Telephone company, lives in Flint at 203 E. Paterson.

Emmet H. Greenwood is designing engineer for the Farzo Engineering company of Jackson, where he lives at 133 N. Wisner.

H. R. Heathman is located in Bedford, Indiana, as associate forester of the Soil Conservation service.

Fred M. Johnson is assistant sales manager at the Surface Combustion corporation in Toledo where he lives at 3646 Elmhurst road.

Victor H. Kinson, manager of Mills Automatic Merchandising corporation, lives at 3307 Rose street, Franklin Park, Illinois.

Gerald M. Reams is division traffic engineer for the Bell Telephone company in Grand Rapids, where he lives at 1857 Willard S. E.

Zora Staudacher Miller (Mrs. T. J.) is living on a ranch in Miller Canyon near Hereford, Arizona.

1924

L. D. Abbey is located in Douglas, Michigan, on a state highway project, but gives 597 Columbus avenue, Benton Harbor, as his permanent address.

Harry J. Bowerman is division engineer for the Consumers Power company in Lansing, where he lives at 1512 W. Main street.

As associate veterinarian at the Bear River Migratory Wildfowl refuge in Brigham City, Utah, Don R. Coburn, former member of the college staff, is doing research work in diseases of wild life. He and Mrs. Coburn live in Brigham City at 426 S. Main street.

John A. Graham is sheriff of Huron county, Michigan, with headquarters in Bad Axe.

Chester I. Williams is president and treasurer of Williams Form Engineering corporation of Grand Rapids, where he lives at 1244 Prospect S. E.

Donald Yakeley and Rosalie Robinson were married in San Antonio on November 10, and are making their home in Pleasantville, New York. Mr. Yakeley is in the buying department of Hayden Stone and company of 25 Broad street, New York City.

1925

The Record extends sympathy to the bereaved in the deaths of two former residents of East Lansing and members of the class of 1925.

Word has been received of the death of William G. Kinney which occurred in Seattle, Washington, on January 17. "Bill" started his veterinary practice in Seattle shortly after his graduation from college, later becoming a partner in practice in a small animal hospital there. Mrs. Kin-

ney and their two children, Gary and Barbara, survive him. Dr. Kinney was a brother of Edward E., '15, of Lansing, Raymond, '21, and Ernest, '23, of Chicago, Mrs. Mildred Hewitt, '24, of East Lansing, and Mrs. Wilma Kiblinger, '31 of Portland.

Frank W. Robb, supervising engineer of WPA projects for Crawford, Roscommon, Kalkaska, and Missaukee counties, died in Roscommon, December 13, following a short illness. Frank taught for a year in Detroit, after taking some graduate work at the college. He then joined the Illinois state highway staff, later going into business with his father in East Lansing. He was with the Michigan state highway department for four years before assuming his WPA duties. He is survived by Mrs. Robb, formerly Zeta Forbes, '27, (the parents, Mr. and Mrs. Roy Robb (w'98 and w'01) of East Lansing, a sister, Ruth Robb Brumm '36, and a brother, Carl, former short course student.

L. E. Beeuwkes is practicing the art of Hippocrates in Dearborn, Michigan, where he has offices in the Bagley Medical Group at 12922 W. Warren avenue.

Lloyd J. Conkel writes from 1406 Euclid avenue, Berkeley, California: "Here we are in a new land. I have a new position, still in the sales department, but located here at the Pacific Coast plant of Westinghouse Electric company."

1926

Francis S. Brewster gives his address as 2322 S. Hamilton street, Saginaw, Michigan, where he is metallurgist for the Baker Perkins Company, Inc.

Donald W. Hansen is district construction foreman for the Bell Telephone company in Grand Rapids, where he lives at 1225 Philadelphia S. E.

Alva L. Houk lives in 19332 Foulkrod street, Philadelphia, and is engaged in chemical research for the Rohm & Hass Company, Inc., of that city.

