Possibly somewhat overlooked in the commotion surrounding the celebration of the 50th anniversary of the School of Home Economics is another anniversary for the Dean of that school.

Dean Marie Dye next fall will observe her own Silver Anniversary on the campus. She first came here as an assistant professor in September 1922. She came from the University of Chicago to develop a graduate and research department in what was then the division of home economics.

Her success in handling this major assignment is best attested by her own advancement up the college scale. She became an associate professor one year after she arrived on campus. In April 1930 she was appointed Dean of the division to succeed Jean Krueger, who had served since 1923.

Dean Dye's first job when she arrived was to secure, install and organize the new permanent apartment building on the campus. This is the roadway on which most of the new permanent apartment building was named. Dean Dye's name was selected from among several suggestions submitted by alumnae for the name of the building.

In browsing over the June calendar we noted with interest that Friday will fall on the 13th. Not that we're overly superstitious, but that reminded us of something dug up by William butt, '40, in the pursuit of information for his graduate thesis.

Subject of the thesis is to be a history of campus dramatic activity. Bill informs us that his research reveals that the first Shakespearean play ever produced on campus was presented on Friday, June 13, 1913. The play, "As You Like It," was directed by Professor E. S. King, who thus began a long series of Shakespearean productions by the dramatically minded students at State.

Anyone who has programs of MSC dramatic productions can help this study by sending copies to the speech department.

To Bertha Malone, '00, we owe a note of appreciation for supplying some additional information on a picture carried in our staff historians in the Days of Yore page last issue. She identifies the young man in cadet uniform as Clinton D. Butterfield. We understand, too, that she has offered some other material on college history to Dr. Madison Kuhn, who will add it to the college archives.

Remember how all of us used to complain about the registration procedure, how slow and tedious it all seemed to be? Well, the students today still feel the same about it, it seems. To paraphrase a popular advertising slogan, however, when the men who know the best, the MSC system rates pretty high.

At spring term registration, representatives of such universities as Indiana, Wisconsin, Purdue, and Wayne were on hand to see just what makes things click so smoothly around here at registration time. Michigan, Ohio State, and others have made visits previously to study the local plan.

It seems that these other schools respect the speed and efficiency of the registrar's operations, and most of them are contemplating the adoption of similar methods at their own schools.

There's an old saw about too many cooks spoiling the broth. Back in the January issue of the RECORD it was a case of too many Cooks spoiling a good story—or at least affecting its accuracy. As a correction we might state that Professor had but one son and one daughter. Charles B. Cook, '88, and Clayton T. Cook, '91, were not his children, but they were related as we understand, so are part of the same long-line Michigan State family.

Growth of the home economics program on campus perhaps can best be indicated by a short study of personnel. When Dean Dye came there were only 18 on the staff. Now she has approximately 80 members working under her on teaching, research, and extension.

Only current staff member who was here before Dean Dye is Professor Irma H. Gross, now head of the department of home management and child development. She preceded Miss Dye by only a year, also coming from the University of Chicago.

Acting dean in 1922 was Louise H. Campbell, for whom the women's dormitory on the campus was named. Dean Mary E. Sweeney had resigned the year before, and Miss Jean Krueger wasn't named dean until 1923. Also on the staff then was Anna Bayha, for whom the present home management house was named.

Speaking of names, and switching to a completely different subject, some of you may have wondered where Cherry Lane is on campus. For your enlightenment, this is the roadway on which most of the new permanent apartment buildings face. There are several other roads over that way, not to mention a few drives on the old side of the river, that remain more or less anonymous for lack of names.

For those who get a little discouraged with their efforts to attain a higher education, Arthur E. Kocher, '02, has a word of hope. After more than 35 years with the U. S. Department of Agriculture on soil investigations, he writes that he has resigned to spend some time by himself in the sun.

He has settled at Twentynine Palms, California, where, he says, "annual rainfall is less than four inches and humidity less than five. A college education is not necessary here for here one doesn't have to know enough to come in out of the rain. An ideal place for some."

Mr. Kocher also told a story about the old days at State, but we don't have room this time. We do appreciate such letters, and though we don't often have room in the RECORD we shall pass such anecdotes along to Madison Kuhn, college historian, for his files.

One of those most interested in the celebration of the 50th anniversary of the School of Home Economics has been Miss Manue Gilchrist, early Dean of the Women's Courses and first Dean of the Division of Home Economics. On the cover, Miss Gilchrist is pictured with Dean Marie Dye as they look over a few of the many letters written in by alumnae following announcement of the anniversary celebration.

Miss Gilchrist became Dean of the Women's Courses in 1901, and when the home economics department became a division she became the first Dean. She resigned from the Michigan State college staff in 1913, to return to Wellesley college, as an associate professor of botany.
"We Accept Our Heritage"

With the words, "We Accept Our Heritage," as their answer to a challenge, Michigan Staters across the nation have joined in support of the Memorial Center project.

In a letter sent with his Fund subscription, a returned overseas veteran recently wrote: "We have taken a constructive step forward toward peace in our 'one world' by including an International House in our memorial. Only by learning and working together today will the future leaders of our country and of the world be equipped to draft a lasting peace based on sincere understanding. My subscription of $50 is a small down payment in this cause."

How Much Shall I Give?

E. B. More, '16, Chairman of the Alumni Advisory Council, in reply to the question—"How much shall I give?"—asked by several alumni at a recent meeting, answered: "The plan of giving has no suggested amounts. It is asked only that each alumnus thoughtfully consider the meaning of the project and then act as his mind and heart dictates. Both large and small subscriptions have already been received. We know that both have been made in the same purposeful spirit."

The sum needed for the construction of the Memorial Center represents a subscription of $1,000 for every Michigan State man who gave his life or a gift of $50 for every man and woman who served in the armed forces. The estimated costs of the Memorial Center exceed $300,000.

Recently, when informed of the religious-international good-will theme of the memorial, a friend of the college made a $1,000 gift to the Fund. The student members of Alpha Phi Omega, national service fraternity, have contributed sums totaling $1,418.72.

Early Response Enthusiastic

Dr. Floyd W. Owen, '02, general chairman of the fund, stated at a recent council meeting that the spirit shown by the alumni body has been extremely encouraging to his committee. "The work of our state and club committees will be lessened greatly by this enthusiastic early response," Dr. Owen concluded.

On the campus the students and faculty have joined the memorial effort. The student committee's most recent report shows the total of student contributions made thus far by organizations and individuals to be nearly $15,000. The faculty committee also has reported that a large percentage of the faculty and staff have already contributed to the project.

The International House will provide a meeting ground for students from Michigan and from every state in the nation with the students of the 35 countries now represented on the campus. In the International House the problem of world social, economic, and political understanding will be studied in an informal atmosphere of discussions, meetings, and social functions. The library in the building will contain documents, pamphlets, periodicals, and books dealing with international relations.

Permanent Record of Donors

The Memorial Chapel will contribute greatly to the religious life of the campus. Housing the only pipe organ on the campus, the Chapel will be used for recitals and musical events as well as serving as an edifice for services, vespers, and weddings. The names of all donors (amounts of individual gifts will not be given) will be listed in a Donors Book to be kept in the narthex of the Memorial Chapel along with the Service Book containing the names of those Michigan State men and women who served the nation in uniform during World War II.

During the past three weeks, letters in support of the Memorial Center project have been received by Dr. S. C. Lee, Director of the M.S.C. International Institute. Many of these letters have come from diplomatic representatives of countries whose students are now studying on the Michigan State campus. Excerpts from three of these letters follow:

"I was very interested to learn about your plans to erect a memorial chapel and an international house dedicated to those Americans, who served during the second world war in the armed services, and to those, who, in this struggle for freedom, gave their lives.

"Your plans will be most certainly a step forward on the difficult road of securing an everlasting peace, because only by bringing up the younger generation in a spirit of international friendship and cooperation this goal can be reached."

—Dr. H. Loudon
Ambassador from the Netherlands

"The building of the International House on the grounds of your College seems to be a most fitting tribute to the Michigan State men and women who died in this War, in order that international peace may prevail."

—L. D. Aihley
Belgian Embassy

"The Ambassador feels this is a very commendable initiative to pay tribute to those men and women of Michigan State College who gave their services, and many their lives, in the recent conflict to preserve democratic principles."

—Fernando Saboia
First Secretary, Brazilian Embassy

Architect Ralph R. Calder's sketch of Memorial Center
THE MEMORIAL FUND

“It will greatly simplify the work of the state and club Memorial Center Fund committees if individual alumni make their subscriptions directly to ‘M.S.C. Memorial Center Fund,’ Box 311, East Lansing, Michigan, before these groups begin their work on May 20.

“It is not necessary that a subscription card be used if the gift is made in one amount or if a brief notation is included with the subscription giving the dates of the payments to be made before June 30, 1948.”

—Dr. Floyd W. Owen, '02
General Chairman

Water Carnival Returns

Featuring “Songs We All Know” the Water Carnival will return to the Senior Week program this spring after an absence of four years. The parade of floats will move down the Red Cedar river on Thursday, Friday, and Saturday nights, May 29, 30, and 31.

