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Sykes Alumnae Center is Dedicated

Susan Strickland '62

IN the vestibule of the Sykes Alumnae Center is an inscription which reads as follows: Alumnae Center, Dedicated to the Memory of Frederick H. Sykes, First President—Connecticut College, 1913-1917. This inscription and a realistic, inspiring, and friendly portrait of Dr. Sykes were displayed for the first time at dedication ceremonies held Tuesday afternoon, December 8.

This meeting for the purpose of dedicating the memorial center was opened by Sarah Pithouse Becker '27, president of the Alumnae Association, who acknowledged our indebtedness to the Class of 1919 for their forty years of volunteer effort, the goal of which was finally realized in the present student-alumnae center. She then introduced Winona Young '19, who related her impressions and those of her fellow students of Dr. Sykes. Miss Young was our first president of Student Government, first president of the dramatic club, editor of the college newspaper, and first president of the Alumnae Association—a woman well qualified to speak of the late President Sykes. The many degrees and accomplishments of Dr. Sykes may be read in a Who's Who; hence, Miss Young preferred to relate the more personal memories of Dr. Sykes around campus. The Class of 1919 started the idea of a student-alumnae center to meet the needs of resident and non-resident students for organization meetings and recreation and of alumnae for a place to center their activities. Dr. Sykes supported and encouraged the students in these endeavors and in all other worthwhile groups and undertakings. Both he and his wife were loved and respected members of the Connecticut College faculty. Dr. Sykes was known for his prodigious interest in people, his capabilities as a teacher, scholar, and administrator; he knew and understood his student body and, in addition to holding a personal interest in them, had great confidence in their abilities. Two examples of these qualities may be illustrated by the following:

Susan Strickland is the daughter of Wilhelmina Fountain Strickland '29.
be cited. One was his sending a college music student a note of commendation and appreciation after her recital; another instance was the act of turning over to the students the reins of Student Government four months after the college had begun. All in all, the first president was largely responsible for establishing this college by selecting its first faculty and initiating many of the precedents which still have a great influence today.

Present at the dedication ceremony was Dr. F. H. Sykes' youngest son, Christopher Sykes, with his wife and their two daughters. The elder, Frederick, had the honor of drawing aside the curtains concealing the dedicatory plaque, while her younger sister, Christina, unveiled the portrait of her grandfather, Dr. Sykes. Those attending this occasion then adjourned to the newly decorated alumnae lounge for refreshments. Furnishings for this room are the gift of Mrs. Becker in memory of her parents, Mr. and Mrs. Arthur W. Pithouse. Thus through the tireless efforts and contributions of many, many people, including Dr. Sykes, the Class of 1919, and, of course, Mrs. Mary Williams Crozier, the student-alumnae center is now a reality for all present and former students and faculty to utilize and appreciate.

This dedication of the Sykes alumnae wing of Crozier-Williams was scheduled for December 8 in connection with the inauguration that evening of the annual Sykes Memorial Lectureship, a lasting gift of the Class of 1919.

Fiftieth Anniversary Fund
Nears $2,000,000
Class Agents to Join in Campaign

GILBERT OSBORN,
Director of Development

As this is being written gifts and pledges to the 50th Anniversary Fund are creeping steadily toward the $2,000,000 mark. The latest available figures show that 4,170 donors have contributed a total of $1,778,721 to the campaign. Of this amount, approximately 53% or $728,268 has been pledged by the alumnae, both graduates and non-graduates. A number of recent gifts have come from donors who made a gift earlier in the campaign and have found that circumstances have permitted them to increase their original commitment.

Several large gifts from corporations and foundations late in 1959 also helped to push the campaign total well beyond the $1.7 million mark. Notable among these were a $50,000 grant from the James Foundation of New York to be used toward the cost of finishing the wings of Palmer Library; two grants totalling $8,500 from the Esso Education Foundation; and a $1,500 grant from the Reader's Digest Foundation. In addition to the earlier gifts from several large corporations and company foundations, the total contributed to the 50th Anniversary Fund by business and industry stands now at approximately $470,000. This figure also includes those "matching gifts" made on a dollar-for-dollar basis by many companies whose employees have contributed to the Fund. A number of alumnae have taken advantage of the "matching gifts" programs to double the size of their contribution.

As the campaign looks toward its final year and the urgency of achieving its $3,100,000 goal by commencement of 1961, machinery is being set up to insure that every alumna of the College is given an opportunity to participate. The Class Agents Organization of the Alumnae Association will be activated during the year ahead for the purpose of contacting those alumnae who reside in communities where there has been no formal solicitation effort made on behalf of the Fund.

During the past year, volunteer committees of alumnae have been active in those areas across the country where the numerical concentration of alumnae, parents and friends of the College is greatest. The generous and conscientious efforts of these regional volunteer committees have been chiefly responsible for the unusually high percentage of participation which has been achieved in these areas.

However, since it has not been possible for members of the regional committees to call on all alumnae on behalf of the Fund, it is hoped that the Class Agents Organization will be able to contact either personally or by mail every alumna who has not yet been asked for a pledge to the campaign. The Class Agents were invited to attend Alumnae Council in February, where preliminary plans for next year's operation were outlined.

As the campaign looks ahead to its final, and most important year, the cooperation of the Alumnae Association in making its resources available to the campaign will mean much to the success of the Fund.
Robert Frost is First Sykes Lecturer

Lectureship is Gift of Class of 1919

The noted poet Robert Frost inaugurated an important new lectureship at the College on December 8th. The Sykes Memorial Lectureship, made possible by the Class of 1919, "could hardly have started under more distinguished auspices," stated Mrs. Mary F. Morrisson, secretary of the Board of Trustees, in her introduction. Mr. Frost delighted his audience of over 1300 persons with an informal talk about his approach to poetry and a reading of a number of his own poems. These included "Two Tramps in Mud Time," "Birches," "The Tuft of Flowers," and "What Luck I Have." He paid tribute to his poet friends, Richard Wilbur of Wesleyan, who introduced him, and William Meredith of Connecticut College. "It's a pleasure to be with poets I don't have to strain to like," he remarked. In response to a standing ovation Mr. Frost returned and recited "Mending Wall" and "The Gift Outright."

The Sykes Memorial Lectureship was made possible by a gift from the Class in 1919, the first class to graduate. It was established as a lasting memorial to Dr. Frederick Henry Sykes, first president of Connecticut College. Mrs. Morrisson, in discussing the Class of 1919, said that "they wanted above all to keep alive the sense of Dr. Sykes' spirit, personality, ideals." She referred to the words of Irene Nye, first Dean of the College, who wrote, "Dr. Sykes was . . . a man whose extraordinary intellect, whose candid and ceaseless search for truth left an impression on many a student."
"A Report on the Class of '47" (GC Alumnae News, August, 1959) provoked more comment than anything printed in the Alumnae News in the last year and a half. Most persons agree with the author that we are an uninspiring lot. One member of the Class of '47 disagrees, and in her letter printed below, she makes a spirited and witty defense of motherhood.

In general, people sympathize with the chronic problem of the educated mother: how to be an intellectually creative person despite the endless demands of running a home and caring for children. A number of persons deplore the trend toward larger families; too often the educated mother wraps herself in the cocoon of a busy home life. Marya Mannes, in an article in The New York Times Magazine ("Female Intelligence: Who Wants It?", Jan. 3, 1960), suggests that there should be no stigma attached if the intellectually productive mother works while her children are left in the care of competent help.

Among 8,000 alumnae there must be a wide range of opinion on this subject. The editor invites comment.

To the Editor:

Presumably we all have been long enough to have made our mark or dug our hole, and the inference is that the majority of us are doing the latter ("... some few of us are living wonderful lives... "). It is my feeling that some more of us are leading wonderful lives than mere answers to questions would indicate. A questionnaire is not all-revealing; it shows what many of us are doing but not how we are doing it.

Why do we feel we must either apologize for or rail against our present mousewife* state? We chose it. This doesn't mean that we should be the smug little hausfrau, forever trying new recipes and simpering over our children's reading progress, (even if Jean Kerr has made lunatic jollity the obligatory adjunct to the peccadillos of one's young), but it does mean that we can have direction and identity, even though we have produced no Eve Curies, no Mary Cassatts, no Eleanor Roosevelts. I don't think it is unimportant, in the world scheme of things, to raise a potential physicist... original thinker... poet... intelligent voter... or one who may help his generation somehow achieve peace. And I think we who are college trained have a better chance of doing this (though I wished for a quick science refresher the day a four-year-old asked earnestly, "Hey, what does breaking the sound barrier mean?"). I don't think it is unimportant either to introduce a new composer into a concert program, champion a controversial idea in a church committee, or help bring a new school building into being.

Of course the building and growing and deepening of ourselves is important (to refer again to a concluding comment in the "Report"), but this doesn't have to take place in an isolation booth. I think it can happen, dishpans and diapers notwithstanding, in the ordinary framework of our families, our community affairs, our individual avocations. We do have a responsibility to ourselves as individuals to keep in use any particular talent we may have, and we have a responsibility to ourselves as members of society to be intelligent about our activities, to stick to our own spheres of interest and skill and be courageous enough to say no to mere community busy-work.

If we are failures in any way as a class, a group, a sex, it lies in our refusal to accept our chosen position. The compiler of the "Report" wonders who she is and where she's going, and these are questions we should all ask ourselves. Maybe the direction is too often circular, the identity too frequently lost in limbo between Susan B. Anthony and Dennis the Menace's Mom, but we still can contribute creatively to our world and "lead wonderful lives" simply by being ourselves to our fullest capabilities in the lives we have picked.

ELIZABETH McKEY HULBERT '47
Oneonta, N. Y.
OF increasing concern to those of us interested in preserving natural areas is the alarming increase in population and its effect on the face of the earth. Most of you near large cities are familiar with the bulldozer of the developer, the dredge, and various other devices of our civilization which are destroying the natural beauty of our landscape. For us scientists it is a matter of seeing some of the very last bits of virgin forest fall to the ax, the last little pieces of wild beach covered with human flesh, the last little patches of prairie plowed, the very last little pockets of bog and wetland drained, mined for peat, or filled in with dumps. The living communities found in these habitats are an important educational asset for those of us who are trying to fascinate our students with the complexity and beauty of our natural environment.

What is a natural area? To use a conservation cliche, a natural area is an outdoor museum—a place where people can see living animals and plants in the undisturbed state. It might equally well be called an exhibit of wild land, or an undisturbed...
community of plants and animals. Nature Conservancy is really the national organization which is concerned with the preservation of pieces of land, either under the ownership of the Conservancy itself or under other suitable institutional auspices. It is the only national membership organization that is primarily in the real estate business. In the past five years it has acquired or now has under contract to purchase, well over 6,000 acres of relatively undisturbed pieces of America—some of the very choicest pieces. Of course, this is an extremely minute fragment of what needs to be accomplished.

In our program here at Connecticut College we are blazing trails. In 1952 the trustees of the College, at the behest of the Botany Department and the Arboretum, set aside in perpetuity a 100-acre portion of the Arboretum, part of it west of the lake and part of it north of Gallows Lane, as a natural area to be left as nearly as possible in the undisturbed state. To orient some of the older alumnae, this tract includes the Bolleswood, which was given to the College in 1911; the ravine which was given to the College by friends of the Arboretum in 1937; a tract west of the ravine which was acquired by gift in 1951; and some miscellaneous pieces of land which have been acquired since that time north of Gallows Lane.

We take all of our introductory biology classes out on the big ledge in the Arboretum Natural Area and talk about the nature of the ice sheet which came down from the north and deposited this huge erratic boulder. We observe the nature of the vegetation which naturally invades a rock surface. We discuss how plants and animals condition the face of the land in the absence of human disturbance. We describe the interesting long-range vegetation research program going on in the natural area financed by the Connecticut Geological and Natural History Survey. During the past seven years, practically all the majors in the Botany Department have participated in this program. They have stayed on after College closed in June and have mapped in great detail the vegetation along permanently marked transect lines. Starting out in our pond, which is becoming invaded with the aquatic plants such as water lilies and pickerel weed, one of these transects runs westward through a transitional shore line to the shrub zone and thence to the mature oak-hemlock forest of the ledges and ravine. This lovely forest was decimated by the 1938 hurricane, but here the student can observe the nature and speed of decay, the origin of wind-thrown mounds, and the natural regeneration of the woodland. We have mapped the vegetation on 10x10 foot square quadrats along the permanent transect lines, and after those students have been working full time for three weeks on this job, they know their flora! We are interested to see what will happen over a period of time on these permanent quadrats. We shall be able to get some information about how long it takes to grow a tree, just which species are coming in and which dying out, just how long it takes for an abandoned field to become converted to forest.