H. Boyer Marx is landscape architecting in Washington, D. C., where he lives at 339 Crittenden street, N. W.

Captain Ralph E. Rumbold has been transferred from the Philippines to Fort Benning, Georgia.

Florence Yakeley is taking graduate work at Columbia university this year, and may be reached in New York City at 1230 Amsterdam avenue.

1927

Wayne Barkwell's a big poultry and egg man in Grand Rapids, where he holds forth at 74 S. Division street.

Mrs. **Henry Kondey (Arcena Bebertz)** gives her new address as 571½ East End avenue, Pittsburgh, and adds: "We have a daughter, Judith, who was born on Friday the thirteenth of December in 1935. My husband is a Westinghouse test engineer."

Walter Bennett, engineer for the Dow Chemical company, lives at 216 Helen street, Midland.

Joseph Blake is district ranger on Ottawa national forest, with headquarters in Bergland, Michigan, where he and Mrs. Blake (**Mary Parr**) and their five-year-old son, Joseph Chase, make their home.

James Buchanan is traveling out of Detroit Sales office of Union Drawn Steel, a division of Republic Steel, as field metallurgist. He covers all of Michigan outside of the city of Detroit. **Jim and Isabel (Laird, '28)** make their home in Birmingham at 631 Greenwood.

1928

Arnold H. Bean, technologist for the Soil Conservation service, is located in the Neil P. Anderson building in Fort Worth, Texas.

A daughter, Kathleen Alice, was born December 10, to Dr. and Mrs. **Maurice J. Doyle** of East Lansing.

Mr. and Mrs. **Edwin S. James (Ruth Simmons)** announce the birth of Allison Anne on October 5.

Hello, 1912'ers

Certainly have some good news for you. **Earle Hotchin**, president of the Michigan State College association announces the celebration of the 25th anniversary of the class of 1912. He says it will take place on Alumni Day, June 12. Earle, secretary of the class, is urging you to make plans now for the big alumni celebration.



Harold Widdis has moved to Attica, Indiana, where he is engaged in greenhouse work.

1929

Gerald W. Byrne and **Helen Niles**, w'30, were married October 31, and are making their home in East Lansing at 952 W. Michigan avenue. **Jerry** is payroll auditor at the Fisher Body plant in Lansing.

Henry E. Chatfield and **Verlin M. Dalton** were married in Denver, Colorado, on July 25. Henry covers Oklahoma, Kansas, and Colorado in the interests of the duPont company, with headquarters at Oklahoma City. Mr. and Mrs. Chatfield visited the campus during Christmas vacation.

Pierre M. Kenyon lives at 4317½ Kingswell avenue, Hollywood, California, where he is employed at Warner Brothers studio.

D. R. Mapes works in the furniture department at Macy's in New York City and studies at Brooklyn Law school in his spare time. "Doc" is married and lives at 9 Gifford avenue, Jersey City.

J. Tracy Maynard manages the Goodrich Silver-town store at 726 Huron avenue, Port Huron, Michigan.

Allen and Olive Peck Moyer have a two-year-old daughter, Martha May. They live in Fenton, Michigan, where Mr. Moyer is employed at the Consumers Power company.

Philip Olin lives in Chelsea, Michigan, where he is in charge of forestry and wildlife on the Waterloo project for the U. S. National Park service.

Kenneth and Dorothy (Chinnick, '31) Schepers are living at 817 Ballard street, Grand Rapids, where Kenneth is payroll auditor for General Motors.

John VanPutten is foundry superintendent at the Holland Furnace company, Holland, Michigan.

1930

Laurence M. Ashley is professor of biology at Washington Missionary college at Takoma Park, D. C., where he and Mrs. Ashley (**Ruth Belknap, '31**) live at 403 Flower avenue.

Dorothy Campbell, daughter of the late Mrs. Louise H. Campbell, former state extension leader of home economics, was married December 5 to **Thomas C. Jenner** of Plainwell, Michigan. They are making their home in Plainwell.