The Water Carnival was first held at State in 1924, and has been held annually since, except for the past four years. This year’s theme, “Songs We All Know,” was written by Dorothy J. Hitchcock, East Lansing graduate student.

Besides the floats, sports events also will be on the program. These will include men’s single, men’s doubles, and mixed doubles in canoe racing. Two novelty events will be presented in the log bailing and canoe tilting contests.

The final week of Commencement week activity will open with the Baccalaureate sermon on Sunday, June 1. Bishop G. Bromley Oxnam, of the New York area of the Methodist church, will give the sermon on “We Shall Build On,” in the college auditorium starting at 2 p.m.

Commencement itself will take place on Friday, June 6, in the Jenison Field House, only building on the campus large enough to accommodate the large graduating class, parents, and friends. The ceremonies will get under way at 3 p.m. The Commencement speaker will be Dr. James L. Morrill, president of the University of Minnesota.

The 89th graduating class will be the largest in the history of the college, with approximately 1,350 graduates expected to participate in the Commencement activities. This number includes those who completed their work at the close of fall or winter terms, or will complete requirements at the end of spring term or in the summer.

The complete spring program for seniors follows:

May 7—Swing-out, and first Senior Dance
May 14—Senior Dance
May 21—Senior Dance
May 20, 21, 22, 23—Senior Play, “Joan of Lorraine”
May 27 and 28—President’s Reception for Seniors

June 1—Baccalaureate, 2 p.m.
June 1—College Sing
June 3—Lantern Night
June 4—Senior Picnic
June 5—Commencement Dance
June 6—Commencement, Jenison Field House, 3 p.m.

College’s Biggest Year Nears End

Alumni Day June 7

Committees of the five-year classes, those ending in “two” and “seven,” are putting the finishing touches on plans for their class reunions on Alumni Day, Saturday, June 7.

The Silver Anniversary class of 1922 hopes to make theirs a record-breaking reunion, with Claud R. Erickson as general chairman. This group will get together in the Union ballroom Saturday noon.

As usual, the Patriarchs will visit the campus as guests of President Hannah and the State Board of Agriculture. The class of 1897 will join the group at the luncheon at noon, also in the Union buildings. A special feature will be the presentation of the Kedzie cane to Harry Wilcox, ’79, the oldest living degree holder since the death of Dean Griswold, ’75, last fall. Wilcox will come from Sault Ste. Marie with his children to receive the cane from Allen W. Barron, ’16, of Detroit, son-in-law of Dean Griswold.

The class of 1917, not to be outdone by other groups, will hold its 25th anniversary meeting in the second floor dining room of the Union Saturday evening. A local committee, with Fred England, Jr., as chairman, is making plans for special stunts.

It will be a special occasion also for the classes of 1902, 1907, 1912, 1927, 1932, 1937, and 1942, all of which will hold special get-togethers, according to Glen O. Stewart, director of alumni relations. Letters will be sent to members of those classes urging their return to the campus to meet their old classmates.

Sport feature for Alumni Day will be a baseball game with Ohio State University at 3 p.m. Saturday. The same opponents play Friday, June 6, at 6 p.m.

Commencement exercises this year will be held the day before Alumni Day, with the ceremonies scheduled for Jenison Fieldhouse on Friday afternoon, June 6. On the program will be the presentation of Alumni Awards for Distinguished Service to five alumni.

These awards were established last year by the Washington, D. C., Alumni club, for the purpose of providing alumni recognition for outstanding achievements by the men and women of the college. Annually one or more recipients, not to exceed five in any one year, are to be designated to receive parchment scroll awards on Commencement Day.

Five alumni were honored in 1946, and five more will receive the awards this year. Dr. Lyman J. Briggs, ’23, was the only one actually present a year ago to receive his scroll, but all five chosen this year have indicated that they will be present to receive their awards in person from President Hannah.

Besides Dr. Briggs the others honored last year were Dr. Liberty Hyde Bailey, ’82, Dr. Clarence B. Smith, ’94, Dr. William A. Taylor, ’88, and Dr. Ray Stannard Baker, ’89.
Michigan State college now ranks as the 13th largest college or university in the country, Dr. Raymond Walters, president of the University of Cincinnati and widely known statistician of higher education, has reported.

Dr. Walters' survey placing Michigan State 13th is based on full-time enrollment figures for last fall. MSC at that time had 12,412 full-time students. Its grand total enrollment, including full-time and part-time students full term and non-duplicating students of the previous summer term, was 14,141. State placed 22nd in the nation using the grand total enrollment as a basis for listing.

Largest institution in the country, both on a full-time and grand total basis, is the University of California. With its several campuses, California has 40,800 full-time students, and 50,109 total.

Of the 12 colleges that led Michigan State in full-time enrollment, six are mid-western universities with membership in the Big Nine athletic group. The University of Illinois tops all mid-western schools with 27,276 full-time students, placing her second in the nation.

Others in the top 12 are Minnesota, 27,103; Ohio State, 23,334; Columbia, 21,590; New York, 20,407; Michigan (seventh), 18,348; Wisconsin, 18,444; Texas, 17,692; Washington, 15,185; Southern California, 13,559; and Indiana, 13,110. Immediately behind Michigan State in 14th spot is Harvard with 12,076 full-time students.

Dairy Council Grants Aid Foods Research

Among gifts totaling $17,650 accepted by the State Board of Agriculture at its March meeting two of the largest grants came from the National Dairy Council of Chicago.

A grant totaling $8,050 is to be used for continuation of a study of the influence of soil fertility on the food value of milk. The research project is under the guidance of an inter-department committee headed by Dr. C. E. Millar, head of the soil science department.

The council also provided a grant of $5,000 to be used by the department of foods and nutrition in studies on the utilization of certain food nutrients by healthy elderly women.

All other grants accepted by the board were for research projects being initiated or already underway, according to Karl McDonel, board secretary.

May Appointed To Comptroller Post; Bryan Acting Veterinary Head

One permanent appointment and two interim appointments to major positions on the campus were approved by the State Board of Agriculture at its regular monthly meeting in March.

Philip J. May, formerly management analyst in the office of the Reconstruction Finance corporation in Washington, D.C., assumed his new duties as comptroller of the college on March 16. He replaces C. O. Wilkins, college comptroller since 1925, who was retired on July 1, 1946.

May is a native of South Dakota, and attended South Dakota State college at Brookings. He received a B.B.A. degree at the University of Minnesota in 1936, and became a certified public accountant a year later. In 1939 he became deputy auditor general of South Dakota, and served until he entered the army in June 1942.

Since Mr. Wilkins' retirement the college finance office had been under the supervision of Merrill R. Pierson, as acting comptroller. Pierson will continue as assistant comptroller.

Dr. C. S. Bryan was named acting Dean of the School of Veterinary Medicine for the year beginning July 1, 1947. He will act as dean during the period Dean Ward Giltner is on formal leave of absence pending his retirement June 30, 1948.

Dr. Bryan has been head of the department of surgery and medicine at MSC since July 1, 1944. He received his B.S. degree at Pennsylvania State college in 1930 and his M.S., Ph.D. and D.V.M. degrees all from Michigan State in 1932, 1937, and 1942, respectively.

He was a graduate assistant in bacteriology at State in 1930, and an assistant in research the following year. He was appointed associate professor in the summer of 1942. He has attained national recognition for his research and writings in the study of bovine mastitis and dairy and food hygiene.

Dr. Henrik J. Stafseth was designated acting head of the department of bacteriology and public health, also to fill a vacancy caused by the leave of absence and retirement of Dean Giltner. Dr. Stafseth also will be in charge of the curriculum for Medical Technology.

He has been on the staff at Michigan State since 1917, when he was named instructor and research assistant in bacteriology. He became an assistant professor and research associate in 1919, and an associate professor in 1926. Dr. Stafseth was advanced to a full professorship in 1930.

He received his B.S. in general science from North Dakota State college in 1915, and his D.V.M., M.S., and Ph.D. degrees from Michigan State in 1917, 1930, and 1935, respectively.

Dr. Stafseth is responsible for the development of the courses in pathogenic bacteriology, immunology, and poultry hygiene and pathology at the college, beginning his work in these lines in 1921. Just a year ago he led a delegation of American bacteriologists and other scientists to the Orient, where Dr. Stafseth assisted in the development of a veterinary medicine program for China.
Home Economics --- Then And Now

As the School of Home Economics observes its 50th anniversary on May 2 and 3 with a special program at the college, it is interesting to note the development of the school's curricula since "women's courses" were first inaugurated in the fall of 1886.

The emphasis in the early days was placed on training the young woman to prepare herself to take care of her own home. Today, the school has expanded its program to train today's graduates to enter many professions, offering a wide range of vocational opportunity.

Early copies of the RECORD and other similar sources tell interesting things that demonstrate the progress that has been made in the first 50 years of Home Economics at Michigan State.

First Course Announced

From the RECORD of June 2, 1896, we take this announcement of the first course offered for the particular attention of women:

"While there have always been a number of lady students in attendance at M.A.C., yet there has never been until the present a course of study specially arranged for them.