Mamakoke Island is another natural area which was given to the College. It was purchased from Merritt, Chapman and Scott Corporation in 1955 for $15,000 with gifts from 286 individuals and organizations, and was given to the College with the stipulation that it should remain forever in its natural state. This is a beautiful rocky tract available to the College and the local community for recreational purposes. We have another research project in progress here. One of our students, Amelia Rechel '62, a major in chemistry, sampled the mud in the salt-marsh which connects the island to the mainland, and attempted to correlate the salinity with the zonation of the vegetation in the marsh. This is putting chemistry to work on a prac-

RICHARD GOODWIN, chairman of the botany department and director of the arboretum, writes in this article of his concern over the rapid disappearance of land in its natural state. A former president (1956-1958) and now a board member of Nature Conservancy, an organization devoted to preserving natural areas, he has helped acquire some choice pieces of land for the group. Natural areas are of great importance to him as a teacher, and the photograph on this page shows his students doing a detailed and thorough study of a section of the arboretum natural area.

A Harvard man (B.A., M.A., Ph.D.), Mr. Goodwin came to the College in 1944. He is a fellow of the American Academy of Arts and Sciences and has published in numerous scientific journals.
tical problem in plant ecology. The study was done under the direction of Dr. William Niering, associate professor of botany, but was carried through as independent investigation by the student.

Another facet of the salt marsh ecology which we have been studying is the role of animals in changing the vegetation pattern. The distribution of meadow mouse runs, which are found around the edges of open pools in the marsh, have been mapped. These runs may well be a factor in the progressive enlargement of these pools. One of the mysteries we have not yet solved is what becomes of these little beasts when the high tides come in and flood the marsh. These examples will serve to illustrate how natural areas can be used by students in the field, and to explain one of the important reasons why we want and need to have these preserves set aside.

At the state level Dr. Niering and I have been busy promoting a program for the preservation of wild lands. This activity has been jointly sponsored by the Nature Conservancy and by a Committee of the Connecticut Forest and Park Association. One of the areas which has been acquired by the Conservancy to date is Beckley Pond and Bog and its surrounding woodlands. This project, known as the Frederic C. Walcott Preserve, is located in the town of Norfolk. Its most notable feature is the extensive bog heath with its most interesting northern flora, dominated by black spruce, larch, and many unusual ericaceous shrubs.

A number of other areas have been set aside by various institutions and government agencies as a result of the activity of the Natural Areas Committee. Locally we have been working with the Waterford P.T.A. to encourage the establishment of the 20-acre natural area adjacent to the Clark Lane School. We feel that natural areas for schools should be an important part of our program all over the country, since these can serve as outdoor laboratories for effective educational programs in conservation and natural history.

One of the Nature Conservancy's finest accomplishments is located in Westchester County, New York, just over the Connecticut line. This is the Mianus River Gorge Preserve. Mrs. Gloria Hollister Anable '24 has been a moving spirit in this magnificent project. It is truly remarkable that such an area can be found almost within the boundaries of metropolitan New York.

Other Conservancy projects include Thompson Pond in Dutchess County, New York, a famous area for nesting and migratory water fowl and the inspiration for a fascinating exhibit in the Hall of Forests of the American Museum of Natural History; and the Cranberry Bog near Stroudsburg, Pennsylvania, established through the efforts of Dr. Niering. The Cranberry project illustrates well the importance of wet-lands in a conservation program, since the presence of the bog in 1955 was responsible for saving bridges on that portion of the watershed immediately down-stream. Practically all other highway bridges in Monroe County, Pennsylvania were destroyed during the disastrous floods.

Our most exciting project of all is the Northern California Coast Range Preserve—an entire 7,000 acre watershed in essentially its virgin condition. Undisturbed watersheds are becoming extremely rare in California, and the beauty and scientific interest of this area is going to make it one of the country's most valuable natural preserves in the years to come.

As short a time ago as 1954 the Nature Conservancy did not own a single acre of land. Now it owns or has under contract over 6,000 acres in eleven different states. In the past fiscal year it received in value of land and money for its program over 1.5 million dollars. During the same period less than three per cent of this sum was spent on overhead. Practically all of the work has been volunteer. The cause is so urgent that we have been able to accomplish what we have with no expenditure for professional help in money raising. To save adequate samples of wild America on a national scale is a tremendous job, and we are going to have to have a lot of help to accomplish it.

BIOLOGY CLASS on a rocky outcrop scoured by the ice-sheet. A glacial erratic is at the left. This is the heart of the Arboretum Natural Area.
LOCATED on the top of Bill Hall is the base of operations of a group organized under the title of the New London Visual Observers of Satellites—or more briefly, V.O.S. Our V.O.S. station is one of a number of registered stations of the Smithsonian Astrophysical Observatory in Cambridge, Massachusetts. Membership in the group, which is on a volunteer basis, has been drawn mostly from engineers and research scientists associated with industries and military installations in the New London area; teachers in schools and colleges in the area; members of local astronomical and radio societies; and the student bodies of Mitchell College and Connecticut College. We are fortunate to have so many highly trained scientific and technical personnel to draw from.

The group was organized to participate in the activities of the International Geophysical Year. This was a period (July 1, 1957-Dec. 30, 1958) designated for a cooperative and intensive study of the physical aspects of the earth. Many stations, involving the cooperative efforts of more than sixty nations and thousands of scientists, were established at points distributed all over the earth. One of the many projects of the I.G.Y. was the launching of artificial satellites. Many of these satellites are miniature research laboratories. They carry measuring instruments, devices to monitor the instruments, and miniature broadcasting stations to transmit the observations back to earth. On the other hand, a great deal of valuable and useful information can be obtained by merely watching and recording the paths along which these tiny moons are traveling. To make such observations is the purpose of our group; that is, we are a moonwatch team.

Some knowledge of the satellites which occupied the attention of our group is necessary in order to understand the purpose of the moonwatch. Why does a satellite keep going around and around the earth? Interestingly, the fundamental laws for launching a satellite were enunciated by Isaac Newton almost 300 years ago. His law stated that all objects dropped from a certain height will fall in a certain amount of time. Perhaps some of you are unaware of the fact that if the object is thrown sideways and falls, it will fall in the same amount of time. This law can be demonstrated with a simple device called Newton's pistol. If a bullet is fired sideways and one is dropped at the same time from the same height, they will both hit the floor at the same time. The law states that all objects fall toward the center of the earth, and the rate at which they fall toward the center of the earth is independent of any sideways motion.

Newton also stated that this law applies only so long as one is on level earth. In Newton's *Principia*, his great synthesis of mechanics, there is a little picture of the earth with a mountain on it. He pointed out that if one could get on the mountain and fire an object fast enough, it would continue to fall toward the center of the earth, but as it fell, the earth would keep falling away from it. The object would continue to go around and around the earth. It would be, in other words, a satellite in orbit.

ON THE COVER: Paul Garrett, chairman of the physics department and author of "The Moonwatch," was snapped in his laboratory measuring the capacitance of a shielded lead. In 1954, two years after coming to the College, he and Gordon Christiansen, professor of chemistry, introduced an experimental physical science course. Starting with no assumed background in science and only a minimum of mathematics, the course satisfied the college science requirement introduces the ideas and information necessary to deal with the most modern relativistic and quantum-mechanical theories of science.
Observing telescopes mounted to form an optical fence along the meridian.

The theory is simple, but the doing is more difficult. For one thing, we live at the bottom of a sea of air, and if we fired an object from a mountain, it would travel through the sea of air. Its energy would be quickly dissipated; it would slow down and eventually drop. However, we could get above the sea of air and fire an object, there is no reason why it could not continue to go around and around the earth. The natural moon has been doing this for billions of years, and some of the artificially launched ones are expected to stay up for quite a few years.

When a satellite is fired (it is taken up out of the sea of air by a rocket), we calculate on the basis of our laws of mechanics how it will move, providing the earth has the shape and the distribution of mass that we think it has. If it does not move as we expected it to, then we know that our information is incorrect. By careful observation of the path of a satellite, we can learn how its path differs from our calculated path. From these differences we can deduce the necessary corrections of our knowledge of the earth.

The nature of the upper atmosphere is another subject under study. We have a fairly good idea how deep the sea of air is and what it is like except for the outer regions. If a satellite goes around and swings closer to the earth (it goes in an elliptical orbit rather than a circle), it passes through the outer regions of the atmosphere, its motion would be changed by the drag of the atmosphere. The next path around would not be the same. If repeated observations showed a gradual change in the orbit, it is possible to learn something about the upper atmosphere which is producing the changes.

The first service of the moonwatch team was to spot the satellite and to record the exact time it crossed a known position. Such information from a large number of cooperating stations was transmitted immediately (often by telephone) to the Smithsonian Observatory in Cambridge. Here the data were collated and the approximate orbit of the satellite was calculated. Once this was known, future observations could be made more easily. For instance, very precise data can be obtained by large telescopic cameras, but these devices must be preset in the proper direction in order to catch the satellite as it goes by. Knowledge of the orbit makes this possible.

The top of Bill Hall was designed to be an observatory housing a large telescope. These plans did not materialize, and the main room is now the sculpture room which has a transit slot in the roof. This is our station. A transit slot is a narrow section of roof, accurately aligned in a north-south direction, which can be cranked open. Under each end of the slot are roof-high casement windows. With the windows and the slot open, a clear view of the sky along the prime meridian for our station is in view. Mounted directly under the slot are sixteen elbow telescopes. The two telescopes at the center of the line are mounted almost vertically. Going from the center to the end of the row each telescope is mounted at successively larger angles to the vertical in such a way that their fields of view just overlap. This arrangement forms an optical fence which a passing satellite would have to cross. Time signals are received from Arlington by short wave radio. These signals activate a pen which marks off seconds on a moving strip of paper. Alongside of this pen another one is connected electrically to push buttons mounted under each telescope. When a satellite crosses the meridian it has to pass through the field of view of one of the sixteen observers seated at the telescopes. This observer watches it until it arrives at the center of his field of view (marked by a cross hair in the telescope) and pushes his button. This causes the pen to make a mark alongside of the recorded time signals. Thus the time of passage is known to a fraction of a second, limited only by the reaction time of the observer. And from the direction of the telescope the point of passage is also known.

If the satellite is not expected to cross the prime meridian, then the two beams which hold the telescopes are carried out onto the roof. Here each beam is mounted on a specially built platform along any one of several pre-

(Continued on Page 19)
In the past decade man has begun to venture out of his element, not in a figurative sense, but quite literally. Our armed services, and their Soviet counterparts, have explored much of the ocean depths, have probed space for a few thousand miles, and have made a couple of thrusts to or beyond the moon. So far these explorations have sent radiation meters or television cameras to do the observing. But plans are well advanced and much of the equipment is now under construction for vehicles manned by human observers to be sent out of the earthly element. It is well known that the Navy has operational submarines which have carried people on excursions beneath the sea for periods of up to two months. Plans and equipment are being made for the radical extension of the time of these excursions. The National Aeronautics and Space Administration (NASA) has almost immediate plans to put manned satellites in orbit and projects a trip to Mars within a very few years.

Why have space travel and indefinitely prolonged undersea travel suddenly become more than fanciful dreams? The answer is that unique sources of energy have suddenly become available. The development of the nuclear engines now used in our submarines and the development of large rocket engines have both taken place in the last few years. These sources of energy are, of course, stupendously large in comparison with ordinary energy machines. But the truly unique quality of these new propulsion devices is their self sufficiency. They require only their nuclear fuel or their solid or liquid rocket propellant, while a diesel engine, for example, requires an almost unlimited supply of oxygen to make use of its fuels.

One energy machine which the NASA is stuck with is an archaic model, not powerful at all, quite inefficient, yet demanding in its requirements of specialized fuels. It is really obsolete and the problems of adapting it to the stringent requirement of extra-terrestrial environments are virtually insurmountable. If the NASA explorations are to be something beyond trivial exhibitions, however, human beings must be sent along. And there is no imminent possibility that an anaerobic human being, capable of using kerosene or uranium as food, will be developed. I refer to the human being as an energy machine, and for these purposes, that is the best way to think of him. For a human being to survive and to function he must expend energy—biological energy—and the ultimate source of this energy is the food he eats. Energy is made available by degradation of the food by a series of biochemical reactions which require oxygen.