E. O. Flanigan, ceramic engineer at the Champion Spark Plug company in Detroit, lives at 996 Pearson, Ferndale.

William A. Fournier is mill superintendent at the U. S. Gypsum company in River Rouge, Michigan. He lives in Dearborn at 2155 Edison avenue.

Audrey Glenn is a physician at the Monroe Hospital and Clinic, Monroe, Michigan.

Roy L. Greenman gives his address as 455 First avenue, Apartment 4, Yuma, Arizona. He is construction engineer on the All-American canal for the Peterson Construction company of Minneapolis.

Donald B. Grove is assistant statistician for the Pearl Assurance Company, Ltd., of 80 John street, New York City. Don is married and lives at 34-20 83rd, Jackson Heights, Long Island.

1931

Reynold G. Anschutz is employed by the B. F. Goodrich company of Akron on machine design in the plant engineering department. He lives in Apartment 30, 264 W. Market street.

Elmer J. Carmody is metallurgist for the National-Superior company, Springfield, Ohio.

Adeline Carscadden and **Harlan R. Foster** were married November 21. They are living in Detroit where Mrs. Foster is dietitian of the Cleveland Intermediate school lunchroom.

G. Arthur Chamberlain is assistant manager of the Clearwater Laundry company in Roxbury, Massachusetts. His home is at 30 Cypress street, Brookline.

Howard Clark manages the Firestone Auto Supply and Service store at Front and Park, Traverse City.

Horace S. Craig is connected with the Detroit Police department, and lives at 11826 Camden avenue.

Max Crall is a salesman for the Borden Dairy company in Glendale, California, where he lives at 1120 N. Cedar street.

Horace Crandall is rural field engineer for Consumers Power company in Battle Creek, where he makes his home at 177 Graves avenue.

Clark Dawes is employed by the Pittsburgh Crucible Steel company, Midland, Pennsylvania, as chief chemist of the tin plate and electrochemical division.

Herbert T. Graham is supervising teacher of mathematics and physics in the East Lansing high school.

A daughter, Karen Lee, was born December 3, to **Harold and Dorothy (Shoemith, '28) Pierce**, of Detroit.

The proprietor of Preasler's Custom Tailor shop, 131 E. Allegan street, Lansing, is **Virgil V. Pressler**.

Donald Reece is an estimator for the Dow Chemical company, and lives in Midland at 612 E. Larkin.

George Scheid, sales engineer for the S. M. Jones company of Toledo, Ohio, lives at 1094 S. Main street, Mount Pleasant, Michigan.

Lucile Schnackenberg and **Maurice Purdy** were married in Howell on October 28, and are making their home in that city at 310 S. Michigan avenue.

Maurice Tallefson teaches in the high school in Ludington, Michigan, where he lives at 604 E. Ludington avenue.

Stuart V. Wilsey works for the Upjohn company in Kalamazoo as a chemist in their production department. He and Mrs. Wilsey (**Geraldine Crandell**) are at home at 827 Campbell avenue.

Henry C. Winte, foundry metallurgist for Fairbanks, Morse & Co., lives at 1516 White avenue, Beloit, Wisconsin.

Mrs. Margaret Virginia Douth, Ph.D., is now professor of botany at Pennsylvania College for Women, Pittsburgh, Pennsylvania.

1932

Ed and Alice Marshall Allworth are happy over the arrival of their daughter, Ann, on December 31. The Allworths are living in Grand Rapids at 675 Alger S. E. Ed is payroll auditor for the General Motors plant there.

Oscar A. Day is an economist for the Farm Credit administration in Washington. He lives at 2201 N. Military road, Arlington, Virginia.

Ivan C. Hepfer, chief chemist for the Keeler

Brass company, lives in Grand Rapids at 1255 Orville S. E.

John Russel Holm is a mechanical engineer for the Hanchett Manufacturing company in Big Rapids, Michigan.