"The college now offers to the young women of Michigan a course of study which will doubtless meet with very general approval. This course offers a moderate amount of mathematics, a strong course in English and literature, and a very thorough course in the sciences. The peculiar feature of the course is the time given to domestic science and such allied subjects as will prepare the student for appreciating and administering the duties of the ideal home.

"During the freshman year will be given a very full year in cooking. Plain sewing, cutting, fitting, and household economy will take part of the time of the sophomore year. During the junior and senior years students will have the privilege of selecting courses in floriculture, fruit culture, kitchen gardening, poultry raising and dairying.

"While giving a good broad liberal education this course will afford a preparation for life which is offered by no other school in the state, and by very few in the country. It is thoroughly practical throughout. At the same time it is strong along the lines of general culture. It is based on the assumption that most girls will at some time have the management of a home; that this will be their vocation whatever avocation they may have."

Teaching Cited As Career

Shortly thereafter another RECORD pointed to teaching as a possible career for those completing the new course:

"If it is your desire to prepare yourself for the profession of teaching and you have an ambition to get above the district school, this is certainly the course of study to take. Our high schools are anxious to find teachers who have taken a thorough course in the sciences such as are given at this college. Now is the time and this is the place to prepare yourself for a position which will be seeking your services as soon as you are prepared for it."

Equipment Is Described

Abbot hall, now the music practice building, was the first home of the "women's course." In the September 29, 1896, RECORD appears this story about Abbot hall, known popularly as "The Abbey," and the various equipment each girl used:

"Perhaps the most interesting part of The Abbey is the laboratory kitchen. It is a large, well-lighted room, with cloak room, storerooms, etc., opening from it. The kitchen is furnished with a soapstone sink, around which are roomey draining boards, lockers (for caps and aprons), china closet, dressers, and two long tables, subdivided so each student has her own desk.

"The desks are provided with knife and fork, vegetable knife, two teaspoons, one tablespoon, pepper and salt boxes, two half-pint cups divided into one-quarter and one-third for measuring, a scrubbing brush and soap, desk board (on which all the work is done) and a pastry board."

Equipment Is Described

The Abbey, and the various equipment each girl used:

An early sewing class (1908) hard at work.
several will be put in use before the close of the year."

Little Change in Ten Years

Ten years later, in June 1907, the RECORD again discussed education for women:

"Recent years have witnessed a very marked change in education for women. Heretofore that education has been almost entirely a book training; a study about things but not of things. Highly intelligent, refined women were the products of such an education. A feeling, however, has prevailed for some years that young women ought to receive a training in subjects that pertain to the home."

About the courses then offered at the college it said: "The courses of instruction pertain especially to making and keeping. A liberal amount of modern language, English, and history is included as a means of general culture, while the balance of the instruction is devoted to courses in domestic science and domestic art."

Today's Field Far Wider

Contrast all that with the opportunities that lie ahead for the graduate of today. There are many types of positions for which the present curricula of the School of Home Economics train graduates.

Business firms are calling for more and more home economics graduates. Large department stores, for instance, seek students prepared to handle merchandising, advertising, personnel, and training departments. Positions are open for department managers, heads of stock departments, style coordinators, comparison shoppers, assistant buyers, display assistants, fashion trainers, and others with good training in textiles, clothing, and merchandising.

Food companies want graduates who can promote the use of their products through demonstrations, lectures, radio talks, and writing. Or well-trained personnel may be capable of developing new uses and improvements in products in test kitchens or experimental laboratories.

Students specializing in related arts may find work as interior decorating studios or home furnishings sections of department stores. Those with creative ability may go into dress designing or designing textiles, rugs, wallpapers, dress accessories, furniture and other decorative objects for the home.

Other Opportunities Await

Young women trained in nutrition may find a steady market for their services. Those interested in teaching may work now as home demonstration agents. Graduates may enter the field in the public schools, or they may find the all-important field of extension work more attractive. In the latter, they would work with adult or 4-H groups as home demonstration agents.

Opportunities are innumerable also in such major fields as child development, health work, or the family welfare services. For all these vocations the School of Home Economics has curricula designed to train the graduate to perform her work efficiently.

Research a Major Field

Research in the various fields of home economics offers a wide opportunity for graduates. A review of the research work now being done at Michigan State would probably give a good idea of the type of work possible in this line. The earliest home economics research at State was in the department of foods and nutrition in the field of vitamins. In the past, nutrition research was concerned with children and young people, but the study has been extended to include older people also.

At present, research in foods centers around the problems of determining the nutritive value of Michigan fish and finding more home and commercial uses for Michigan grown fruit and vegetables. The problem of using frozen products is being given special emphasis.

Studies in the field of home management deal with problems in family economics, home management practices in Michigan homes, and methods for work simplification in the home. A new area to be studied soon is the relationship of housing conditions to the quality of family life.

Research in institution administration, a major study, has been undertaken to determine uses for soy beans products in institution cookery. Another project planned will study customer acceptance of protein dishes in the school cafeteria.

Textiles and clothing research, newest field at M.S.C., has dealt mainly with the effect of wear and laundering on the yarns and dyes of various types of cloth and garments. A project to be undertaken next year will be a study of the durability of 60 pairs of rayon marquisette and 60 pairs of cotton marquisette curtains in the new home management houses.

Thus, from the first year, when a girl learned how to cook to please her family, to today, when they learn to do research projects that may affect the lives of people throughout the world, is told all too briefly the story of the development of the School of Home Economics at Michigan State college.
Here are the members of the Class of '97 as they appeared during their first year at M.A.C. In June, the survivors will join the ranks of the Patriarchs.

* * *

The Class of '97 lived through stirring times. Lewis G. Gorton, who was president when they entered, departed and in his place came Jonathan L. Snyder. The long winter vacation disappeared when the school year was changed from March-November to September-June. The Class of '97 was the first to have its commencement in June.

In 1896, a women's course was opened in Abbot Hall. The first agricultural short course was offered by Prof. C. D. Smith. The M.A.C. Record superseded the student-edited Speculum. Members of the Class of '97 edited the Heliostat, one of the most ambitious predecessors of the Wolverines. Truly, an old order ended and a new one began during the four years the Class of '97 spent at M.A.C.

* * *

A self-portrait of the Class of '97 published in their Heliostat.

* * *

In charge of the women's course from its inception, in 1896, to 1898 was Miss Edith F. McDermott. Below (left) she is pictured in her room in Abbot Hall (now Music Practice Building). Dr. W. J. Beal, in his history of M.A.C., states that Miss McDermott had "taken up work along the lines of domestic economy and household science" and "is a woman of thorough training; has more than an ordinary amount of tact and general good sense."

Below (right) is a cooking class of 1910, in one of the laboratories in the Women's Building. The increase of women students made necessary the erection in 1900 of a special building (now Morrill Hall) to house their activities.

Days of Yore

By Joseph G. Duncan and Madison Kuhn
Spring Term Enrollment Drop Is Much Less Than Normally

Enrollment of regular and graduate students for the spring term at Michigan State college is almost exactly 60 percent greater than for the corresponding term a year ago, according to statistics from the office of Registrar Robert S. Linton.

At the close of registration a total of 12,694 regular and graduate students had been admitted, compared with 7,834 regular and graduate students in the spring of 1946. Short course enrollments for the spring term this year total 268, bringing total enrollments for the spring term this year to 12,962, compared with 8,096 a year ago. Final revision may change the totals for this term slightly.

Normally, spring term enrollment is about 10 percent below winter term enrollment. This year, the drop was only 3.4 percent—from 12,427 to 12,962. Although the number of short course students dropped from 534 to 268, the decline in the number of regular and graduate students was comparatively small—from 12,893 to 12,694, or a little more than 1.5 percent.

Looking to the future, college authorities consider it significant that admissions have remained high throughout the college year. There were 12,967 regular and graduate enrollments for the fall term, only 273 more than enrollments for the current term. Ordinarily, the spring term enrollment of regular and graduate students is about 9 percent less than the enrollment of the preceding fall; this college year, the decline has been only 2.1 percent.

With The Faculty

Four faculty members are conducting laboratory experiments that may open a new field of remedial and preventive medicine. At the same time it may develop valuable new knowledge regarding nutrition and put into use new, more effective substances to combat plant diseases.

The work has been in progress since 1944, and has uncovered some significant information about the bacteria killing properties of extracts of several vegetables, including garlic, onions, and cabbage. Garlic, for instance, has been found to contain one of the best antibiotic or germ-killing ingredients.

Working on the projects are I. F. Huddleston, research professor of bacteriology; R. H. Lucas, associate professor of horticulture; Harold M. Sell, research professor of agricultural chemistry; and W. R. Lewis, assistant professor of biological science.

Five Special Training Courses Fill Need of Industry

The answer to a critical need in industry—a shortage of trained personnel—is being found at Michigan State college in the form of tailor-made personnel training courses that combine classroom work and on-the-job experience.

This innovation in short course instruction was launched more than a year ago when industrial leaders appealed to Michigan State college for help in finding some way to provide trained personnel. With the assistance of trade groups, the Institute of Short Courses at the college, directed by R. W. Tenny, established this new type of program on a trial basis. With the first year completed, success of the program is indicated by the enthusiastic response from both industry and students.