Man's requirements for survival and function can be determined by studying the normal earthly environment around us. We learn from it what must be supplied artificially in any venture out of the environment. In addition to food and water, the requirements include low concentrations of carbon dioxide and moisture in the atmosphere and a temperature closely controlled near 70° Fahrenheit. All these requirements present formidable problems to the scientists and engineers. My particular concern is the provision of the stuff of energy metabolism—the highly organized fuel which we call food and the oxygen with which to burn it in the biochemical reactions of the human energy machine. In the laboratories of the Electric Boat Division of General Dynamics Corporation, where I occasionally act as a consultant on bioengineering problems, much of the engineering development of a solution to this environmental problem has been accomplished. Their interest in the

Gordon Christiansen, co-sponsor of the physical science course (see p. 10), is co-author with Mr. Garrett of a textbook, "Structure and Change: The Science of Matter," which is based on the course. It is a study of the two major physical sciences, physics and chemistry, from the standpoint of how the substance of our environment is put together. The parts of classical introductory physics and chemistry courses which relate to the structure of matter are included. The book appeared in late March published by Freeman & Co., of San Francisco.
long-term submergence of atomic submarines has led to extensive work on the closely parallel problem of providing a habitable atmosphere for space capsules.

At first glance the problem of a habitable environment does not really exist; it is solved the same way you solve the virtualizing of a picnic: you take along all the food and materials you need and make some provision for disposing of the trash. This is exactly the way submergence trials have been carried out. The difficulty is that the picnic basket has a finite capacity—you cannot live forever on its contents. It is interesting to make an estimate of the amount of material needed to keep an environment habitable for a sizable length of time.

The complex series of chemical events which make available the energy of human existence can be summarized (in a greatly simplified way) by the following chemical equation:

\[
\text{sugar + oxygen} = \text{water + carbon dioxide + energy}
\]

No human being can live on a diet consisting entirely of sugar, but sugar is the most energetically concentrated food; nor are water and carbon dioxide the only waste products of human metabolism, but they are by far the most bulky and they create the most serious disposal problem. But let us take this simplified equation, keeping in mind that many factors will complicate any conclusions based on it. The determining factor in deciding how much of this reaction must be carried out is its energy production. An average man doing relatively sedentary work requires around 2500 to 3000 calories of energy per day. In the above reaction there is an exact quantitative correspondence between the sugar consumed and the number of calories produced. I will pick the number of 2800 for the calories required per day. It takes 1.5 pounds of sugar to produce these 2800 calories and it also takes 1.8 pounds of oxygen to oxidize the sugar biochemically. The reaction also produces 2.4 pounds of carbon dioxide, which must be removed from the air by an absorbent. The most economical is lithium hydroxide, 1.3 pounds being required for the 2.4 pounds of carbon dioxide. Since no human being could exist on a diet of pure sugar, it would be reasonable to double the weight of food to 3 pounds per day, in order to supply the necessary bulk and to make up the loss of nitrogenous materials in the excreta. The total excreta amount to about 5.5 pounds of water and 0.5 pounds of solids per day.

These quantities, expressed as amounts per man per day do not seem unreasonable. The problem becomes difficult only when one considers the amounts necessary for proposed space or submergence excursions. The requirements for a trip to Mars of 5 men for 3.5 years, or the equivalent requirements of a submarine with 100 men submerged for two months, would be 5.5 tons of oxygen, 9 tons of food, and 12 tons of water; about 7.5 tons of carbon dioxide would have to be removed from the atmosphere.

None of these weights is beyond the capacity of a submarine, but what if we want to stay submerged four months instead of only two? Of even six months or a year? Clearly there comes a limit, and that limit cannot be far beyond the present two month record, when the capacity of the submarine is not sufficient to carry the bulk of material for this wasteful, "pack the picnic basket" method of providing a habitable environment.

For space ships the limit of the carry-and-consume approach cannot be more than a few days. The most massive object yet put in orbit weighed less than a ton and the objects sent beyond the earth's gravitation were hardly bigger or more massive than an actual picnic basket. The best engines we can reasonably expect in the next decade could hardly be expected to carry a load as large as one-tenth of the amounts estimated for a trip to Mars. Yet in spite of these pessimistic conclusions, NASA is going ahead with its plans for a manned space vehicle in the next few years. Clearly there must be a gimmick somewhere. This gimmick is the contribution of the biochemists to the engineers' problem and explains why my interest in plant biochemistry seems valuable to the administration of the Electric Boat Company.

The answer to the problem—or I should say, at this time, the possible answer—lies in the very estimable concept of conservation. When the first space ship is launched, there is going to be a very limited amount of substance aboard, and the substance which is there cannot be wasted. None of it can be thrown overboard; it all must be used and reused in a closed cycle habitability system.

In commenting on the chemical equation above I stated that the sole reason for this huge complex of biochemical reactions which is summarized by that equation is to provide energy for human function. And earlier I stated that we are stuck with a machine that can only get its energy requirements through the operation of this complex of reactions which are represented by that equation. Finally, I suggested that the supply of energy in the submarine or space ship is plentiful, either from a nuclear reactor or from solar radiation, but neither form is usable directly by the human occupants. Now the obvious conser-

Professor Christiansen with model of bioecological system.
ervative solution to the problem of human energy and human habitability would be to reverse the first chemical equation:

\[ \text{energy} + \text{carbon dioxide} + \text{water} = \text{sugar} + \text{oxygen} \]

The solution would be to devise some machine which would consume energy, carbon dioxide, and water and in doing so synthesize sugar and give off oxygen. In such a way the substance of the food and oxygen would serve as a necessary mediator between the abundant source of energy and the human machines which use the energy.

This is almost exactly the reaction of photosynthesis which takes place in all green plants. Furthermore, the differences are just the reverse of those peripheral complications which I have mentioned in connection with the first reaction. In addition to carbon dioxide and water, plants consume degraded nitrogenous materials, and they synthesize some proteins and other interesting foodstuffs as well as the sugar which is the bulk material. In short the proposal of the biochemists, which is the only seriously considered method of providing habitability for space ships and is almost equally important for submarines, is that these closed chambers include a supply of green plants to convert the waste products of human metabolism back to food and oxygen. We do not suggest that each submarine or space ship carry its own truck garden. That might be nice for variety in food, but it would contribute little to the solution of weight and bulk limitations. The suggestion is that a culture of green algae be maintained in a device in which they can be offered energy in the form of light and into which the excretory carbon dioxide and nitrogenous materials can be introduced.

The single-celled algae have been chosen for this role of energy convertor for various reasons. They are extremely efficient in their photosynthetic reaction from the point of view of weight and bulk—and this is the prime consideration in this business. Each algal cell is just a tiny bundle of photosynthetic capability whereas most higher plants include a lot of substance which contributes nothing to our basic energy equation. A second reason is that the substance of algal cells is almost entirely edible and makes a very nutritious food. The major flaw is that it contains too high a concentration of protein for a normal diet. A third good reason for choosing algae is that a suspension of algae is mechanically very easy to handle. It can be pumped like a liquid, centrifuged, streamed, strained, and subjected to all sorts of manipulations which would be totally impossible with higher plants. And this ease of handling will become very important when the problem of weightlessness is encountered in space travel. Finally, there are a number of secondary factors which contribute to the choice of algae; for example, they are quite content to use urea, the major form in which nitrogen is excreted by human beings, as the major source of nitrogen in their nutrient.

The biochemical solution of the environmental problem is then to provide a culture of algae in a chamber which is lighted by either electric light or, in the case of a space ship, possibly the light from the sun. The algal cells then absorb the carbon dioxide from the atmosphere of the capsule and, using the light energy, convert the carbon dioxide to new algal cells with the production of oxygen as a by-product. Some of these new algal cells are harvested and are used as food by the human occupants. The by-product oxygen is also used by the human occupants and the carbon dioxide and urea excreted by them are returned to the algal culture for the synthesis of more oxygen and algal cells. The net result of this cyclic reaction is that energy is put into the system as light and is removed from the system as human function, while the substance remains in a closed cycle. This is, of course, a microcosmic model in the small closed space of a submarine or a space cabin of the cyclic system which operates on a grand scale in our earthly cosmos.

The basic facts of photosynthesis, including the in-principle feasibility of this microcosmic system, have been known for many years. The current research is developmental, aiming at increasing efficiency and reliability and at minimizing the weight and bulk of the system required. The major lines of research have been the search for more intense and more efficient light sources; the search for more efficient and photosynthetically more active algae; and efforts to operate the system on a closed cycle basis. Considerable success in these searches has been made. At present a device using extremely compact incandescent lights (one of these is hardly bigger than a pencil yet has an output of 1500 watts) and a very active high temperature strain of the common fresh water alga Chlorella has been developed which has bulk and weight considerably less than a kitchen range yet is capable (theoretically) of producing oxygen and food for 4 or 5 men. I say theoretically because as yet there has not been an experiment in which human subjects have been supported in their oxygen or food needs by a culture of algae. There have been experiments, though, in which experimental animals have had their oxygen needs supplied by such a culture, and there also have been several experiments on feeding of algae to animals. The palatability of algae has also been tested—and found acceptable—by human beings.

Now what of the real possibilities of space travel and unlimited submergence by human beings? It is not quite certain that an algal culture can supply the environmental support for such ventures; but it is certain that no other system, as yet even contemplated, can. Much speculation is being done on the possibilities of carrying out the photosynthetic reaction by some system which does not depend on the living algae. The feeling is that algae, like humans and other living organisms, are not entirely reliable and are certainly complicated and inefficient. But so far no other reaction system is known which offers even a prayerful hope of accomplishing this transformation. So once again the Navy and the Space Administration are stuck with living creatures as a part of the technological system.

The life of a submariner and an astronaut will be hazardous and grim. Perhaps not the least of the grimness will be the necessity to live on a diet of green paste, nutritious but hardly as attractive as the usual Navy and Air Force fare. On the other hand, this may not be too great a penalty to pay for the experience of venturing out of the mundane element.
Teachers Make Excellent Students

BERNICE WHEELER '37
Associate Professor of Zoology

WHEN I mention having taught last summer at Wesleyan University in Middletown, Connecticut, it is frequently assumed that my students must have been some of Wesleyan's undergraduates who failed a course during the regular academic year. I doubt that I could have been as enthusiastic as I was about my summer work if this had been the case.

First of all, what is meant by having a National Science Foundation Institute at another college or university? A science institute is comprised, first, of a hard working student body made up of either college or secondary school teachers who have been awarded National Science Foundation Fellowships in order to study science courses during a six- or seven-week summer period. Secondly, the faculty of a science institute is usually represented by staff members drawn from the faculty of the university or college which is acting as host to the science institute and by professors from other institutions.

The establishment of summer science institutes is a relatively recent part of the National Science Foundation's vast program and is aimed at improving teaching at both the secondary and college levels. Taxpayers' money is appropriated to the Foundation by the U. S. Government, and the Foundation, in turn, appropriates thousands of dollars from its budget to various colleges or universities which have made application to have summer science institutes on their campuses. The summer program at Wesleyan with which I was associated was a science institute for high school and junior high school teachers.

The appropriation from the National Science Foundation to Wesleyan for the summer of 1959 was $100,000. This is a sizable sum of money, and one might feel that this is something which any up-and-coming university or college would make application for. When it is understood how the $100,000 was used, however, it becomes clear that not just any institution is in a position to have a summer science institute on its campus. Practically the entire sum was awarded as National Science Foundation fellowships to the teachers who attended the summer session; only $23,000 went to Wesleyan for operating expenses. Each

Bernice Wheeler is seen above teaching at the summer science institute at Wesleyan. Her students—all excellent—are science teachers on the high school and junior high school level studying on fellowships awarded by the National Science Foundation.

An alumna of Connecticut College (Smith M.A., Yale Ph.D.), she returned to the College in 1947 as a member of the zoology department. Her specialty is genetics and evolution, and she plays an important part in the elementary biology course.
student who attended the institute was given a $450 fellowship for a six-week period. The students paid no tuition to the university; in addition, they were given travel expenses and allowance for dependents, for many of the students were married men with families. Wesleyan obviously could not pay its summer faculty, administrators, and secretarial help on a $23,000 budget; it had to make up the difference from its own funds. In other words, it costs an institution money to have a summer institute. Wesleyan is one of the most highly endowed universities in the country. It feels it can afford to operate these summer programs at a loss, so to speak, and this is just another instance which points up how important it is for colleges or universities to have large endowments.

The programs which are available in these various science institutes vary. They are not stereotyped; they may include courses from only one field or, as at Wesleyan, mathematics, physics, chemistry, biology, geology, and astronomy may be offered. The number of students in each institute also varies, but the average science institute has fifty teachers making up the student body; this is not, in effect, mass education. These are highly selected people and the actual selection must be as difficult as putting together a freshman class for an undergraduate program. A tremendous amount of work goes into choosing the teachers who are to be awarded fellowships.