Lauretta Jean and **Lieut. Stanley J. Woyciehowsky**, graduate of the Coast Guard academy at New London, Connecticut, were married in Sault Ste. Marie, Michigan, on October 19.

Arthur O. Lindell and **Vera E. Tampa** were married in McCune chapel of Peoples church on September 26. They are making their home in Lansing where Mr. Lindell is employed at the Lindell Drop Forge company.

Walter E. Lindell and **Marion F. Laing** were married October 24 in McCune chapel. They are at home in Lansing at 1211 Walsh street.

Leonard G. Logan and **Virginia Shaw**, w'34, were married July 3. They are living in Philadelphia, Pennsylvania, at 7435 N. 20th street. "Limpy" is fuel engineer for the North American Coal company in Philadelphia.

Russell E. Marsh is a buyer in the parent organization of Sears Roebuck in Chicago. He and Mrs. Marsh (**Myrtle DeBats**, w'30) are living at 1106 Wisconsin avenue, Oak Park.

Willard A. Raiche has been transferred by the Inland Steel company to their Detroit office in the Fisher building. He and Mrs. Raiche (**Ruby Diller**, '31) are living at 150 W. Euclid, Apartment 411.

Gerhard L. Richter is assistant metallurgist for Farrell-Birmingham Inc., of Ansonia, Connecticut, where he lives at 1 Brookside avenue.

At the Buick Motor company in Flint, **Colin G. Walcott** is employed as a metallurgist. His residence address is 356 Dayton street, East.

Donald and **Alice Winegar Warren** have a daughter, **Carol Kay**, born August 4. The Warrens are living on Route 3 near Benton Harbor, and Don is state farm insurance agent working through the insurance department of the Farm Bureau.

Dr. and Mrs. J. F. Witter (she was **Verna Church**, '28) announce the birth of their son on September 10. Doctor Witter is an instructor in veterinary medicine at the University of Maine, Orono.

1933

J. E. Arnold is teaching in the mechanical engineering department at North Dakota Agricultural college, Fargo.

Clifford Bee is a draftsman for the Shaw-Walker company in Muskegon, where he lives at 1522 Hughart street.

William G. Burgess is sales engineer for Garrett Burgess Inc., 5050 Joy road, Detroit.

William S. Butler is an engineer for the Dow Chemical company and lives in Midland at 302 W. Larkin street.

Ford Byington is cashier and auditor for the Frigidaire division of General Motors Sales corporation, 1250 53rd street, Oakland, California.

Harold L. Casselman, engineer for Continental Motors corporation, lives in Muskegon, Michigan, at 544 Octavius street.

William G. Cooper lives at 59 Mansfield avenue, Burlington, Vermont, where he is salesman for the Burlington Grocery company.

Virginia Day is teaching music and auditorium at the Garfield school in Flint, where she lives at 608 Grand Traverse.

Lanier M. DeLind is service representative for the Olds Motor works at 801 N. Washington avenue, Minneapolis, Minnesota.

Emery and **Florence (Hess, '34) Foster** live in Chicago at 1660 Juneway Terrace. Foster is assistant to the catering manager at the Palmer House.

Oscar F. Hager is a metallurgist for the Buick Motor company in Flint, where he lives at 621 E. Rankin.

Gilbert B. Hebblewhite is specification engineer

for the Clark Equipment company in Berrien Springs, Michigan.

John M. Hill, field engineer for the State Highway department, lives at the Delta Sigma Phi house in East Lansing.

Harry E. Holmes, former employee of the city light and water board, died at his home in Lansing on November 4, following a long illness. He is survived by his widow, his parents, and several brothers and sisters.

Roland M. Koepsell, mechanical engineer at Columbia Mills, Inc., lives in Saginaw, Michigan, at 1703 Joslin street.

Clifford Liberty and **Shirley Medore**, '32, were married June 30, 1936, and are living at Trout Lake, Michigan, where Mr. Liberty is educational adviser at CCC Camp Pine river.