To date 200 young men have enrolled in the five one-and-two-year courses being offered. A waiting list is on hand of others seeking to register. Graduates of the one-year courses are now stepping out into ready-made jobs—filling the need for long-sought-after employees who have the necessary training. The on-the-job training feature has impressed prospective employers, who realize that the graduates have already secured valuable experience under actual working conditions.

Typical example of the personnel training being offered is the elevator and farm supply course. Many of the students had worked in rural community elevators, but hoped to qualify themselves for higher level jobs. Elevator management throughout the state, either cooperative or independent, were greatly in need of men who could serve as managers or assistant managers. Enrollees in the course have been given classroom instruction in the many fields of study related to management of elevators and co-operative stores. At the same time they gain practical experience by actually working in the elevators while going to college. More than half of the students who have completed the course have entered managerial posts. Elevators are bidding against each other for the services of these men.

Nursery and landscape management and farm equipment sales and service are other typical specialized training courses. Nurseries, cemeteries, parks and owners of private estates have been seeking qualified help. Farm equipment sales and service establishments have been increasing in numbers. Many veterans are entering this field, either on their own or as employees or managers for other owners.

Commercial floriculture and forest practice are other courses that have proved extremely popular. Many young men see in the fields covered by the courses excellent opportunities for future advancement, as well as eventual proprietorship of their own business.

Plans are now underway to broaden this personnel training course program with eight-week specializing courses in other businesses.

Moffett Acting Head

Wallace B. Moffett, associate professor of English, has been named as acting head of the English department from October 1, 1947 to June 30, 1948. During that period Dr. Russell E. Nye will be on leave to carry out his study of LaFollette Progressivism in Wisconsin, under a grant made by the Newberry Library of Chicago.

MAY, 1947
Flood Waters Sweep Over Campus

The flood waters that ravaged Michigan early in April took their toll, too, of the college campus, as the Red Cedar reached a crest of 12.3 feet, highest since 1904.

The heavy snow fall in the night of March 24 touched off the whole thing, the East Lansing Weather Bureau reports. When this snow began to melt a week later, the danger of floods became apparent. An inch of rain came to quicken the thaw on April 2, and the deluge was on.

Friday and Saturday, April 4 and 5, the heavy precipitation continued to swell the waters, as 2½ more inches of rain fell, making the total for a six day period of four inches of rain and four of snow. The downpour finally ceased around noon on Saturday—but the river still was on its way up.

Through Saturday night and Sunday the waters continued to go higher and higher, until about 3 a.m. on Monday, April 7, the peak of 12.3 feet was reached. After that the river leveled off, and then gradually began to fall. Tuesday night, however, the readings still showed 11.5 feet, and Wednesday it had dropped to no lower than 10 feet. A day or so later and the river was back in its channel, and dropped nearer usual spring levels of about 5 or 6 feet.

For those with excellent memories of floods in bygone days, comparative figures will indicate the extent of the flood. It is estimated that in 1904 the river depth reached about 12 feet. (At no time since has the 1947 figure of 12.3 been exceeded.) In 1918 the readings reached a height of 12 feet, and in 1938 about 11.8 feet.

Most harassed from a personal angle were the residents of Quonset Village and the permanent apartments. A ruptured steam pipe and shutting off of transformers in Jenison Fieldhouse, caused general utility breakdowns south of the river. As a result those in the Quonsets and apartments were without heat or electricity for about three days. Most of them, however, stuck it out, with some taking refuge in other homes.

Motor, fans, belts, clocks and other equipment in the Fieldhouse, Demonstration Hall, the Auditorium and the Forge and Foundry building all were damaged heavily, as was a transformer vault in the Fieldhouse.

Naturally enough, wherever the waters went on a rampage there will be considerable work necessary to clean up the campus and put it back in shape. Debris lay in many places, and the athletic grounds in particular would require reconditioning to put them in shape for spring sport schedules. A total of 65½ acres of the campus was under water at the peak of the flood, not counting the normal river channel. Cost of repairing all the damage to the campus may go as high as $50,000 or even higher, it is estimated.

Students living in the extensive south campus area were somewhat handicapped as the roadway past Jenison Fieldhouse was flooded, but two college buses carried students from in front of the Fieldhouse to the Spartan statue area.

Biggest damage from a property standpoint was incurred in the Fieldhouse, where the waters almost completely filled the sub-basement area. Hand-ball floors of hard maple there were completely destroyed, as was a large supply of mattresses. The tan-bark floor in the north end of the Fieldhouse sank about four feet, and required refilling.

Pictured on the left is the bus the college operated between the statue of the Spartan and the Quonset Village area. Pedestrian traffic was completely cut off between these points, unless walkers circled the Stadium to the south and crossed the railroad bridge. Below is Beal Botanical gardens. Henry L. Chapman, superintendent of the gardens, says much work will be needed to offset the flood damage.
The surging waters of the Red Cedar inundated the area surrounding the Band Shell and the canoe shelter, and crept close to the foundations of the new Electrical Engineering building being constructed south of the Chemical Engineering building. This area is pictured above.

To the right, those familiar with the campus can see how high the waters came at the Women's Gymnasium bridge. It was at this point that the official Weather Bureau measurements quoted in the story were taken.

Below is shown an aerial view of the athletic plant area. Spring football practice, as well as drills for the regular spring sports, all were hampered because of the flood. Also, the heights which the water reached surrounding Jenison Fieldhouse can be seen in this view. The aerial shot was taken by Al Bransdorfer, State News photographer, in what was probably the first such aerial shot ever taken by the college news staff.
Sports at State

Results, 1947 Winter Sports

By W. Nicholas Kerbawy
Sports Editor

Michigan State athletic teams of the past winter season compiled an aggregate percentage of .656 by winning a total of 40 meets as compared to the loss of but 21.

Coach Charles McCaffree's swimming team led the victory parade by copping nine of 11 dual meets for a percentage of .818. The Spartan mermen, who lost only to powerful Ohio State, 47-37, and their fifth consecutive Central Collegiate Conference title since 1934. Notre Dame, a perennial champion, placed second in a field of 17 schools. All told, the track team annexed the CCC championships by annexing the team led the victory parade by copping of .818. The Spartan mermen, who lost only to powerful Ohio State, 47-37, and their fifth consecutive Central Collegiate Conference title since 1934. Notre Dame, a perennial champion, placed second in a field of 17 schools. All told, the track team annexed the CCC championships by annexing the

Final MSC Record—Won 11, Lost 10

How They Finished

Basketball:

MSC OPP.
29 Michigan 51
39 Stanford 45
52 Wayne 25
61 Syracuse 57
43 Arizona 45
62 Georgia Tech 52
53 Marquette 51
52 Detroit 44
56 Notre Dame 74
59 Minnesota 73

Swimming:

MSC OPP.
60 Cincinnati 24
39 Michigan 45
54 Purdue 30
61 Indiana 25
55 Illinois 24
60 Wisconsin 24
66 Wayne 18
58 Iowa State 26
37 Ohio State 47
60 Bowling Green 24

Central Collegiate Conference:

MSC OPP.
102 Wayne University 31

Final MSC record: Won 4, Lost 2

Wrestling:

MSC OPP.
20 Purdue 9
17 Indiana 15
9 Ohio State 9
14 Purdue 12
14 Illinois 12
24 Wheaton 6
6 Cornell College 24
9 Iowa State Teachers 15
18 Michigan 8
25 Nebraska 3

Track and Field:

Michigan State 66-7/12, Ohio State 65-5/12 (dual meet).
Michigan AAU—MSC scored 5 firsts.
Twenty-fifth Annual Michigan State Relays, Michigan State won 2 firsts.
Michigan State 106, Marquette 24, Wayne 22 (triangular meet).
Michigan State 61-1/3, Notre Dame 52-2/3 (dual meet).
Central Collegiate Conference, MSC 54, Notre Dame 38 1/2 (17 schools competed).

Boxing:

MSC OPP.
2 Syracuse 6
3 1/2 Virginia 4 1/2
7 Georgetown 7
6 1/2 Minnesota 1 1/2
5 Penn State 3
5 1/2 Wisconsin 2 1/2

Final MSC record: Won 4, Lost 2

Fencing:

MSC OPP.
10% Wayne 15 1/2
17 Northwestern 10
17% Illinois 15
16 1/2 Ohio State 10
15% Cincinnati 6 1/2
7% Chicago 19 1/2
10% Wisconsin 12

Final MSC record: Won 5, Lost 3

State Adds Honolulu

To Grid Itinerary

Michigan State's 1947 football schedule has been extended to nine games with arrangements to play the University of Hawaii on Saturday, November 29, in Honolulu.

A two-year contract has been agreed upon by both schools, according to MSC Athletic Director Ralph H. Young and Francois D'Eliscu, athletic director of the territorial school, who jointly arranged the game. Hawaii will return to East Lansing in 1948.

The game opens athletic relations between the two institutions although less than a decade ago the Spartan basketball team appeared in two games at East Lansing against a group of Hawaiian all-stars, a team composed mainly of university students.