Now more specifically, here is what I did and why I was so enthusiastic about it, aside from the fact that I do enjoy teaching. I taught two courses, one in evolution and one in genetics, subjects I teach during the academic year. These were so-called graduate courses at Wesleyan, but Wesleyan would be the first to admit that they were not intended to be what one usually thinks of as graduate courses. They were graduate courses only in the sense that each one of the students had some kind of a bachelor's degree. The courses met five days a week; I had an optional laboratory for the genetics course, and I was not prepared for the enthusiasm I found. Every single student in the course wanted the laboratory. We made fly food and raised Drosophila during the hot humid days of the summer, and made out well so long as we transported the flies to the cool basement.

I think one of the prime reasons for the success of the summer institute at Wesleyan (and this may be true of other summer institutes) was the limited enrollment. Each one of my courses had fifteen students, first come first served, and when the course was full, there were absolutely no more admissions. I think, although I do have the experience of some small classes at Connecticut, that this is one of the reasons my summer was so enjoyable. My students were from both private and public schools; a majority of them were young men, and I frankly admit it was refreshing to deal with a male point of view in the classroom. Among the relatively few females there was one Connecticut College alumna, Judy Peck Krupp '58.

The background of these students varied considerably, and that to some extent made it difficult, but the interest of the students made up for this difficulty. I will again frankly admit that it is a unique experience to have 100% participation from a class. We met in relatively small classrooms; I did conduct the courses as lecture courses, but there was local participation much of the time from everybody. If I became tired, it was because of the enthusiasm, not because I was trying to raise some. One little incident I remember particularly. I had hesitated suggesting a field trip to Peabody Museum in New Haven to see the excellent fossil collection because these were such hard-working people. The last week of the course, two of the students asked if I would consider using my time to go with them to Peabody Museum. We filled the university station wagon, borrowed an additional car, and off we went! This, in general, was the spirit of the whole summer session; you had only to suggest, and they asked for more.

This was really a remarkably well-run program. I want to mention the two men that I think were directly responsible for the program being as excellent as it was. Dr. Joe Peoples, professor of geology at Wesleyan, was head of the science institute, and Professor Daltry was director of the summer school (courses other than science institute courses were offered during the summer session). Both men have unusual ability for organization and high standards concerning course work and teaching.

It is disturbing, though, to reflect upon the circumstances in which many of these teachers, especially those from public schools, find themselves when they return to their teaching in the fall. Most of them are teaching entirely from textbooks and do not have adequate library facilities at their disposal. They are avid for current information but have little opportunity, if any, to keep up with recent developments. The fact that their textbook bears a 1960 copyright date may only mean that the information is within five years of being up to date; it takes an incredibly long time for data to creep into textbooks. This is a poor situation in any field, but it is especially bad in the field of science where concepts change so continually and rapidly. I was told by public school teachers that not a single periodical or book which might have been considered a nucleus for a faculty library had ever been purchased out of funds from their school budget. The dearth of available reading material, I suppose, has one positive effect; it means that these people come to summer school tremendously eager for knowledge.

I have been invited to return to teach the same courses next summer; it was a refreshing and rewarding experience last summer, and I am looking forward to meeting more teachers who will make good students.
IN MEMORIAM

Robert Fulton Logan, professor emeritus of art, died on December 9, 1959. At a recent faculty meeting the following resolution was read: "We of the Connecticut College faculty note with sorrow the death on Dec. 9, 1959 of our beloved colleague, Robert Fulton Logan. For twenty years a member of the Connecticut College faculty and eighteen years chairman of the Art Department, he gave unstintingly of his talent and his enthusiasm to the task of educating generations of students at our College up to the date of his retirement in 1954.

"As curator of the Lyman Allyn Museum from 1950-54, he contributed much toward the development of the program and collections of this neighboring institution.

"His warm and colorful personality made him one of the College's foremost ambassadors of good will within the greater New London Community and those of us who were privileged to know him and to enjoy the hospitality of his home will always cherish the memory of the hours spent in his company.

"His paintings and especially his etchings have enriched the heritage of our time and his contributions to the life of the College will live on in the minds and hearts of his students and associates. To his widow and daughter we send our deepest sympathy and affection."

News of Note

$10,000 Prize

Rosemond Tuve, professor of English, has been awarded a prize of $10,000 by the American Council of Learned Societies "in recognition of extraordinary scholarly achievement." She was among ten scholars in the humanities and social sciences so honored. In her citation she was described as "a student of the literature and thought of England in the Middle Ages, the Renaissance and the seventeenth century, who brings to her work the grace and ease of the accomplished literary critic together with the learning and accuracy of the scholar."

New Trustee

President Rosemary Park has announced the election of Chief Justice Raymond E. Baldwin of the Supreme Court of Errors of Connecticut as a member of the Board of Trustees. A former governor of Connecticut and U. S. Senator, Chief Justice Baldwin has long had an informal link with the College. His wife is Edith Lindholm Baldwin '20, and Mary Morse Baldwin '47 and Frances Steane Baldwin '55 are his daughters-in-law.
The
Trustees' Corner

MARY FOULKE MORRISSON
Secretary of the Board

THE December meeting of the Board of Trustees was full and interesting, and it was a great pleasure to have Miss Park with us again. We voted with unanimous enthusiasm to elect Chief Justice Raymond Baldwin a Trustee. (His wife is an alumna of the Class of 1920, as you know.)

Miss Eastburn reported on a wide variety of College happenings: a citation from Learned House for 34 years of Connecticut College student help in its activities; the very fine Handel Festival (200 years since his birth), with three beautiful concerts illustrating different phases of his work; the dedication of the Sykes Alumnae Center in a lovely ceremony with Dr. Sykes' son and family present; and in the evening, the first of the Sykes Memorial Lectures with Robert Frost completely capturing his audience.

The Crozier-Williams Center seems to be exactly what we had hoped: the natural center for many varied activities, such as a dinner for all our newcomers, with freshmen, foreign and transfer students, Deans, faculty advisors, and administration members; a gay Christmas party following the very beautiful Christmas Pageant, with faculty, students, faculty children and a few trustees all carolling and laughing together; the Sophomore Hop, voted one of the nicest ever, with room for everybody to be welcome.

The 50th Anniversary Fund gifts and pledges to that date are $1,692,725. Applications are up 10% over last year.

Miss Eastburn said that "from the part-time night clerk to the Dean, the firm hand with the light touch" of President Park has been sorely missed, but that she could see evidence of a firm resolve on the part of faculty and staff to prove to her that "she had brought us up properly to carry on in an emergency."

Mrs. Lee announced the establishment by the League of Women Voters of Connecticut of a lecture-ship in the name of Mary Foulke Morrison in the field of Public Affairs. This year's lecture will be on January 12 by Ferdinand and Delia Kuhn, foreign correspondents, just back from Asia. This title is "Around the Rim of Red China."

THE Trustees were very gratified to learn from the resolution of the Executive Board of the Alumnae Association that they did not feel that a possible increase of the student body to 1200 would be undesirable, if the College maintains its present quality and standards. The second resolution, favoring an increase in the number of Alumnae Trustees, was referred to the Development Committee. Such a change requires legislative action, not possible until 1961. The Development Committee has gotten off to a very good start and will meet fairly often and consider the whole problem of College-Trustee-Alumnae relations in this dynamic moment of our history. It covers, and goes far beyond, the work of the Trustee-Alumnae Relations Committee, which has been now abolished.

We all appreciate the good work done by Esther Batchelder and others, but there is now much more business than can be handled in half an hour before the Trustees' meetings. (Esther felt that way too and sent us some useful suggestions.)

Mr. Knapp reported that the Buildings and Grounds Committee had studied the plans for the new dormitories and felt that they needed closer analysis, and the Trustees agreed. He and Mr. Wilde both felt that the proposed building program must be considered from the educational, physical, and then financial standpoint. We must be sure of the architect's ability to create what we need at a cost we can tolerate. The burden is beyond the College's present staff, and we will have to search for a person with the background and experience needed to oversee the total project and to handle our relations with the Government. After discussion, it was voted to authorize the Chairman to appoint an ad hoc building committee to explore the proposed program as soon as possible, including employment of a consultant. The Board then voted to increase our application for Federal funds to $5,000,000 to make possible the full building program.
CLUB NEWS

Seven-Club Luncheon Held in New York City

Members of seven Connecticut College Clubs joined forces at the Biltmore Hotel on November 18 for cocktails and luncheon. Seen above at the head table are (left to right): Natalie Maas '40, Alumnae Trustee; Sarah Pithouse Becker '27, president of the Alumnae Association; Janet Paine '27, Alumnae Trustee; Warrine Eastburn, assistant to the president and dean of administration; Lucia Hollerith Leferts '47, chairman of the luncheon committee; Mrs. John G. Lee, chairman of the executive committee of the Board of Trustees and speaker of the day; Mary Foulke Morrisson, secretary of the Board of Trustees; and Jane Williams Howell '31, second vice president of the Alumnae Association. President Rosemary Park was not present because of illness. The following Connecticut College Clubs participated: Connecticut College Club of New York City, of Nassau-Suffolk Counties (N. Y.), of Westchester (N. Y.), of Western Fairfield (Conn.), of Bergen County (N. J.), of Central New Jersey, and Essex County (N. J.).

THE MOONWATCH (continued)

determined directions. Each beam with its eight telescopes commands an arc of the sky, from zenith to horizon, in a known direction. In this case two passages are recorded as the satellite swings across the sky.

The International Geophysical Year is over, but this valuable work is still going on. The new National Aeronautics and Space Administration reorganized the project and requested a number of stations, including ours, to continue their observations. One major change has been the addition of a photographic technique, which was useful in observing some shots made from Wallops Island, Virginia. In one of these experiments a rocket carried a collapsed aluminum balloon to a great height and then ejected it. The balloon automatically inflated into a 100-foot sphere and continued its trajectory to a height of several hundred miles; it then fell back toward the earth. This trajectory was photographed by a special camera which has a fast, wide-angle lens. If the shutter of the camera were permanently open, the picture would have shown a continuous trail. However, the shutter was closed momentarily at regular intervals by a mechanism activated by the Arlington time signals. Thus the picture showed the trajectory chopped into pieces of equal time duration. Cameras located at two other stations on Long Island took similar pictures. These stations and ours are linked by telephone so that the times of all pictures were coordinated. A comparison of such pictures yields detailed information on the effect of the upper atmosphere on the motion of the observed object. Plans call for putting one or more of these 100-foot spheres into orbit. When this happens we will use both the visual and photographic techniques of observation.

It is very satisfying to take part in this interesting work. It is particularly satisfying to me as a teacher to see students stimulated by their participation in a project which has made national and international contributions.
Class Notes

TO Marion Vibert Clark goes the croix de machine à écrire. The Class Notes having mysteriously disappeared en route to the printer, she rallied to the cause and retyped 60 long pages. The editor and forty-seven correspondents salute her.

The Connecticut College chapter of Phi Beta Kappa annually offers one or more awards of $100 to $200 for use in graduate study by a member of the graduating class or by an alumna. Information may be obtained from Miss Marian Winterbottom, Connecticut College. Application should be completed by May 1.
back in Hartford, pleasantly located in an old-time mansion converted into five apartments. I am The Girl in Lower ... and has 2 children, David and Kathy, the latter born in Honolulu, April, '58.

Charlotte Frisch Garlock is happy to

21

20

street. My sister lives within twelve blocks, 

There is even a back porch in pea-green. 

Boston. I like it!

Ou.side a huge yard is waiting where I 

inherited new paint jobs in all but the 

old-time mansion converted into five apart-
ments. I am The Girl in Lower ... and has 2 children, David and Kathy, the latter born in Honolulu, April, '58.

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21

20
have her son Bob Jr. and his wife home from the Army. Bob is working for Artists & Writers Press of Western Printing and his daughter-in-law is finishing college at NYU. Sue, a senior at Yale, made Phi Beta. Charlotte is enjoying her job as fund chairman on the executive board of CC Alumnae Assn.

Greetings at Christmas indicate all is well with Helen Ferguson, Ethel Smith, Brown, Phyllis Jayme, Virginia Lusackirchen, and Catherine Cahoon.

1926

CORRESPONDENT: Mrs. Clarence J. Goodwillie (Mildred Doman), South Newbury, N. H.

Helen Hood Diefendorf's youngest child, Virginia, Skidmore '59, was married Oct. 3 to James B. Preston of Portland, Me. They will be at Fort Hood, Texas until October 60. Helen will be in Naples, Florida during February and March.