E. K. McKellar and **Doris Bluemly**, '34, were married August 8, and are making their home in Oxford, Michigan, where Mr. McKellar teaches agriculture in the high school.

George L. Merkel and **Clare Ellen Doyle** of Lansing were married June 13. They are at home in Charlotte, North Carolina, where George is service representative for the Olds Motor works.

David S. Nordwall is located in Dewey, South Dakota, with the United States Forest service.

Norman E. Smith is a draftsman for the Medusa Portland Cement company in Dixon, Illinois.

Kenneth and **Jean Blessing Stonex**, of Brighton, Michigan, announce the birth of **Alan K.**, on October 10.

Lt. Russell D. Turrill, on active duty since May 10, 1935, is now assistant adjutant for the Camp Custer CCC district. He and Mrs. Turrill and their son, **Russell Jr.**, who was born May 27, 1936, are at home in Battle Creek at 150a Honey street.

1934

Paul Barthold and **Elmer Bauhahn** are employed by the Holland Furnace company, Holland, Michigan—Barthold as heating and ventilating and Bauhahn as designing engineer.

Jay A. Bolt lives at 166 Colorado, Highland Park, and is an engineer for the Chrysler corporation.

Claudine Burkhart teaches home economics in West Junior high school in Lansing.

Mr. and Mrs. George H. Chapel, of Grand Blanc, Michigan, have announced the engagement of their daughter, **Carolyn**, to **Harold Ensinger** of Bloomington, Illinois. Miss Chapel, who, with **Louise Gregory**, '35, attended Columbia university last summer session, teaches in Zimmerman Junior high school in Flint. Mr. Ensinger received his education from Illinois Wesleyan, Illinois State Normal, Cincinnati Conservatory of Music, and the Eastman School of Music, receiving his master's degree in music composition from the latter institution. He is a member of Phi Mu Alpha, honorary music fraternity.

Josephine Chapman Sjogren (Mrs. **Rudolph L. V.**) is a stylist for the Underwood and Underwood Studios, 230 E. Alexandrine, Detroit.

Lyle L. Clark, who lives at 806½ Stevenson street, Flint, is a metallurgist for the Buick Motor company.

Kathleen Cutler manages the **Mary Lee (Candies, Inc.)** tea room in Saginaw, Michigan, where she may be reached at 215 S. Jefferson avenue.

Arnold Faulkner and **Lila L. Rector**, w'36, were married July 1, 1936, and are living at 459 Hubbard street, Battle Creek, where Mr. Faulkner is production engineer for the United Steel and Wire company.

A son, **David Merrill**, was born August 7, 1936, to Mr. and Mrs. **C. H. Block (Katherine Geib)** of 423½ E. Washington street, Iowa City, Iowa.

Armin J. Grossman is drafting for the TVA and living at 2404 Duncan, Chattanooga, Tennessee.

Dale and Ruth Lane Hendee are living at 341

W, Lincoln street, Barrington, Illinois. Hendee is in the stock control division of the Jewel Tea company.

Glen C. Hendershot is farm management specialist in the rural rehabilitation division of the U. S. D. A., with headquarters in the County Court house in Milwaukee.

Marion McLean teaches physical education in Coldwater, Michigan, where she may be reached at 88 E. Chicago street.

Douglas Mott is assistant formulator for Wadsworth Howland & company, Inc., of Malden, Massachusetts. He lives at 58 Marlboro street in Boston.

Charles Noble, who completed work for a master of science degree at the end of the fall term, is working for the Dow Chemical company in Midland. He has been assistant in the college chemistry department for the past two years.

Naomi Paquette is house manager of the **W. W. C. A.** located at 215 S. Jefferson, Saginaw, Michigan.

Wallis Rand teaches music in Three Rivers, Michigan, where he lives at 714 Pealer street.

Charles Sawyer called at the alumni office on October 6 and gave his new address at Wailuku, Maui, Hawaii, where he is employed by the Hawaiian Sugar corporation.