According to Director Young, negotiations for the game were opened by Dr. Gregg M. Sinclair, University of Hawaii president, who has visited Michigan State on several occasions.
Davey, Champion In '43, Loses None of Skill
Charley Davey has lost none of the cunning and power that made him a national collegiate boxing champion at Michigan State college in 1943.

The 135-pound ex-Army Air Corps lieutenant was unbeaten during the past dual-meet season in pacing Coach Lou Zarza's mittmen to a record of four victories in six starts.

Davey recorded four of his triumphs by decisions and accounted for the two others by the TKO. He was an attraction all season to fans at home and abroad, one visiting coach exclaiming that Davey was the classiest collegiate ring performer he had seen in years.

A sophomore student in business administration, Davey came directly from Fordson high school to Michigan State where he climaxed the 1943 season by winning the intercollegiate crown at 127 pounds.

The Army gave Chuck a chance to further exploit his ring talents. He participated in many camp scraps in this country and in Europe, earning his way into the finals of the Eighth Air Force tournament in 1945.

In combat warfare, Davey won the Air Medal and two Battle Stars. He attained the rank of first lieutenant.

Zarza Is Fifth Member Of Munn's Staff
Clarence L. (Biggie) Munn, head football coach at Michigan State college, has announced the appointment of Louis F. Zarza as the fifth member of the varsity coaching staff.

Zarza is a holdover member of former coach Charles W. Bachman's staff, who since the close of the 1946 football season has served as the Spartan's head boxing coach. He began his duties with Munn at the opening of spring football, March 31.

"Zarza's varsity coaching duties will include his services as coordinator of information, in addition to handling some scouting assignments," Munn said. "We are happy that he accepted our invitation to remain at Michigan State."

Zarza, a three-letter winner in football at Michigan State and the school's light heavyweight boxing champion prior to graduation in 1940, has been an assistant coach at University of Arizona prior to his enlistment in the Navy.

Cagers Excel in Class
A survey by Dick Beals, pint-size student sports writer from Birmingham, reveals the academic average of the Spartan basketball team of the past season to be one-tenth of a point above the all-college men's average of 1.4.

Ex-Spartan First Baseman Joins Buffalo Bisons
Joe Nelson, first baseman on Michigan State's baseball team in 1941 and 1942 who returned from the service to graduate from college at the close of the winter term, is with the Buffalo Bisons of the International league as property of the Detroit Tigers. In service ball, Nelson won "All-Star" honors as a player-manager of the Camp Lee, Va., team in the 1946 semi-pro tournament at Wichita.

All-Opponent Cage Team
Here is Michigan State's 1946-47 all-opponent basketball team: Forwards, Robert Cook of Wisconsin and Mack Suprunowicz of Michigan, Center John Brennan of Notre Dame and Guards Ralph Beard of Kentucky and Kevin O'Shea of Notre Dame.

Four of a Kind
After Paul, Dave and Jack Seibold, all brothers, turned in winning performances during Michigan State's victory in swimming over Wisconsin, Badger coach Joe Steinauer exclaimed:

"My gosh, are there any more Seibolds?"

"Yeah, me," chirped A. G. (Gus) Seibold, father of the boys who was standing within hearing distance gripping a stop watch and wearing a broad smile.

Board Bans Smoking
In a step to eliminate fire hazards in buildings, the State Board of Agriculture at its March meeting adopted an ordinance prohibiting smoking in virtually all buildings on the campus.

Dr. Hannah, in announcing the passage of the law, pointed out that most of the structures on campus are classed as not fireproof and that any smoking inside these structures constitutes a danger.

The ordinance provides that smoking may be permitted in the Union building, in certain areas of the dormitories, and in certain rooms set aside in the fireproof buildings.

Michigan State college is the only school in the country to boast national collegiate champions in three separate sports. The above Spartans won their crowns against N.C.A.A. competition as follows, from left: Swimmer George Hoogerhyde, of Grand Rapids, 1,500 meters; Boxer Charles Davey, of Detroit, 135 pound division; and Wrestler Gale Mikles, of Tulsa, Oklahoma, 155 pound class. Two years ago Mikles topped the 145 pound class.
Berrien-Cass
A prediction of greater success than was ever envisoned when the Basic College was inaugurated in 1944 was the keynote of the talk given by Dean Howard Rather at the M.S.C Alumni club meeting of Berrien-Cass county alumni at Benton Harbor on March 5. More than 120 alumni and friends enjoyed the annual dinner meeting. Rather added that the Basic College program, in addition to the interest it has already secured nationally among educators, is attracting interest from industrial personnel executives.

Alumni Director Glen O. Stewart discussed the building program and the financial problems of the college at the present time. He outlined the appeal being made by the Alumni Advisory Council for the Memorial Center. Forrest Evashevski, new backfield coach, outlined plans for building and strengthening the Spartan football fortunes.

The new board of directors of 12 members met after the meeting to outline future meetings. Officers for the coming year include John D. Johnson, '40, Berrien Springs, president; James Culby, '42, Benton Harbor, first vice-president; Harold Stark, '19, Buchanan, second vice-president and Mrs. August Lange (Margaret McDonel), '44, Berrien Springs, secretary-treasurer. Lawrence Stover, '37, of Berrien Springs, retiring president, is a member of the Board of Directors.—Margaret Lange, '44, secretary.

Cleveland
Fifty-five Cleveland alumni and guests were suddenly interrupted during their annual dinner meeting at the Carter hotel on Saturday night, March 15, when an imitation of the old Swartz Creek band marched into the dining room playing college marches and finally the M.S.C. Alma Mater. Before they left the room it was discovered that Jimmy La Du, '40, assistant manger of the hotel and former secretary of the club, had brilled the hotel's night club entertainers to don the usual clown clothes, including an M.S.C. band sweater and other Spartan regalia.

Glen Stewart, '17, appeared as guest speaker, with a running story of the post-war development at the college and everyone was amazed at the progress being made at East Lansing. Colonel Clarence N. Winston, '16, of 19451 Battersea boulevard, Rocky River, was named club chairman for the Memorial Center Fund program. La Du, who lives at the Carter, was named president for next year, Winston vice-president, Mrs. J. W. Macomber (Jacqueline Snyder), '41, secretary, and Mrs. Marvin Larson (Ann Marie Rennecker), '42, treasurer.—Jacqueline Snyder Macomber, secretary, 1363 Lakewood Ave., Lakewood, Ohio.

Grand Rapids
The alumni of the Grand Rapids area are pretty well "sold" on the new Spartan gridiron coaching staff, if evidence can be placed in alumni comment following a record breaking dinner meeting at the Rowe hotel on February 26. More than 400 loyal men and women greeted "Biggie" Munn and his staff. It appears the new mentors will be carrying on their duties with the Kent county folks solidly behind them.

President Charles J. Halbert, '39, and 15 members of the Board of Directors held a reception for one hour before the banquet. The dinner program was skillfully handled by Rev. Dale Turner, former part-time faculty member, who introduced Glen O. Stewart, '17, alumni director, Dr. Floyd Owen, '02, chairman of the Memorial Center Fund program, W. N. Kerbawy, sports publicity director, Ralph Young, director of athletics, and several distinguished Grand Rapids guests.

Munn and his three assistants, Evashevski, Taylor and Daugherty expressed an air of confidence in taking up their new duties and appealed to alumni for full support and help. They expressed themselves as being extremely happy to be at State and the head coach told the banqueteers, "We'll win one now and then that we're not supposed to."

The Grand Rapids club is planning several other events this year and asks all old grads and former students to call President Halbert at 86173 or the secretary at GL-20412.—Phillip D. Millson, '41, secretary.

Alleghen-Van Buren
Although a new club in the alumni circles, more than 125 loyal Michigan Staters and friends greeted President John A. Hannah and Alumni Director Glen Stewart at Holly's restaurant banquet hall in South Haven on February 27.

President Hannah gave a complete picture of the college as it has expanded and concluded with the statement "the problem that faces us is not one of taking care of a large number of people temporarily. The problem is to take care of a very large number of people for an indefinite period, with the probabilities that we will be called upon to take care of more and more rather than fewer in the years ahead."

Glen Stewart told of the many projects being sponsored by alumni clubs throughout the country and urged a definite program of activities by special committees. The Memorial Center Fund program was outlined and the club urged to set up a follow-up committee during the spring months.

Ewart S. Dyckmann, with the class of 1879 and wife were presented as special guests by Albert E. Chase, '39, prominent South Haven business man. Mr. Dyckmann enjoyed telling about the small agricultural college as he remembered it in 1875. South Haven high school students provided instrumental music.

Under the direction of Don Barden, '35, as president, the group plans to hold a summer picnic and a fall meeting.—Mrs. Robert Winkell, '39, secretary.

Chicago Dinner-Dance
President Paul J. Murdoch, '36, announces that the biggest meeting of the M.S.C. Alumni club of Chicago will be a dinner dance in the Terrace Casino room of the Morrison hotel, Madison and Clark streets, on Saturday night, May 10. Informal reception from 6:30 to 7:30.