Kay Bailey Mass and her husband flew to Bermuda for the Christmas holidays. From Air Marriendo Kimball, Jacksonville, Fla: "Lolo and I were on our way to Dade City for two months last summer visiting our old haunts and enjoying old friends. Ruthie McCallin Marshall spent a night with us in Wolfeboro, N. H. Our family will be together for Christmas, including Joyce who is 18 months old. Peg Durkee McCarthy has a debuting daughter this year, Debbie. Son Eddie is living at home and working in his Dad's law firm. Married daughter Sarah lives nearby. Jill and Sarah are good friends, and it's fun to see them so fond of each other when Peg and I have always been so close."

Annette Eben O'Neill drove through New England last fall, visiting Dot Ayres Scott in Sheffield, Mass., and Dedeek Lou Harey in New Hampshire. Dredce is spending this winter in Sarasota, Fla. Annette spent a weekend at Margie's farm and attended the North Britain Field Trial. Marjorie left for Paris and London and Bombay on Dec. 28. She plans to go as far as Japan and return via the ancient coastal highway, visiting places as guests of Colgate Palmolive, a trip through France for April in Paris and other far-away places as guests of Colgate Palmolive. And I can't remember what I wrote!"

1928

CORRESPONDENT: Mrs. W. Edward Frazer (Eleanor Wood), 734 Clarendon Road, Waltham, Pa.

Dot Bailey Morse's clever Christmas card seems to indicate that she and her husband are still enjoying the outdoor work involved in a country place. Karla Hewicz King is still living in Clearwater. They stayed there all summer because of a building project of a new room and bath took five months to do. Karla writes, "Now it is finished we feel that it was all worth while. We tried hard to obtain 'Oriental feeling' and I believe succeeded." Karla's daughter Jan and family flew up from Havana, Cuba, where Ben is with the embassy. Betty Gallup Ridley's daughter Helen is a freshman at Hood College. Her son, Allan, hopes to go to medical school next year. Gal attended Bunkmeier Day in October and was terribly impressed with the new Recreation building.

Ed and I had a nice family Christmas as both our son and daughter live near us. I'm having travel folders sent to my husband, hoping it will inspire him to take a vacation in April or May—any place on a boat."

The eldest boy of Lucy Norris Pierce '28 was married last spring. He lives in Creston but still works in the cattle business with his Dad and brother. Daughter Sue is working in an antique silver shop in Chicago, and Lucy is helping her furnish an apartment. Lucy's husband, Lewis, has just finished a year as president of the American Angus Association, traveling all over the United States, judging a lot of cattle shows.

Estelle Harmon Pardoe's son Fred was married last June to a girl from Pennington, N. J. They are living in Burlington, Vt. Daughter Sue lives in Lynchburg, Va., where her husband works and she has a job in a local bank.

1929

CORRESPONDENT: Mrs. Glenn H. Myers (Flora C. Hine), White Oak Road, Farmington, Conn.

"Sunday" Gove Steddy and her husband spent last summer in England, North Ireland, and Scotland where her daughter's husband is in the army. Peg Barron's Kohr has a second granddaughter, Nancy Annette, born to Mrs. E. F. Lewis '26 on June 5 in Ketchikan, Alaska. Peg and her husband had a wonderful trip to Juneau, Sitka, Anchorage, and Nome and came home by way of Jasper, Lake Louise, and Banff. Daughter Sue is living in San Francisco, working as a secretary and sharing an apartment with another Madison girl. She spent the Christmas holidays with her sister in Alaska.

Normah Kennedy Mandell and Ber Best Bailey each have a daughter in the sophomore class at CC. Ellis Newmiller Salmon has a newborn grandson born to her daughter Sondra. Ellis visited them in Minneapolis where her daughter's husband is in 2nd year medical school at the Univ. of Minnesota. Daughter Shirley has a 14-month-old daughter Jennifer.

Speckle Greer writes: "A jet plane whisked me out here to a new job as Director of Personnel of the Western Division of Diners' Club and it's most exciting. Love California and my Saturdays off."

Let's all go to reunion June 17-19, 1960.

1932

CORRESPONDENT: Mrs. Everett H. Travis (Betty Patterson), 2824 Eaton Road, Shaker Heights 22, Ohio.

MARRIED: Jerry Louden Parkinson to Rex Emrick on Aug. 10, '59 in Wilcox, Arizona. "We couldn't have found a more cooperative group of our separate careers that keep us 90 miles apart. In Arizona 90 miles is a mere hour and a half drive. The master of the family is Mr. Parkinson, the Willcox Chamber of Commerce. The distaff side is a technician with the Arizona State Employment Service in Bisbee. Our REAL home is in Willcox, a cattle-shipping and agricultural center. Our Bisbee home at Warren
borders one of the world's largest copper
open-pit mines. We're together for long
weekends and praying earnestly for the

... and family moved to a 9
room home in Wellesley. The Doctor,

...Eveham Hammersten visited with them while spending a
few days in New York last fall and reports
that they are well and happy.

Phil Bennett Willard and her husband
celebrated their 25th wedding anniversary
with a trip to Montreal and the St. Law-
rence Seaway last summer. Phil was busy
this fall chairmaning their church fair and
planning goodies with Mabel Barnes Kane.

Betty Kunkle Palmer and family have
moved back to New Jersey after hectic
months of trying to sell their house, put-
ting things in storage, and finding a new
place in New Jersey. Betty is starting as a

Betty has kindly con-
definitely in New Jersey.

Coombs returned the fun with a visit with
her family to get east for the June ceremonies at An-
napolis. -Then back here to watch the summer camp
we had with the kids. And a week visit with
my sister, Janet, in Nashville.

Mary Jane Barton Shurtle older daughter
Mary Elizabeth graduated from Elmira Col-
lege last June and is working in the lab
of the State TB Hospital. She is planning to
major in high school. Ruth Fordyce McKeown
and her family spent the summer between
home and the cottage at Penwaters, Mich.

Margaret Corrighsen in her third year
majoring in English; Clark, who graduated
from Culver Military Academy last June,
is a freshman at Shimer College, Mount
Carolis. Ken and the boys are in the 3rd,
5th, and 7th grades at St. Catherine School in Riverside. During their
school holiday they talked her into taking
them on a Cook's tour of Hartford.

Ruth Worthington Henderson reported that
Mary Savage Collins and her family are
finally settled in a lovely air-condi-
tioned house in Dayton. Bob, who had
been out there for months with Delco, was
very glad to have the family reunited. Ruth
looks forward to accompanying Jim to Col-
umbus (he has an occasional meeting there
in connection with the Ohio Ass'n of In-
dependent Schools) and a chance to visit
three ex '35's Virginia Tice Thomas, Mir-
iam Francisco Rice, and Peg Bristol Mc-
Kenry. She is doing her best to persuade
them to come back for reunion in June.

Bunny Bunce IV is a school and an enthu-
siastic hockey player. The
senior at South New Jersey high school
has kindly consented to take over as our class treasurer
in place of Mary Calwen Chappell.

Our sympathies are extended to Billy
Hardwood, the death of her father this
past week. We are all deeply saddened
by the loss of Mary Calwen Chappell, whose
death occurred, after a long illness, on
Dec. 31, 59. Since Mary was so active in
civic and hospital work in New London, it
is fitting that a donation from our class be
given in her name to the New London
Cancer Fund. And to her Larry, whom
many have missed almost as long as we
did Mary, . . . we say that we, too,
loved her and enjoyed her fun and will
sorely miss her.

1935

CO-CORRESPONDENTS: Letitia P. Williams,
5 Arnoldale Rd., West Hartford 7, Conn.
Mrs. James D. Cosgrove (Jane Cox), 222
North Beacon St., Hartford, Conn.

Harriette Webster Kyndberg is twice a
grandmother: her step-daughter has a
daughter 2 and a son 3 months old. Web-
nie is in training for the Chicago Wo-
men's District Golf Association and plays
lots of golf. In the winter she is also
active as chairman of the Junior Red Cross
for Lake County, with time out for a visit
to Tucson. Polly Spooner Hear paid her
first return visit to CC in September with
her daughter in tow. Young Emily is ap-
plying for admission in 1960. Johnny is a
soxopher at Wabash College and Bar-
bara is in junior high. Polly is still busy
as president of the Sycamore Girl Scout
Council, but with so much here now, she is
freer for church work, promoting junior
high Hallowe'en parties, etc. She was
delighted to meet our lovely President Park
on her tour to Indiana in the spring.

Nancy Walker Collins and her family are
back in this country after two years
abroad again. This time it was Munich,
Germany, where Bill had a Fulbright Re-
search grant. He is now teaching painting
at the Art Academy in Cincinnati; they
have bought a house and think that at last
they are settled for some years to come.
Nancy attended a CC alumni meeting in
the early fall and had a pleasant reunion
of their alumnae clubs.

1936

CORRESPONDENT: Mrs. Kenneth R. Langler
(Shirley Fayette), 48 Greenhurst Road,
West Hartford, 7, Conn.

After spending all her married life in a
16 room house in Newton, Shirley Durr
Hammersten and family moved to a 9
room home in Wellesley. The Doctor,
Shirley's husband, also moved his offices to
a brand new medical building, so there was general upheaval. Mary Schoen Manion, Frank, and the three girls also moved to a new larger home where they can spread out a bit more. Cathy, Mary's oldest, now in 10th grade, is at Oxford, a girl's preparatory school in West Hartford. This year I agreed to take Hospitality for girls at Bulkeley Alumnae Chapter. We've had the cooperation of many faithful alumnae, especially from '36. Frances (Dottie) Viiran Hughes took our final dinner meeting with Elvira Baird Raube, Loutie (Dickie) Bratton Peck, and Priscilla Spalding Scott lending their able assistance. Elnor was one of my gracious hostesses but her carriage is a General Insurance Co. to launch the Fund Drive in this area. Pete was co-chairman of general solicitations in this vicinity, so very busy for herself. Dute and Dick Hughes had a bang-up party to celebrate their 10th anniversary this fall. Elizabeth (Dix) Viiran Ferry and her husband Carl even went to surprise them all the way from Wellesley, Mass. Dickie and Johnny Peck took Mary-Lou 13 and Ritchie 9 on a trip to Florida this past summer. Their son Trevor, a 3rd grader, and children proved to be excellent travelers. Alice Cobb Larabee keeps busy with club, church, and school activities. She is chairman of a newly formed writers group in their Women's Club. Alice says they meet monthly and must come script in hand ready to read and receive constructive suggestions. Dana, their 8th grade son, has reached the stretching-out stage; taller and considerably heavier than Alice, he is an avid cartoonist with better than average talent. Alice is vice-president of her church's women's association this year. Cara Stewart Eaton writes that the merry-go-round of community and church activities still continues. Ann and Ladd keep them as busy as before. Bob is now administrative assistant to the Executive Vice-President at the American Optical Co.

Ken and I ventured as far as Ohio with our own special kind of summer, stopping them all the way from Splendor of Niagara Falls. In October Ken received his CPCU (Chartered Property and Casualty Underwriter) degree at a dinner and commencement in Boston. Since the board of directors felt that the wives had suffered and sacrificed much during the preparation for the five required exams, we were also invited to be present at the ceremonies. My challenge this year is being den mother to six average, healthy boys with unhampered vocal cords.

1937

CO-CORRESPONDENT: Mrs. William B. Dolan (M. C. Jenks), 735 Great Plain Ave., Needham 92, Mass.

Mrs. J. F. Heword Robinson Jr. (Esther Gabler), 8 Sunnyside Rd., Scituate 2, N. Y.

BORN: to William and Miriam Kenigberg Glass, a daughter, Diane, who is almost a year old in New London, Conn. The other three children are Allan 13, Marnie 10, and Paul 6, whose interests range in scope from astronomy and skiing to radio building and coin collecting. Miriam finds time to work on the PTA and LWV circuit. Her husband is a physician specializing in ophthalmology.

Last June Julie Brewer Wood made the trip east to Philadelphia to visit her family. In California she is on the Republican Club Board but says her main job is to care for her two children, George, a high school senior, and Eugene in 4th grade, and Tom in 2nd grade. Cairn Palmer von Bremen is Asst. Director of Cafeterias in Livingston, N. J. Jane Hutchinson Carfield was re-elected to the school board in the fast-growing community of West Richfield, Ohio, and is looking forward to another four years of interesting work. Jeanette Kobesky Jobus has moved to a new house in Wilmingtorn, Del. Her husband is an engineer with Dupont Co.

Helen Stanly Stanley has been having a busy time entertaining new ministers for their church in Vienna, Va. Her son David was a semi-finalist in the Merit Scholarships and has his eye on Princeton; her oldest daughter Margaret is a varsity letterman. She and her husband still enjoy folk and square dancing. During the summer months the whole family packs up and takes off on camping trips to many of the National Parks in Canada. Eleanor Johnson Lunde has a daughter Carol in the freshman class at CC. Jane Deitz, daughter of Mary Minza Deitz, loves her first year in Blackstone with Miss Rice, says she housewife. Marj's son Ted is a freshman at Worcester Academy.