John Schuch is metallurgist for the Ecorse Foundry, and lives at 423 Superior boulevard, Wyandotte. He gives a new address for **Adam Schuch**, '30, as 11961 Garland street, Riverview, Michigan.

1935

Fred J. Babel is continuing his studies, working toward his Ph. D. at Iowa State college, Ames, where he is assistant in dairy industry.

Donald and **Kay Fletcher Barden** announce the arrival of **Karl Floyd** on December 14. The Bardens live near South Haven, Michigan.

Curtiss F. Barker is office manager of Armour's Detroit branch, and lives in Detroit at 13917 Tuller avenue.

Leon H. Bradley is in plant engineering work at the Grand Rapids Stamping division of General Motors. His residence address is 1109 Fisk N. E.

Douglass Craig is one of Uncle Sam's foresters in Niceville, Florida.

Harold W. Dunn and **Marian E. McFate** were married June 20, 1936, and are living at 827 Belle avenue, St. Charles, Michigan, where Mr. Dunn is athletic coach in the high school.

Howard and **Anne (VanLo, '32) Eldred** are living in Custer, South Dakota. Eldred is project superintendent for the U. S. Forest service.

Sandra Lou was born October 1 to **Kenneth** and **June (Tobey, w'37) Fraser** of 302 N. St. Johns avenue, Highland Park, Illinois.

George L. Gallis, 3019 N. Parkside avenue, Chicago, is an engineer with the Illinois State highway department.

Richard B. Haas, field representative for General Motors Acceptance corporation, lives at 1309 Kearsley Park boulevard, Flint.

Marguerite Halsey and **C. Judson Treat** were married July 7, 1936, and are living at 936 Atwater road N. E., Grand Rapids.

Winfield C. Hinman lives in Detroit at 4285 Fullerton avenue. Hinman is industrial service engineer at the Brown Instrument company, Detroit branch of the Minneapolis-Honeywell company.

William J. Kesi, staff accountant for **Harris, Kerr, Foster & Company**, of Chicago, was married September 5 to **Mary J. Hess**. They are at home in Chicago at 8156 Drexel avenue.

"We seem to be spending most of our time in Owosso moving from one residence to another," writes **Irene Anderson Wilcox** (Mrs. **M. R.**). "Three months ago we came here from Adrian and moved into a house at 637 N. Water street. On November 12 this house caught on fire from defective electrical wiring. We suffered enough

loss to make another move imperative. Now we are living at 809 W. Oliver street. Will you please have our copy of the Record changed to the new address?"

Ralph W. Kingsley writes from 9 Campbell street, Washington, Indiana: "I was formerly connected with the forest service in Arizona and New Mexico. Recently I have been transferred to the Soil Conservation service and am holding the position of forester in one of the S. C. S. camps in this state. I was married last November to a Lansing girl, Elma Verlinde."

Harry Lutz is engaged in pecan investigations for the United States Department of Agriculture, and is located in Albany, Georgia.

Walter Obenauf is game specialist and wildlife technician for the Resettlement administration, Site 7, Altmar, New York.

Wendell Patchett is with the Aetna Life Insurance company in Lansing, where he lives at 124 W. Kilborn street.

Lester Strickler and **Margaret Tubbs**, '36, were married November 21 at the home of the bride's parents in Adrian. They are at home in Onaway, Michigan. Mr. Strickler is stationed at Camp Presque Isle at Atlanta.

Mary Thorpe, home economist for the Consumers Power company, lives at 1541 Root street, Flint.

1936

Lieut. Harold F. Bishop is junior officer at CCC Camp Delta, McClure, Illinois.

Floyd E. Darnell, laboratory technician in the Monroe hospital, lives at 511 E. Elm avenue, Monroe, Michigan.

Wesley J. Delbridge is business promotion manager for the Wolverine hotel in Detroit.

Julius A. Drake, field agent for the Bureau of

Agricultural Economics, gives his address as 179 S. Harrison road, East Lansing.