Following dinner a short program with President John A. Hannah, Coach "Biggie" Munn, and Mrs. Isabelle Gonon, counselor for women, as special guests. Dancing is scheduled from 9:00 p.m. until 1:30 a.m.

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The club voted to back the Memorial Center Fund program with individual effort and announced they were preparing to challenge the Buffalo group to a "quiz of two cities" as soon as radio time could be secured.—Jane Walker, '46, secretary, 25 Leander road.

Syracuse, New York

Concluding an eight day eastern trip Glen O. Stewart, '17, alumni director, met with the M.S.C. Alumni club of Syracuse in the University Club, in Syracuse, Thursday evening, March 20. Although the total membership of the Syracuse club is smaller than many, nearly 50 percent of the club members and wives were present to hear about the college development and the post-war possibilities of alumni club activity.

Football movies thrilled those present and all wished for "Biggie" Munn and his staff as much loyal support as he received at Syracuse during the past year. Charles H. Kelley, '35, district manager of the Shell Oil company, is again serving as president of the group and announced the appointment of Robert G. Parkhurst, '43, as chairman of the Alumni Center Fund program.

A summer picnic is being planned.—Shirley Townsend, '38, secretary, 871 Acherman St., Syracuse.

Buffalo, New York

The M.S.C. Alumni club of Western New York regained its pre-war splendor under the Presidency of Tom Arrigo, '21, when a record breaking attendance of nearly 80 people—all alumni—met in the Fiesta room of the Hotel Worth in Buffalo, Tuesday evening, March 18. College songs under the direction of Robert Bruce, '39, and Art Maischoss, '43, put the group into a "college day atmosphere."

Glen O. Stewart, '17, gave an interesting talk on "A Year of Progress." So startling were the descriptions of the speaker that the club voted to renew the auto caravan from Buffalo to the campus, the probable dates being May 30 and 31. Members of the Michigan State-Penn State game were shown at the close of the meeting.

On the preceding evening F. Ward Ross, '28, and his wife, the former Dorothy Robinson, '28, entertained the Board of Directors at their charming home at 133 Woodcrest, in Kenmore. At this meeting Richard Frey, '40, was named president for next year.—C. A. Brinkert, '26, secretary, 132 Burroughs avenue, Snyder.

Toledo

The Delft House tea rooms at 1806 West Bancroft street, in Toledo, presented a unique setting for the annual dinner meeting of the M.S.C. Alumni club on March 13. Glen O. Stewart, '17, director of alumni relations, spoke on the complete development program at the college and gave interesting factual material on the needs of the proposed alumni program for a Memorial Center.

La Verne "Kip" Taylor, new football coach, made his initial appearance under the Green and White State colors, discussing the new duties being assumed by head coach "Biggie" Munn and his co-workers. He showed football movies at the close of the meeting.

President Robert J. Cousineau, '38, who lives at 133 Melrose, urged all alumni to keep in touch with him for future meetings.—Donald Donaldson, '38, secretary, 3914 Drummond street.

Indianapolis

The M.S.C. Alumni club of Indianapolis held an enjoyable meeting and "fireside picnic" at the D.A.R. Chapter House, Saturday evening, February 18, with nearly 30 people present. Plans for various types of meetings were discussed and the group voted to hold meetings the second Saturday of every third month. The next get-together will be held on May 10, again at the D.A.R. Chapter House. John H. Carmody, '12, of 4228 Park St., Indianapolis 5, is president, Mrs. Ralph Norman (Gertrude Brummelhof), '39, chairman of the social committee, and Kay Foster Barnfield, '38, secretary.—Mrs. Stanley Perham, secretary pro-tem.

Los Angeles

More than 100 Michigan State men and women renewed alumni club activities for Southern California Friday evening, February 21, at the University Club, 614 South Hope street, in Los Angeles. Under the direction of Dr. Paul Armstrong, '15, general manager of the California Fruit Growers Exchange, an interesting program was developed.

Dr. Grace Song Line, now on leave from the foreign language department, came up from Palm Springs to discuss the proposed Memorial Center project and told of her experience at the present International Center on the campus. Mrs. Line lived in Howell, Michigan, for many years.

The main speaker of the evening was Dr. Harry Eustace, '01, of Berkeley, who showed many pictures of "his boys" while serving as head of the department of horticulture at the college. Special recorded college music was furnished by the alumni office. New officers are being elected and reports will be issued on future meetings according to Hartley Trux, '12, retiring president.—Roy F. Irwin, '14, past-secretary.

Rural Progress Caravan Attendance 64,333

The Michigan State College extension service Rural Progress Caravan attracted 64,333 visitors in its 54 stops in lower Michigan during January, February and March. From start to finish, the trucks carrying the exhibits battled snowstorms and crowds were limited by blocked rural roads.

J. G. Hays, '11, emergency farm labor assistant in the extension staff, managed the traveling "Farmers' Week on Wheels."

Publicity carried by Michigan newspapers on the event was equal to a 70 page, 8-column newspaper.

The late March blizzard prevented showing in four northeastern Michigan counties.

Faculty Members to Appear On Network Broadcast

Another nationwide broadcast over the American Broadcasting company network will originate from Michigan State college on June 7. It will mark the third time within a year the department of public relations has arranged a half-hour program for the 108 stations carrying the American Farmer program.

The program will include a discussion of the use of thyroid extract in livestock feeding experiments. Participating in the discussion will be Dr. E. P. Reineke, research professor in physiology; W. N. McMillen, swine specialist in animal husbandry and J. A. Davidson, research professor in poultry husbandry.

W. Lowell Treaster, director of public relations, will moderate the program which will be carried over the American network from 12:30 to 1:00 p.m., Saturday, June 7. The college station, WKAR, will originate the broadcast for the network.

Summer Course Planned In School Music

The second annual school music short course for high school students and teachers will be held at the college June 23 to July 12, under the direction of Dr. William R. Sur, professor of music. A staff of 32 prominent college and high school music instructors will teach.

The students will participate in band, orchestra or choir work. Leonard Falcone will direct the band, Alexander Schuster the orchestra, and David F. Maehl the choir. Other members of the staff will work with various sections of the band or orchestra, or will conduct private lessons.

High school musicians interested in the course may make application in advance. Applicants must be recommended by their school music teacher and principal.

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Martin Buckner, '41

One of the three young vice commanders of the American Legion is Martin B. Buckner, 29-year-old Flint, Michigan, alumnus, who received his degree in psychology in 1941. He is an Army Air Force veteran of 35 bombing missions over Europe in World War II.

He is the holder of the Distinguished Flying Cross, the Air Medal with three oak leaf clusters, the American Defense Medal, the ETO ribbon with four battle stars, the American Theater Ribbon and the World War II victory medal.

As national vice commander Buckner has been assigned 11 American Legion departments as his area. They include Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, North and South Dakota, Nebraska, Kansas and Wisconsin.

He is also field assistant of the Veterans' Employment Service for the Flint area, awaiting complete restoration of his war-impaired health to return to college for his final medical training. He is married and has two children. In college he was a member of the Theta Kappa Nu fraternity and Blue Key honorary.

Dr. Mabel F. Wilson, M.S. '30, Ph.D. '37

Dr. Mabel Wilson, pictured in the research laboratory of the Diamond Alkali company, Painesville, Ohio, has recently been named head of the Optical Measurements laboratory which is strictly research. Here they keep control over the minor impurities in products going out and in raw materials coming in for the alkaies going into a score of products such as glass, rayon, foods, plastics, petroleum products, paints, drugs, rubber and many others.

For eight years Dr. Wilson served as spectroscopist with the company. In using the emission spectograph the research department controls the metallic impurities in the caustic which goes into the rayon industry. With an infrared spectrometer analysis is made of certain organic materials, particularly among the heavy molecules which go into plastics.

Dr. Wilson is married and has two children, Jack 15 and Joan 14. She received her degrees in physical chemistry and while here at the college was affiliated with the Sigma Xi and Sigma Pi Sigma fraternities.

Press Secretary

When Governor Kim Sigler of Michigan announced the appointment of Roberta Applegate, '40, as his press secretary, there was a new precedent set in Michigan. It was the first time this distinction had ever been given to a woman. "Bobby," as she is known, was a reporter for the Lansing bureau of the Associated Press, and covered all activities of the Ingham county grand jury, of which Sigler was former special prosecutor. She is the daughter of Prof. and Mrs. A. A. Applegate of East Lansing.

Extension Editor's Article

An article on "Mail-Order Breeding," by Earl C. Richardson, extension editor at Michigan State college, is to be re-published in periodicals in occupied countries at the request of the Department of State in Washington. Permission has been granted by the Michigan Farmer, for which the article originally was written.

Miss Royce Moch, chief of the Magazine Liaison section of the Department of State, said in making her request for permission to use the article that her office wanted to send it to Germany, Austria, Japan, and Korea for translation and republication in magazines operating under license fees from the United States Military Government.

The objective is to make known the thinking of the outside world to the people of the occupied countries, particularly American thinking and achievement. Milton Grinnell, editor of the Michigan Farmer, readily granted permission to the State Department to use Richardson's article, which traced the history of the artificial breeding program in this state.