Bea Enequius Stiefert's daughter is working very hard during her second year at CC. Bea is working hard on the Annu- sary Fund like so many others. Flo McConnell Knudsen's oldest daughter Judy loves her junior year at CC. Her family is all away at various schools now, Pete at Mich., College of Mining and Tech, Lisa a freshman at Hathaway-Brown in Cleveland, Kristina in 8th grade at Kingswood School, Cranbrook. Flo said it was wonderfull to have all of them home for Christmas. At other times she travels all over the U. S. with her husband who is general manager of Pontiac Motors.

Poofie Earle Brittan is still head of the parking lot department at Dwight School in Englewood. Her oldest daughter Paula 17 will be college bound in the fall but has not decided where as yet. Her other girls are Barbara 16 and Vivian 14. In her spare time Poofie enjoys gardening, skating, and limited trips to New Hampshire in the summer. Nance Duringenichensky bound for Boston University considers himself an authority on plans, fuels and their performances. Liz, her 17-year-old daughter, is well on her way to becoming an aviatrix; she has already soloed. Vlad, her husband, is all wrapped up in Rocket Society work, so Nance says she is the only member of the family with both feet on the ground.

For sidelime Greta Anderson Schubel and her family do a little musical relaxing with a piano, two recorders, a bass fiddle, and one clarinet, and says that when they get together they all enjoy it. Greta is not teaching music, but she still enjoys working with the 1st and 2nd grades that are sent to camp for a week during the school year. Her husband does research for RCA. Audrey Kristine Maros has a son
in his senior year and undecided about college. Louise Chappell is looking for-ward to our next reunion and another group, etc. Life is very full. We have many visiting dignitaries, and there are times when I feel like Hedda 25.

1939

CORRESPONDENT: Mrs. H. Peale Halld Jr. (Barbara Myers), 36 Aldridge Road, Chappaqua, N. Y.

Ruth Broadhead Heintz says the Heintz household really vibrates with five boys ages 17, 13, 11, 7½, and 3½. Ted the eldest, a Merit Scholarship semi-finalist, is headed for Cornell next fall. Ruth and Harry Broadhead Berger had a nice visit. Betty Lepper's son Gee at 13 is a head taller than she; husband George is manager of Agricultural Sales at Sohio Chemical Co.; she spends her days at the Yugoslavia Projects and her evenings tags along on beauty trips in all directions. For Jean Ellis Blamien life sounds most exciting: "Returned a month ago from six weeks in Europe. Just Joe and I. Ordered a new house last September. Her activities have slowed somewhat so that she can enjoy family life within the home. Frankie Blatch is happy in her new job and has joined the AAWW.

Jane Gott Cortes is still in Dallas but goes East every chance she gets, spending summers on Cape Cod, where her family now live. Stella Taylor Watson and Sue McLeod Adviance and families join the Corteses at the Cape. Hank is now 13 and Sally 8. Jane is busy with civic and charity drives, the Brownies, PTDA, Garden Club, Republic Student Club, Study Class, and tennis. The Corteses have a boat used for weekends and all enjoy water skiing. The latest discovery is the fun of sailing. I quote Nargy Ahell: 'This last year's vacation report reads like a year's leave of absence beginning with Carolyn Kenyon's and my trip to Italy; Sicily, Paris, and London from mid-October to mid-November of '58; followed by Ruth Hare Buchanan's and my week of rest, relaxation, and reducing at Arden's Maine Chance in Phoenix in October with another month abroad last summer, starting on a Yugoslav boat down the Dalmatian coast from Venice to Athens. A leisurely week in the Aegean Isles, a brief sojourn in Istanbul was successfully wedged in between Greece and Italy with a few days in Paris and London.'

1943

CORRESPONDENT: Mrs. William Yeager (Betsy Hodgson) '43, Box 298, Rte. 1, Pineville, La.

BORN: to Dan and Connie Haaren Wells a daughter, Kimberly, in Bataan where the Willses are stationed. Martha Boyle Morrison's work as chairman of the CC Alumnae Drive in Hartford has occupied much of her time this fall. Marge Fee Manning and gay Guberman Saldenry have also been busy with the Drive. Joe, Gay's husband, was elected to the Hartford city council again and their children—Lewis playing Midget League Football, Betty Lee as cheerleader, and 3-year-old Debbie as rooter—have put Gay and Joe in the bleachers this fall. Marge is doing part-time detective work for lawyers in Hartford. Marion Butterfield Humm is a new member of the Board of Education of Avon. Her oldest boy Joel is in the first grade. Marion and Ben had a wonderful trip to England and Scotland last summer and ran into Bob and Mary Morse Hurst in the Tower of London.

Betty Groessler Hand's husband Jim is sales manager for the National Bank of Westchester. Her two boys, Johnny and Jimmy, are in scouts and Little League. Gus plays golf in summer and skis in winter. Jim and Jane Kessler Morgan take a few days off every winter to go fishing off the Florida Keys. Last year Jane re-decorated her home and enjoyed doing it so much she is thinking of making a career of interior decorating after her boys. Jeff 3 and Chip 7, are a little older. She's had a job offer! Our established interior decorator Jacques A. Slawin Deaneley are enjoying their new little boy. Mary Lou has a new Junior League project, a junior museum for the Academy of Natural Sciences. She will report on what problems has been solved by a quick freeze, quick dry process which is being used on salamanders, frogs, toads, snakes, birds, etc. This is fascinating work and a challenge." Dan and Ruth Remien Roberts are in Gainesville, Fla., where Dan is teaching plant pathology at the Univ of Florida. They had a brief visit this fall with Charlie and Mardi Claudia Barnes. Mardi writes that Charlie has opened a new drug store in a shopping center in Valdosta. Alice Brewer Cunningham, her husband being recently elected to the Syracuse Board of Education. The Cunningham have four boys.

Bunny Livingston Campbell is living in Dallas now and she and Barbara Houghton Ferrin and Betty Shank Post have seen each other this fall. This news is from Dot Lenz Andrus, who missed the gathering but wrote me about it and about seeing Thelma Gratson Weiland, who has moved to Wilton, Conn.

The class extends its sympathy to Ruth Remien Roberts whose father died this fall.

1944

CORRESPONDENT: Mrs. J. Stanley Cobb, Jr. (Elizabeth DeMerritt), 721 Indian Trail, Martinsville, Va.

MARRIED: Margaret Roe to John L. Fischer, 1959. They live in Minneapolis.

ADOPTED: by Ruth and Jane Bellack Wray, a daughter, Mary Louise, on Aug ust 22, 1959.

From Jean Brown Bagby: "My husband is head of the operational advisory detachment which is under the Joint Military Mission to Turkey. We live in a junior quota in Golem, Turkey, which is the main base of the Turkish navy. After three years of life in Carmel, California, where my husband was on the staff of the U.S.N. Post Graduate School and where I went to college after a 12-year leave to raise two children, this is quite different. I now teach two classes of English to Turks, manage for the Nationalists, Billy dancing lessons, art group, Turkish-American bridge group, etc. Life is very full. We have many visiting dignitaries, and there are times when I feel like Hedda.
Barbara Fry Stark beat the Christmas mail rush with a few personal notes. Her Bud is now 11, Susie 8, and Barbara 2½. She is kept busy with the usual PTA, chauffeuring, etc., and reports all well and happy. Mary Ellen (Laura) Biggin had a wonderful visit with Marilyn Goughlin (Skip) Rudolph and husband Dick when they came to the Princeton-Dartmouth football game. The Rudolphs come each year, so Tawi and Jim try to meet at least for an "old times" drink. Tawi reports three little ones and endless home improvement projects to keep everyone occupied. Sally Nichols Tibbetts says Dave was a confirmed bachelor, but after a year of knowing Nicky decided marriage was here to stay. Dave enjoys the sportsman's life of hunting, fishing, and skiing plus the fun of being with Nick and the three girls, a hareem to keep up with that of Glo Frost Hecker. Barbara Caplan Sowers (Cap) follows the young matron (PTA, LWH, chauffeuring, study groups, adult courses. One bright summer spot for Leon and Capi was their trip in a boat with two others. They found their own private sand dunes and dug in for a relaxed stay.

Phebe Clark Miller claims no news of interest, but we now know the two children are 11 and 7, that she's been busy this past fall as chairman of administration for the United Fund in Milton, Mass., plus being representative at her children's school. Her husband Alan is very active in town affairs, and they are both interested in projects around the house. Barbara Miller Gustafson with commander husband Bob is on the move again—this time a friendly Mele Kalikimaka (Merry Christmas) and a Hauola Makahiki Hou (Happy New Year) along with an Aloha from Hawaii, our 50th state. Bob had a wonderful trip cross country visiting many on the way and then a glorious voyage on the Lurline. Life is so easy here, she writes to envious snowbirds, that it still seems like a vacation. The Rists were with commander husband Bob is on the move again—this time a friendly Mele Kalikimaka (Merry Christmas) and a Hauola Makahiki Hou (Happy New Year) along with an Aloha from Hawaii, our 50th state. Bob had a wonderful trip cross country visiting many on the way and then a glorious voyage on the Lurline. Life is so easy here, she writes to envious snowbirds, that it still seems like a vacation. The Rists were
1950

CORRESPONDENT: Mrs. David Crowell (Alice Hess), 694 General Knox Rd., Wayne, Penn.

BORN: to Frederick and Sally Condon Miller a daughter, Meredith Katherine, on July 9, 1959 in Geneva, Switzerland; to Gene and Tucker Hunt Mezger ex ’50 a son, Hunt, in September; to David and Alice Heiss Crowell a daughter, Barbara Barton, on Oct. 8; to Herb and Jackie Hamlin Malty a third child, second son. Matthew Hamlin, on Oct. 16; to Max and Nancy Sternau Schwartz a second child, first son, Paul.

Fred and Sally Condon Miller are back in London with their new daughter Meredith, Megan 4, and Jeffrey 2. They just missed seeing Stewart and Francisella Harris Dalrymple, who moved to Geneva, Switzerland in December with their daughters Heather 4 and Lisa 1½. Stewart is the sales manager of the newly formed Armstrong International, S. A., and will be permanently located in Switzerland. Francisella says the whole family will join the ski ranks to ski in the mountains. Jean Pinet Flath sees Elaine Tiele Lowewgard, who teaches at the Girls Chapter of the Loomis School in Windsor, Conn. Dorothy Pavos Kaufman reports for Mack and move for work to Chicopee Mills in N. Y. Warren and Kit Keni Wagget have been Coast Guard transferred to Washington and are living in Kensington, Md. Joe and Beth Steune Cost came from Toledo for the Army-Navy game, as did Randy and Joie Frank Zelow from Newport News. Newell and Betty Maunder Garden ex ’50 are in West Newton, Mass., where Newell is in charge of commercial divisions and publicity for Raytheon.

Cliff and Marilyn Packard Ham are settled in their own home in Washington, D. C. after "eight years of borrowed row-houses and apartments." Cliff is teaching church planning and strategy at the Wesley Theological Seminary and working full-time in the Baltimore Community Renewal and Housing Agency. Doug is a first grader at Takoma School. Gordon and Greg help" Marilyn at home.

Mac Clark Shede helped christen Gaby Nowotny Morris' house in Berkeley, Calif. by lunching there with Annsz Boox ex ’50, Kathy Back Larkin ex ’50, and Sue Little Adamson. Mac and Ross are busy working on their waterfront house—putting up a sea wall. Young Kitty isn't much help yet, but keeps Mack company evenings when Ross is in law school and for teaching taxon.

Lunched with Jane Lindley in NYC. She is enjoying her Wall St. securities job with the Fiduciary Trust Co., and active in the Junior League and Ann Woodard Thompson brought their three children to a Bowdoin New Year's Eve party in Gladwyne, Pa. David and I were among those present and had a really fun weekend—moving with the group (12 adults and 14 children) from one house to another. Ann and I both are planning to be in New London, Connecticut at Tenth and hope to see many many others. Get busy and make your plans now!

To Nancy Coutts Schlegel, whose father died Nov. 6, the class extends its sincere sympathy.

1951

CORRESPONDENT: Mrs. Norman W. Cameron, Jr. (Roldah Northup), 48 Deerfield Road, Murray Hill, N. Y.


BORN: to Ted and Sally Buck Thompson a third child, second son, Stuart Lindsey, Margaret Banks, on Sept. 24; to Justy and Mary Cardle Love a third child, second daughter, Cynthia, on Sept. 26; to David and Jeannette Tucker Zanker a third child, second daughter, Anne Constance, on Oct. 21; to Bill and Martha Hash Raymond a second daughter, Caroline Williams, on Dec. 13. Bill and Janet Leggate live in West Hartford, where Bill is a lumber broker.