Merle H. Dreher is tool and die designer for the Bendix Products company of South Bend. He is married and lives at 1539 E. Main street, Niles, Michigan.

Paul E. Easton is an engineer in the paper makers chemical department of the Hercules Powder company of Kalamazoo, Michigan. He and Mrs. Easton are living at 204 Oak Grove, Parchment.

Gale Gibson is engaged in soil survey work with the Rural Land inventory with headquarters in Lansing where he lives at 1235 W. Michigan avenue.

Hollis R. Gilger, field man for the Campbell Soup company of Chicago, is married and lives at 50 Forest avenue, Riverside, Illinois.

Julia Haskins supervises Colwell dining hall at Denison university, Granville, Ohio.

Robert L. Kibby gives his address as 121 Knowlton avenue, Kenmore, New York. He is a chemist for the duPont Cellophane Company, Inc.

Herman J. Lipp is associated with H. W. Noble and Company, Inc., investment bankers, 700 Olds Tower building, Lansing.

Ray A. Nay is located in Nancy, Texas, with the U. S. Forest service.

George Peters engineers for the Sutton Tool company in Detroit where he lives at 5111 Whitfield.

Howard T. Rogers, M.S. '36, is assistant soil technologist at the experiment station at Virginia Polytechnic Institute, Blacksburg, Virginia.

U. S. Forester Donald W. Smith is a foreman in Lightning Creek CCC camp in Custer, South Dakota.

Dallas F. Spencer is a draftsman in the bridge

division of the Michigan State Highway department, and is located in Lansing at 809 N. Larch street.

Gerhard H. Wacker is in tree surgery and landscape work in Saginaw, Michigan, where he lives at 763 Hermansau street.

Louis Zarza is football coach at St. Viator college at Bourbonnais, Illinois.

Werner F. Hillstrom and **Robert K. Somers** are employed as junior veterinarians with the Bureau of Animal Industry. Hillstrom is located in Little Rock, Arkansas, where he may be reached at 507 Federal building, while Somers works out of the Lansing office, 722-23 State Office building. They are both married.

Several '36ers have gone into insurance work, among them are: **Harold M. Richter**, who is special agent for the Aetna Casualty and Surety in their West Virginia territory with headquarters at 7 South Penn street, Wheeling; **Robert Martin** who is in the claim department of the Wolverine Insurance company in Lansing; **Wallace C. Clark**, special agent for Provident Mutual Life Insurance company and located in Middlebury, Connecticut; and **Edgar White** who works for the Royal Insurance company and is located at 166 Sumpter street, Brooklyn, New York. White's sister called at the alumni office January 23 and reported that Edgar and **Janet Westerweel** had set the date of their wedding for February 6.

At the Carnegie-Illinois Steel works in Chicago **Martin D. Bates** and **Carl F. Keas** are "practice-apprentices." They live at 7827 South Shore drive.

Guy DeKuiper and **William A. Melching** are taking the student training course at the Dow Chemical company, and living at 401 E. Ellsworth avenue.

Formals!
They're in swing at
State now

Memories!
Certainly for the class
of 1936



Pointers

Eighty students from 12 states are enrolled for the four-year course in hotel administration at Michigan State college.

Last year the college health service handled 22,554 clinic calls and took care of 664 bed cases.

During 1935-36, 2000 men participated in college intramural athletics and 900 were on the varsity and freshmen athletic squads.

Seventy per cent of the fertilizer used by Michigan farmers is composed of analyses or grades recommended by the college soils department.

A member of the agricultural engineering staff developed a porous system of service irrigation, which was used on more than 10,000 acres in Michigan last year. Correspondence on the porous hose plan comes from Canada, England, India, Russia, Portugal, Mexico and other parts of the world.

There were 21,681 members enrolled in the home economics extension groups in Michigan last year. This represented an increase of 5,000 members.

From a staff of five to fifteen. That represents the growth of the athletic department faculty during the last 14 years. It has the reputation of being one of the finest athletic divisions in the country.