Michigan, the article points out, has been a consistent leader in dairy herd development and improvement. The artificial breeding program in this state has been fostered by the Michigan Artificial Breeders Cooperative, and through its work the number of cows served has increased from 1,400 in 1944 to 70,000 on January 1 of 1947.

Evert L. Benton, '30

Dies In April

Evert L. Benton, B.S. '30, extension specialist in animal husbandry at Michigan State college since 1938, died April 22 in a Lansing hospital following his third operation in a year.

The staff member was widely known among farmers and livestock men of Michigan and was secretary of the Michigan Cattle Feeders' association, Michigan Lamb Feeders' association and Michigan State College for which he served as secretary of the Michigan Artificial Breeders Cooperative, and through its work the number of cows served has increased from 1,400 in 1944 to 70,000 on January 1 of 1947.

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Following graduation in 1930 he taught vocational agriculture in Hudson for five years and for three years served as county agricultural agent in Tuscola county before joining the animal husbandry staff.

He is survived by the widow, Mrs. Marion Benton; a daughter, Mrs. Leonard Gardner, Fremont and a sister, Mrs. Burr Carroll, San Diego, Calif. He was buried in Woodlawn cemetery, Jackson.
Patriarchs

To Edwin C. Peters, '93, of Saginaw, goes Masonry's highest honor. Last fall he was notified of his election as 33rd degree Mason, and officially receives conferment of the honor at the next annual 33rd degree convention. Enterling Masonry in 1904, Mr. Peters holds membership in nine Masonic bodies.

Fred S. Curtis gives his new address at 412 Magnolia avenue, Modesto, California, where he operates an office equipment store. The cover on the Fall issue of the Record made him "think in nine Masonic bodies."

In Kalamazoo, Michigan, as surveyor and Justice of the Peace, Lewis Kephart is located in Berrien Springs, Michigan. For 30 years a leading physician in Benton Harbor, he died at his home there on February 18. A graduate of the University of Michigan medical school, he played violin with the Detroit Symphony orchestra and at one time headed the violin department of the Detroit Conservatory of Music. He was a band teacher for many years in a number of schools and at the time of his death was band instructor at the Dimendale high school. He is survived by his widow and one son, and his brother, Lyle E., '16, of East Lansing. . . .

J. Raymond Plank is president of Simonds owns a sales, heating equipment, and power plant in Grand Rapids where he lives at 1855 Union S.E.

Clyde F. Severance, who had only recently reopened his violin studio in Lansing, died in a local hospital on February 26 following a brief illness. Obtaining his master's degree in public school instrumental music from the University of Michigan, he played violin with the Detroit Symphony orchestra and at one time headed the violin department of the Detroit Conservatory of Music. He was a band teacher for many years in a number of schools and at the time of his death was band instructor at the Dimendale high school. He is survived by his widow and one son, and his brother, Lyle E., w'16, of East Lansing. . . .

Ross S. Thomas has retired and makes his new home at 234 Ridge avenue.

The days of '97, era of the new Patriarchs to be inducted this year on Alumni day, were recalled at a recent faculty show, "Footlight Parade." Singing of three birds in a gilded cage were Mrs. Charles (Louise) Irvin, wife of an assistant professor of written and spoken English, at the piano; Mrs. Frank (Marjorie) Atchley, wife of an assistant professor of farm management, center; and Miss Dorothy Greey, assistant professor of home management and child development, on the right.

1908

Mabel McDowell is clothing specialist at Pennsylvania State College, and lives in State College at 234 Ridge avenue.

1911

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Harry Lee Baker is assistant state forester in West Virginia where the conservation commission offices are located in the capitol building in Charleston. . . . Harold T. Coughlin is located in Birmingham, Michigan, as an attorney-realator at 3305 South boulevard. . . . Norman L. Mattice is general manager of the Canoe Brook country club at Summit, New Jersey. . . . Ethel Trautman lives at 740 Ostrom avenue, Syracuse, New York, where she is an associate professor at Syracuse university.

1912

The class will be grieved to learn of the deaths of Earl W. DeGraff and Gordon G. Gabel, Mr. DeGraff, a former lawyer, died in Cassadaga, New York, on October 8. A former high school coach and teacher, Mr. Gabel died in St. Joseph, Michigan, on January 15. . . . Edwy B. Reid is director of information for the Farm Credit administration of the Department of Agriculture in Washington, D. C. He lives in Alexandria at 1619 Ripon place, Parkfairfax.

1913

John D. Fletcher was recently promoted to the position of assistant district manager in charge of personnel and sales training for the central district of Sinclair Refining company in Chicago. This new assignment comes after 26 years of service with the company, including the past 15 years as manager of the industrial lubricants division. . . . J. Carlson Hazley, who received his M.S. with the class, owns and manages an insurance agency at 15 Canton street, Baldwinville, New York.

1914

B. J. Holcomb is the Methodist minister in New Lothrop, Michigan, and in his spare time teaches agriculture at Kearley Agricultural school near Flint. . . . Clifford W. Reynolds has an insurance and bond business with offices at 1510 Book building, Detroit. Right now he is boasting about his new granddaughter, Cheryl Denise, born March 2.

The class will be grieved to learn of the deaths of Frank T. Wilbur, '91, and J. S. Miller, '91, of University, New York. Mr. Wilbur was a member of the local Academy of Medicine and the American Medical association, and once served as chief of staff of Benton Harbor's Mercy hospital. He is survived by his wife and daughter.

1904

Archie R. Alger, chief engineer with the Federal Power commission in Washington, D. C., died in that city on February 8. Prior to joining the natural gas division of the Federal Power commission seven years ago, Mr. Alger was sales manager for the Semet Solvay Engineering corporation in New York City. Earlier he was employed by the Steere Engineering company and Whitehead and Kales, both in Detroit. He is survived by three daughters. . . . Dr. Alvin A. Rosenberry, for 30 years a leading physician in Benton Harbor, died at his home there on February 18. A graduate of the University of Michigan medical school, he interned at Cleveland, and after a year or two in the west, returned to Benton Harbor and opened an office. He was active in the Berrien County Medical society, was a member of the local Academy of Medicine and the American Medical association, and once served as chief of staff of Benton Harbor's Mercy hospital. He is survived by his wife and daughter.

1909

Word has been received of the death of Clarence D. Sterling, of Detroit, on December 20, 1946.

1906

Lewis Kephart is located in Berrien Springs, Michigan, as surveyor and Justice of the Peace.

1907

Homer B. Grant owns a marmalade and jelly manufacturing company in St. Petersburg, Florida, where he lives at 830 18th St. North. . . . Perry Grover is employed by the Great Western Sugar company in Idaho, Colorado. . . . Gale Hines is located in Van Nuys, California, as a pharmacist at the Monterey Pharmacy, 12901 Riverside drive. . . . T. J. Penticos has retired and makes his home at 2568 Island Park, Manitou Beach, Michigan. . . . Ross S. Thomas, former clerk in charge of the Port Huron and Chicago railway mail service, is now making his home in Lansing at 1163 N. Capitol avenue. . . . Arthur W. Wilson is an insurance underwriter with the North American Life and lives at 197 Glengrove avenue, Toronto, Canada.
These Men Gave All

DeForest Logan Buchman, 1941
DeForest L. Buchman, a first lieutenant in the Army Air Forces and holder of the Purple Heart medal, held in action over Augsburg, Germany, on February 28, 1945, Sgt. Buchman entered from Mt. Pleasant, Michigan, and was graduated in agriculture on June 10, 1940. He is survived by his wife and his mother.

Richard Jerome Kroth, 1942
Richard J. Kroth, a lieutenant junior grade in the Navy, was communications officer aboard the submarine Tang which was lost in a freak accident while patrolling enemy waters on October 25, 1944. The Tang was sunk when one of its own torpedoes, fired at a Jap transport, made an erratic run and struck the stern of the submarine. Lt. Kroth, who held two

1915
Walter G. Hildorf has been transferred by Timken Roller Bearing company to Los Angeles with offices at 1328 South Olive street. . . .
Lloyd Shumaker is located in Caracas, Venezuela, as design engineer for Philips Venezuelan Oil company.

1916
Ford Peabody, of Birmingham, Michigan, has three sons enrolled at Michigan State this year. Frank, who was graduated in 1942, is taking graduate work, Ralph is a sophomore, and Alford is a freshman.

1917
Dr. Raymond R. Bolton, veterinarians of the Vermont Department of Agriculture for over 27 years, died at his home in Cabot, Vermont, on February 13. He is survived by his wife, two daughters, and two sons, one of whom is Dr. Wesson D. Bolton, ’41, a practicing veterinarian in Cabot. . . .
John Arthur Kerr was killed June 12, 1946, when the plane which he was piloting crashed near Niles, Michigan, during a bad electrical storm. . . .

1918
Glen J. Blades is president of the York State Fruit Distributors Inc., canal shipper and distributor located at 14 Franklin street, Rochester, New York. . . .
William F. Manby owns a farm implement concern in Battle Creek, Michigan, where he lives on rural route 7. Calvin J. Overmyer has been awarded the Legion of Merit by the War department. Mr. Overmyer, recently discharged as a colonel in the Army, is vice president of the Eilot Print & Varnish company in Chicago.