After her years in Germany and Washington working for the government, Jan taught high school art for a year but gave that up in horror at the number of education courses required for certification. Her next job was with IBM, but now she is home working full time as a housewife. Occasionally, Jan sees Connie Kelly, Helen, Lois Allen Saffier, and Pam Farnsworth French, who also live in the Hartford area. Jane Petrone is working on her third book for Dodd-Mead, to be entitled Great Mathematicians. Jane's husband is with a New York advertising agency.

Newly located classmates include Joanne D'Amonte Onthor, Don, and little Karen, who are thrilled with their new home in Vienna, Va. near Washington. Ann Daniels Hacker moved to East Hampton, Conn. in September where her husband, Byron, has a job in the insurance business. Byron has two children, Debbie and Dave. After four very pleasant years at the Coast Guard Academy, Larry and Barbara Ridgway '51 have been transferred to Brownsville, Texas. There Larry commands a small ship and Bab is trying to learn Spanish to converse with the local inhabitants. "Donny is in the first grade and Timmy is 3½." Phyl Hoffman Drissell's new adddress is Sea Girt, New Jersey. Phyl told me at the Tri-state CC luncheon in New York that she and Frank had enjoyed the resort so much in the summer time that they decided to try living there all year long.

Shortly after I saw her last spring, Lois Section, Streadley and family moved to Indianapolis, where they will be until the end of 1960 while Tred supervises the construction of a 20 million dollar state office building. At a recent local CC alumnus club, Sugar found a fellow classmate in Pat Miller Lakeney ex '51. M. M. Sackling Shor's Christmas card was postmarked Watertown, Mass., and I am happy that her family are living there while Bill does two years of graduate work at Harvard. M. M. describes the atmosphere as "fascinating, stimulating." I've had two visits.
with Susie Bergs/rom Campbell now that she lives in nearby Westfield. The Campbells left Illinois when Dick started a new paint business in N.Y.C., and generally do most of their furnishing in New York, and I enjoyed meeting Dick and the Campbell boys, Ricky 4 and Bruce 1½. The latter is a husky fellow who is really an armful for tiny Susie.

Peggy Park is editing college textbooks at Henry Holt in N.Y.C. Peggy reports a month’s vacation in Mexico last year speaking “Greenwich Village Spanish.” Marvin and Sue Brownstein Groya are looking forward to a trip south of the border in February. Leda Trekkwof Eis and Don are about to build their own house down by the ocean in New London. Alice Kember Greve is busy with her children but enjoys the challenge of her new job as President of her Congregation’s Sisterhood.

Mary Carol Lowe says she saw Six Parnell McClelland in Minneapolis last summer and “she is still managing to look wonderful even with five children.” The newest on Martha Marie Abbott’s long list of activities is that of reporting for the local weekly newspaper in Hopkinton, N. H. “It’s a lot of fun and learning a great deal as well as meeting many interesting people.” On the Abbott’s Christmas card was a drawing done by Mouse of their charming 1½-year-old house. In Ft. Wayne Indiana Peggy Frank Huber is occupied this winter, with a fair amount of civic and club work as well as with Kathy 5 and George 2½.

Jane Lest Bialdau writes: “Life is just grand out here in lovely Malibu and we are all thriving—Mary 6½ in first grade, Margy 3 in kindergarten, and Teddy 3 at home. We have been enjoying our sailboat so much; we cruise to Catalina on summer weekends and day sail and race the rest of the year.”

From Beverly, Conn., Lou Hill Carlu asked me to urge you all to come back for our reunion next June. Many of us in New Jersey have already buttonholed our husbands and mothers as baby sitters for that weekend. Barbara Wiegand Pilloote in Washington and Mary Harris Raymond in Cleveland wrote on their Christmas cards the same thing elsewhere. The time is short so start making plans now to be among those present at our “big do.”

1953

CORRESPONDENT: Teresa Ann Ruffolo, 63 Clifford St., Hamden, Conn.

MARRIED: Helen Pleasance to James Hinklepatrick on Apr. 25 in Lake-wood, Ohio; Anne Louise Dorsey marriage to John Paul Lath on Aug. 8 in Poland Springs, Me. (Terry Rexford of home). The Locs are living in Porter’s Landing, Me., which is convenient for John, who is the art director for the newspaper in nearby Freeport.

BORN: to Austin and Peggy Lewis Moore a second daughter, Elizabeth Ann, on May 17; to Bruce and Jane Graham Barker a third daughter, fourth child, Susan Lee, on Apr. 19; to Richard and Jane Becker a second daughter, Ann Merrill, on Apr. 14; to Alexius and Eugenia Ecker Olson a second daughter, Wendy Eugenia, on Jul. 16; to Harry and Jeanne Garrett Miller a second child, first daughter, Susan Rodefield, on Jul. 16; to John and Jane Muddle Funkberson a son, Edward Kramer, on June 11; to Jerry Roth and Jane Pfluger an only child, a boy, Janet Garber Wexler on Aug. 18; to Francis and Alice Bronson, Horgan a first child, John, on Dec. 18 (Frank and June’s). The Frank’s are living in Boston where Frank is an actuary for an insurance firm; to Ren and Mary Field Parker ex ’53 a third child, second daughter, Elizabeth Susan, on Mar. 5; to Bud and Frances Tor Young a first child, Ann Sabina, on Jan. 13.

Joan Finngelman Wexler and Jerry took a Caribbean vacation in January ’58. Part of the trip was spent at Montego Bay with Jerry’s parents who have rented a home there. Jerry has left the textile business and is now with a small investment firm on Wall St., B. A. Schneider Oettinger and family are Flugy’s neighbors. B. A. and her two sons and Atrey Marcus Kaufman and her two children visit Flugy often. Anne lives in NYC. Flugy also saw Susan Weinberg Mindlin and her two sons when Sue was in New York last June. Sue has stopped working in Dick’s stores to assume household responsibilities.

Sally Wing is the psychologist for the Fairborn, Ohio schools. Previous to this she served an apprenticeship in teaching and testing in Middletown. Nancy Comp inst. attended Archibald MacLeish’s performance at the Potomac School in McLean, Va. She lives in Georgetown. Terry Raffo is teaching a 3rd grade in Hamden. Nina Davis Jackson’s husband has shifted from the Belmont Hill School in Belmont, Mass., where he taught history, to an administrative position at Exeter, his alma mater.

One of the highlights of last summer was Allie O’Brien Biv’s visit in Hamden. Allie spent a day with me while Walter, her lawyer spouse, went off to attend to business matters. Back home in Cleveland Heights, Ohio, where Frank and Allie are living, his baby sister Alotie, and their great, hulking, bouncing Shepherd pup Schroeder, who weighed in at 70 lbs., at the ripe old age of nine months. Things with Allie are as “divine” as ever.

Mimi Logan MacDonald (Mrs. Angus R.) ex ’53 is now living in Great Barrington, Mass., were her husband has been appointed General Manager and President of Jug End Barn, Berkshire County’s year-round sports center. Angus is a 1947 graduate of the U. S. Merchant Marine Academy. They have two children, Nancy and Richard Angus. Other residents of Massachusetts include Robert and Joan Rudder Latin, who are living in Needham with their baby daughter.

Doris Jackson’s anxious to establish some sort of world’s record for the most widely traveled 1953 college graduate. She has been around the world, to Mexico, the Caribbean, and Europe several times. This Christmas she sent greetings from Peru. Don and Emily Fonda Sung are living in Springfield, Pa. Their daughter Karen will be a year old in July. Ruth Monk ex ’53 attended Archibald MacLeish’s performance this past summer. Ruth is working for a textile company in N.Y.C. She lives in Hastings on Hudson, N. Y., and her older sister B. A. Ray live in Forest Hills, N. Y. Ray played the role of God the Archibald MacLeish play, B. H. He traveled with the University players when they were chosen to represent the U.S. at the Brussels World’s Fair. Ray produces TV shows in NYC while Marion takes care of one-year-old Luke. Mary Lee Cant-well Leicher is leading a life of leisure in...
Greenwich Village. Bob is an editor for the Holt Publishing Co.

1954

CO-CORRESPONDENTS: Mrs. Raymond E. Engle (Claire Wallach), Pennicott Road, Quaker Hill, Conn.

Mrs. William S. Burlem (Betty Sager), 181 E. Sierra Madre Blvd., Sierra Madre, Calif.

BOB: to Lawrence and Claire Garber Goodman a son on Dec. 26 in NYC; to Jack and Cynthia Fanning Reubin a girl, Lisabeth Alson, on Sept. 15; to Bob and Nawal Garin Giesecke a third child, second son, David Vincent, on Nov. 16; to Art and Nora Kearns Grimm a first child, Mary Elizabeth, on July 31 (Nora and Art are in Carmichael, Calif., where Art is a civil engineer); to Kent and Anna Cross Frost a boy, Robert Witherspoon, on Dec. 9, '58; to Sam and Nan Appell Thorde a second child, first girl, on May 15, '57; to Shap and Sally Ashbrook Shepardson a first child, second son, Charles Edward, in Dec., '59.

As this column was being written, Barbara Hubbert Newman, who lost her father in December, Barbie is teaching at Waterford High School near New London. Their son Casey was born in Germany while Jack was attending Harvard Business School near New York. They will do our class work from their home in Dovel, Mass; that Jane Knisel Walker and Bob have moved back to Abilene, Tex. and that they now are in the country now, near Newburgh, a big thrill "after 1/2 years in Buffalo, the city of endless winters and constant gale-force winds." There will be two more children this year and a half they've been in it.

More news has filtered in from the gals who went to Ann Hays, a writer's wedding in Cuba last June (also known as Reunion B). Evans Flickinger went down with Barbara Garlick Carlson and they made it a real Cuban vacation. They hollowed at a hotel where, according to Evans, they got lots of sun and fun, despite the efforts of Mr. Castro to disrupt the country. Grace Metz Dixon is still with a Norfolk based squadron. Wendy Beach, Va. Pete, now a lieutenant USN when her little Hannah was two years old. Ellen got her degree from Oberlin in '55, her husband Dave, and their two sons, Shane 3 and Mark 1, live in Riverside, Calif., where Dave is teaching philosophy at the University. Carol Roberts Brown ex '55 teaches 2nd grade; has two children, Christopher 6 and Elizabeth 3; and has begun taking courses toward her M.A. at Adelphi College. Lyn Dickerson, who lost her father in July '55 was married to Robert Blanchard in 1956 and has a son Robert Jr. 2. The Blanches have been transferred to a new ship while Bob is attending Harvard Business School. Ann ("Ace") Appleton Cline is living in South Pasadena where her husband is associate minister at the Congregational Church. The Cohens have three children, Anne 5, Todd 3, and Jane 1 1/2. Ace says their parsonage is huge and the doors are always open to wanderers '55ers. Alita Allen Brand and Twag continue to lead a busy life in Short Hills. They have two little girls, Lisa 3 and Cynthia 2, who keep them on the run. Lee has devoted time to the CC Club in her area as well as to community church activities.

From Colorado comes news that Cynthia May Gregory and her husband Dick moved into their new house last August and spent the summer trying to keep ahead of the weeds and garden pests which plague all hopeful gardeners and landowners. We express our sympathy to Rip, who has been put in a back brace for six months. Another Colorado classmate, Carolyne Diefendorf Smith, and her husband Pres are becoming more entrenched with Denver every day. The Smiths are looking forward to a lot of skiing this winter with their two boys, H. Preston Jr. and Mark Diefendorf. "Diet" has become a member of the Denver Junior League and is enjoying her current social work projects with that organization.

Bob and Sylvia Lewis Goldberg '55 have three children and are living in Columbus, Ohio, where Sylvia has been active in slogging a CC Alumnae Club, which Betty Sager will do our class work from their home in Dovel, Mass; that Jane Knisel Walker and Bob have moved back to Abilene, Tex. and that they now are in the country now, near Newburgh, a big thrill "after 1/2 years in Buffalo, the city of endless winters and constant gale-force winds." There will be two more children this year and a half they've been in it.

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her husband Ronnie and their two children, Dougie 2 and Lisa 1, have just returned to Cleveland after four years of wandering throughout New York, Philadelphia, and Fort Bragg while Ronnie was in commissioning oral surgery and putting in his practice. The Beales have purchased a house in Shaker Heights and Ronnie is about to hang out his dental shingle.