1919
Dr. Ethel Hoppham, who has been in charge of the bacteriological department at the University of Cincinnati, is now in Tokyo with the 49th Medical General laboratory of the 8th Army, and may be reached at APO 590 out of San Francisco. . . .
Ralph C. Swenson finished his terminal leave as a colonel in the sanitary corps late in December 1944, and returned to the New York State Health department as sanitary engineer for the Middletown district. This includes the counties of Rockland, Sullivan, and Orange, with headquarter in Middletown. . . .

1920
Norman Kalem is an agent with the 12th Criminal Investigation division of the U. S. Forces in Austria. . . .
Rosselyn Rice Murphy (Mrs. M. C. Murphy) of 411 Howard street, Grand Haven, Michigan, writes that their daughter Patricia will graduate from Michigan State in June, their son James enters in March, and their daughter Lenore in September.

1921
Harris Herrman writes from Homestead, Florida: "Had everything down here this year from hot and blight to war. In history we were fortunate and not hurt too much. Will die around 15,000 bushels of spuds and should have between two and three thousand bushel of corn. Sowed by April. One works at a real pace down here when the going is tough. When the blight was raging through the fields I had two spaders going on a Sunday and a plane dusting over head at the same time. Sprayed two hundred and fifty acres in one week but we held our field."

1922
William R. Blanchard owns and manages Cloverland Farms dairy in Traverse City, Michigan. . . .
Samuel Dippens is a structural designer and detailer for the Lummus company in New York City and lives in Bronx at 2475 Tienout avenue. . . .
Phillis F. Swaney is president of Swaney, Drake & Bement (Architects) with offices at 133 S. LaSalle street, Chicago.

1925
Carl F. Schulte, production engineer for the Oldsmobile division for the past 18 years, was recently appointed resident engineer of the Ford Motor company's Lincoln plant. Mr. Schulte began his service in Oldsmobile immediately following his graduation, as a chassis and body engineer. Later he served as national supervisor of technical engineering during the war, was assistant department division. . . .
Lucius D. Mills, president of the Mills Dry Goods company in Lansing, has been elected president of the Merchants' division of the local Chamber of Commerce.

1926
Word has been received of the death of Katharine Eliza Dickenson in Albin, Michigan, on February 2. . . .
B. T. Allen has his medical offices at 889 E. Mitchell, Petoskey, Michigan. . . .
Paul Smith has been named director of retail sales for the General Tire and Rubber company of Akron, Ohio. . . .
Rosebelle Snorer is counselor at the Michigan Children's Institute in Ann Arbor. . . .
upon termination of his service in the Army, LeRoy C. Stegeman resumed his work as professor at New York State College of Forestry at Syracuse.

1929
Mr. and Mrs. Arthur H. Michael (Marjorie Barbara) of 5128 Crane avenue, Detroit, announce the birth of Margaret Donna on November 11, 1946. . . .
Irving J. Clements has a flower shop and greenhouse in Holt, Michigan. . . .
Discharged as second lieutenant with 33 years service in the Army, Lewis C. Cook has returned to his work as sales engineer for the General Electric company in Milwaukee, where he lives at 2745 N. Bartlett avenue. . . .
Pierre Kenyon is general manager of C. C. Lang & Son, Inc., in Fremont, Michigan. The concern manufactures all types of pickle products.

1930
Donald Houghton, former resident of the Detroit State Penitentiary, has assumed his duties of dean of administration of Cleary college.
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Have You Moved? Married? Etc.?

Well, then, give with the news, and don't be stingy with details. If you've married be sure and include the date. New job, where and what is it? Baby, name and date please. Send all information to the Alumni Records Office, Box 561, East Lansing, Michigan.

Name:__________ Class Year:__________ (former students will designate years that they would have graduated)  
Best mailing address:__________  
Remarks:__________  
Informant:__________ Date filled out:__________  
Informant's address:__________
1942

Her classmates and other friends will be grieved to learn of the death of Charlotte V. Stevens in Bay City, Michigan, on January 26. After a year of research work in Pontiac, she worked for two years as a medical technician in the research department of the University of Chicago. Prior to her death she was research technician for a physician in Bay City. Her parents, two sisters, and a brother survive. . . . Carol Nancy was born February 7 to Mr. and Mrs. George Caged . . . Mr. and Mrs. Robert Craig Schupp (Martha Kell) of Union, Missouri, announce the birth of twins, John Craig and Judith Ann, on November 23, 1946. Martha also was a twin! . . . Jacob Luesch is junior forester in the department of parks and recreation in Detroit where he lives at 5095 Belvidere. He reports the birth of a son, Michael, on November 18. . . . Linda Joan was born January 22 to Dr. and Mrs. Burton A. Ross. . . . Thomas V. Weber, former news and special events supervisor for the College radio station, is now educational program director for the broadcasting service of the University of Illinois. He may be reached at station WUI; in Gregory hall on the campus at Urbana.

1943

William W. Beardsley and Jean Swengel, '43, were married March 2 and are at home in Pontiac, Michigan, at 4415 Henry Clay avenue. The Reliance Life Insurance company of Pittsburgh announces the appointment of Joseph C. Bork as representative in Grand Rapids, Michigan. . . . Lucille Fransen is head dietician at St. Joseph hospital in Flint, Michigan. . . . Dr. John W. Garling and Jean Robinson, '42, were married on October 26, 1946, and are now living in Detroit at 1707 Graff road avenue. . . . M. Perle Hart is secretary for the Mitze Greenman tours and travel agency in Chicago where she lives at 9429 S. Justine street. . . . Millicent Jones and Robert G. Swan (University of Oregon, '46) were married on December 19, 1946, and are making their home at 9 Melbourne, Columbia, Missouri, where both are on the faculty at Stephens College. . . . Mr. and Mrs. Bernard Schultz ( Mildred Schneider), of 20255 Morris Rd., Detroit, announce the birth of Walter Roy on February 8 . . . J. Thomas Reid, who received his M. S. with the class and his Ph.D. in 1946, is associate professor and director of research at Rutgers university. He and Mrs. Reid (Alice Smalley. '44) make their home at the Dairy research station in Sussex, New Jersey . . . Mr. and Mrs. Richard Brooks (Mary-Jean Wood) of 221 Newcomb S.E., Washington, D. C., announce the birth of Jeanne Ramsdell on December 9, 1946.

1944

A daughter, Julie Anne, was born December 19 to Mr. and Mrs. Max C. Collins (Jeanette Clay) of Saline, Michigan. . . . Lt. Col. F. W. Hasselback has returned from overseas and is at the AGF Headquarters at Fort Monroe, Virginia. . . . Mary Shearer Milton and her husband, Kirby M. (Harvard, '44) will celebrate their second wedding anniversary on April 29. They are living at 858 Tully court, Willow Run, Michigan, while Mr. Milton is a teaching fellow at the University of Michigan. . . . Christine Tucker is an interior decorator for the Ernst Kern company in Detroit and lives at 82 Kerby road, Groove Pointe. She reports hearing occasionally from Ruth Semenov, who has her dental office in the Jenkins Arcade in Pittsburgh, Rosemary Neulman who is employed in Washington, D. C., and lives at 941 N. Pollard street, Arlington, Virginia, Virginia Ward, '43, who is a social worker for the Detroit Chapter of the American Red Cross, and from Shirlie Logan who is located in Detroit as a social worker for the State Bureau of Social Aid.

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1945

Mac and Margaret Rice Crosby, of Crystal Lake, Illinois, announce the birth of a daughter, Cimaron Cay, on December 15. . . . Also living at Crystal Lake are Mr. and Mrs. George Petry, who was the former Althea Kraker, who were married on October 5, 1946. . . . A son, John Koith III, was born June 13, 1946, to Mr. and Mrs. John K. Pardee Jr. (Dorothy Hayes) of 10609 Riviera Place N.E., Seattle, Washington. . . . Dr. and Mrs. Cyril G. Spiek, of R. 2, Owosso, announce the birth of their sixth child, Thomas Edward, on March 4. . . . Barbara Steffler is assistant dietician at St. Luke hospital in Altadena, California. . . . Martha Vargha is a lunchroom manager for the board of education in Detroit, and lives in Plymouth at 11420 Gold Arbor road. . . . Mr. and Mrs. James S. Foster, of 584 Victory avenue, South San Francisco, California, announce the birth of Glee Nan on January 19.

1946

Marion Heckel and Robert J. Eade (U. of M. '44) were married on October 26, 1946, and are living in Detroit at 3480 Chicago. . . . George and Martha (Warner, '43) Hinz, of South Haven, Michigan, announce the birth of Janice Eileen on December 1. . . . Margaret Ann Sims (Mrs. L. James Schloss since last November) gives her new address as 296 E. Main street, Joni. . . . Lois Vollmer Green and her husband, Lewis, w'49, are living at 236 W. 10th avenue, Columbus, Ohio. She holds an assistantship in the School of Home Economics and is working for her master's degree. Mr. Green is an undergraduate student at the university.