Catriona Tauck Peters ex ’54 writes from Florida, where she, her husband Don, who is in the landscaping business, and Patricia Diane 3 live on the beautiful island of Key Biscayne in Miami. She finds any spare time when you have two little boys, an enormous German Shepherd, and a house to take care of, writes Mar- garet Colin Kramer. She, Marty, and their sons, Tommy and Johnny, live on Long Island and when she has some precious free time, Margot spends it working for the LWV. The Johansons, Joan Plaskett, Bob, and their three little boys, Bobby 5, Michael 2, and Jeff 1 have left dear old New London for the south. As of January, they moved to Pensacola, where Bob has started flight training. Beverly Task Laski, her husband Clyde, and their three daugh-
ters, Joan 3, Gail 2, and Lois 1 have moved from Alaska to Long Beach, Calif. From another Californian, Barbara Schulth Thompson, comes the word that she is working as a secretary for an electronics firm while her husband David is with the International Division of Amper Corpora-
tion. The Thomsons love their western exposure.

Finally a personal note. Chad, and I will need to go to New York for the day on our first child, Christopher Lan-
sing, arrived.

1955

CORRESPONDENT: Barbara Hestage, 60 Briarcliff Rd., Hamden 18, Conn.

MARRIED: Daphne Rose to V. Kenneth Sandin on Aug. 15 in Bristol, Conn.; Bar-
bara Johnson to LeRoyGreenwood on July 24 (Leroy is a patent attorney at the RCA research center in Princeton. Barbara is fulfilling a childhood ambition by doing some volunteer work in Princeton’s Hos-
pital Aid Shop—as a soda jerk; Debby Gatsman to Stefan Fehervary in November in Vienna. (Debby met Stefan while she was teaching children of international par-
entage in Vienna. He is the manager of the Hungarian Guardian newspaper.)

BORN: to Kenneth and Jillie Wineman Jacobs a daughter, Margaret Louise, on Oct. 4 (Kenneth is at Vanderbilt in his third years of surgical residency and they have built a house. In addition to these new responsibilities, Ellie works part time at the hospital!); to Harv and Irma Lavin Alexander a daughter, Sharen on August; (They moved in November from Maryland to Long Island, since Harv is now working as the research reactor at Brookhaven Na-
tional Laboratory); to Bill and Margaret Harper Zeck a son, William Cornelius II, on Dec. 4; to Jack and Pat Legge Foran a third child, second son, Brian Kevin, on Nov. 21 they have bought a new house in East Hartford and are happily settling into civilian life. Jack is doing computer programming at Travelers); to Bo and Laura Elliman Nautt a second daughter, Susan, on Mar. 20, ’59 (They moved into their new house in March too. A split level colonial which they planned themselves, the house has plenty of room for the kids and Bo and Laura also bring Tommy and Nan Teese Arrort a daughter, Susan Curtice, on June 20.

Gayle Greenlaw’s Pete got out of the Navy in March and they left Brookline and moved into a lovely 4 bed-
room house in West Goschen, Conn. Pete started as a sales trainee with the Torrington Company and after only a few months on the job they were transferred to Mem-
phis. Joan Gaddy Abrens and Herb are living in Wilmington, Del., where they have been since Herb got out of the ser-
vice. He works now as a chemical engineer for the Hercules Powder Co. Joan gets to see some other ’56ers occasionally and met Anne Maboney Makin, Sally Estis Gerkin, and Gale Alphonse for lunch in Dinty Moore’s in Boston last fall. Gale left Houghton Mifflin Co. in July ’59 and took a summer course in elementary educa-
tion at Stanford University in Pullman, Wash. She is now teaching 2nd grade in Burling-
ton, Mass. and loves it.

Tom, Wende, and Elaine Nelson Stone have moved to Princeton for the school year in New Jersey since November. Tom is work-
ing as an electronic data processing sales-
man with RCA in Camden. Eleanor Erick-
son Ford is teaching 2nd grade in Wayne, Penna, and likes that area. Other ’56ers who see from time to time are Prudy Murphry Parris, Elaine Nelson Stone, and Nan Teese Arrort. Ellie Widrow is hav-
ing a wonderful time in NYC and is teaching general science at Pocantico Hills School near Tarrytown. Sheila Schechtman Weinberg keeps busy with her daughter Debra and also working as an active mem-
ber of women’s American ORT, an organi-
zation which maintains training schools throughout Europe to teach various trades to Jewish refugee children. Jack is in his last semester of medical school at the University of Hartford. Brad and Nancy Stewart Roberts bought a new house in Groton last April and moved in after Nancy’s spring vacation. She is at Water-
ford High for her fourth year, teaching Spanish I, II, III, and IV. Brad is still at the Electric Boat. As for me, I had a wonderful summer touring Europe for 3½ months with a friend. We drove over 6000 miles in our little Volkswagen and visited England, Scotland, Sweden, Den-
mark, Germany, Holland, Switzerland, and France. We contacted some distant rela-
tives and even were able to spend a few nights in a real castle in Switzerland (com-
plete with ghost). After getting back to earth, I started working in October at Yale Medical School in the Pharmacology Dept. I am the administrative assistant (really a glorified secretary) to the chair-
man of the department and thoroughly enjoy my work. John and Diana Dow Farrell also visited Europe this past sum-
mer. They spent a month in England and covered 2000 miles, as far north as Edin-
burgh and as far south as Rye, Then they went on to Holland and Paris.

Ex ’56: Madsen Williams Grisham and her husband Bill are kept busy with their two girls. Bill has a job with the University Center and is in charge of a project bringing visiting scholars and lecturers to Virginia colleges. She is doing some weaving and a few wood-cuts, too.

1957

CO-CORRESPONDENTS: Dorothy Dederick, 1093 North Farms Rd., Wallingford, Conn. Mrs. Robert A. Johnson, (Judy Crouch), P. O. Box 96, Mattapoisett, Mass.

MARRIED: Ann Henry to Harte C. Crow on August 29 (Harte is in his last year at the Univ. of Penn. Medical School and Ann is teaching at Episcopal Academy); Joan Baumgarten to Frank Farman on Aug. 8 (They are living in Fleetwood, N. Y. and both are working on their master’s in psychology); F. E. Bank is an electronic engineer with RCA.)

BORN: to Paul and Karen Klein Nunn an son, Andrew, on Nov. 2; to Joel and Barbara Wasserstrom Alpert a son, Norm-
an, on December 10; Joe and Joel have returned from London, England where Joel had a year’s medical fellow-
ship. As Joel is in the Army, they are now stationed at Ft. Leavenworth, Kansas; to Harris and Barbara Delaney Flanders, a son, James Henry, in New Haven, Conn.

Alan and Doris Forese Marshall returned to civilian life in September from Frank-
furt, Germany and are now living in Bir-
mingham, Mich., where Alan is in the printing business. Roberta Brandt Wolsky and her husband Alan have been busy building and planning the interior decor-
ation of their dream home. Alan is well qualified for this, as he is head of his own advertising studio, Associated Design. Dur-
ing her free time Roberta has been having fun on a modelling assignment for Dell Publications. Ray (Tito) and Bunny Car-
tti Milan have spent much of their free time travelling. During the summer they were at the Carribean, then on to the mountain climbing in Vermont. Now they are enjoying the downhill ride, skiing whenever possible.

Carrie Diana Lankham has been working on a post-doctoral fellowship program for foreign scientists and had an opportunity to meet many of those who received grants under this program. Now she is working as a secretary in the laboratory where Dick is studying for his Ph.D. in English. She saw Lucy Hobbsell Lawson, who is teaching in Hamden, Conn., while Larry is at Yale Law School. On Jan. 5, ’59 Judy Coghlin had a get-together at her home in Worcester which brought Larry and Lucy Lawson from New Haven, Chuck and Diane with their baby, from Mys-
tic, and Bob and Judy Crouch Johnson from Mattapoisett, Mass. Everyone enjoyed the day, including Kathy Mann, Diana and Chuck’s daughter, who is quite the young lady of 17 months. Nancy Craddock didn’t get back from the “north country” in time to join the gathering. She had spent the weekend skiing in New Hampshire.

A quick Christmas visit both Dan and Nancy Stiles Degan showed that they are
well settled into their new home in Groton but will be happier when the developers get their hill road paved and the mud ruts are a thing of the past. Across the Pacific in Hawaii, Sabra Grant Kenen has seen quite a bit of Cde White Smith since she and David arrived there.

1958

Co-correspondents: Mrs. Richard Parke (Carol Reeves), 504 West 110th St., Apt. 9C, New York 25, N.Y.

Jane Houseman, 16 East 54th St., New York 22, N.Y.

MARRIED: Alice Wood to William Wieland on June 16 in Philadelphia. Alice is now teaching Latin at the Baldwin School in Philadelphia and Bill is finishing his fourth year at Medical School.

BORN: to John and Jean Lawson Carlson a daughter, Ann Hunter, on Christmas morning; to Neil and Mildred Schmidtman Kendall a son, Stephen Forrest, on Sept. 2.

Barbara Jenkins Harris, Bob, and their son Bobbie left Honolulu in the middle of January. Barbara is staying with his migrant parents. Toward Bob is in Japan on a cruise. Millie Schmidtman Kendall and Neil are now living in Port Angeles, Washington and love it. She writes that Jean Daniels has started working in Viet Nam for the U.S. government.

Andre Bateman Georges and Lee have set up housekeeping in Geneva, Switzerland in a tiny furnished studio in the center of the city ("Old Ville") which is still surrounded by the ancient walls of Geneva. She was amazed to find the housing situation worse than in New York but hopes to move into a larger apartment in the near future. Lee and Andre have already become active in their new home. Lee plays basketball on the Swiss team when he is not studying in the medical school and Audrey has joined a singing group which except for her is made up of Swiss students.

Sue Carvalho Ehringer and Gerry are living in Providence where Gerry is studying at Brown and Sue is teaching at Moses Brown School. She says the boys, ages 9-13, respond to French nicely but "oh, are they devils." Pat Ashbaugh Hubert and John have bought their first house in Birmingham, Mich., and moved in in January. Pat continues to work for Michigan Consolidated Gas Company as a home economist. Evelyn Ewalt Sallinger is teaching and working toward her Master of Education degree in Illinois. She enjoys teaching 6th grade which she finds more stimulating than teaching vocal music in elementary school as she had done before. After began full-time work on his thesis in Physics after having completed his course work in June.

Our class president, Gretchen Diefendorf, has moved to New York and taken a position with the advertising company, Doyle, Dane, and Bernbach in the travel department.

We hope to see all of you at our class reunion in June.

1959

Co-correspondents: Ann Seidel, 1347 Pennington Road, West Englewood, N.J.

Linda Hess, 10 Paul Revere Road, Worce- ter, Mass.

MARRIED: Marty Vede to Clifford Lumb- berg-Karlovsky on Sept. 12 in New Haven, Conn. (She is a graduate of the University of Illinois where she was a member of the Chi Omega sorority.)

Margaret Smith to Dec. 5 in Newington, Mass. (Linda Hess was a bridesmaid and Marty Stegmayer, Phyllis Ehrhard, Marty Flynn, Gil Radin, and Mary Morse were among those present to wish the bride well as she began her new life as a wife. The Smiths are currently living in an apartment in Groton.)

Marty Stegmayer to Edward Speno on Jan. 2 in Hingham, Mass. (Included in the wedding party were matron of honor Cary Jones McDermott and bridesmaids, Sally Klein, Barbie Quinn, and Joanie Tilliman. The Spenos will be living in the Hartford area while Eddie finishes at Trinity.)

Jill Davidson to Stuart Krueger on Aug. 23; Winona Clinton to John Barker Jr. (After a June honeymoon in Hawaii, the Barkers moved to Chicago where Nona completed her course work towards a Ph.D. in chemistry at the Univ. of Chicago.)

Katherine Usher to F. T. Henderson Jr. last June (Kathie is taking the Harvard Master of Arts in Teaching Program, teaching English this semester and taking courses next semester.)

Alice Kendall to Kent Campbell on Nov. 22; Orlane Hallewell to Lawrence Huntington on Dec. 19.

Famous in the community is now teaching a Christmas Aloha from Waikiki, Hawaii, where she is working as a hostess in the swish Banya Court of the Moana Surfside. Connie worked her way across the country last summer and is hoping to make it around the world. She is doing a little substitute teaching on the side. Em Hodge too sent greetings from a worldly traveler, having just returned from "5 months of European heaven!" From the United Nations in New York came a card from Emily Wade who loves her working job with the International Adoption Agency. Jean Morris is fascinated with her work for the American Friends Service Committee, "an international organization in Cambridge which seeks peaceful solutions to international tensions and attempts to deter destructive use of nuclear power." In the nation's capital, Mary Prentice is interested with her job teaching 7th grade social studies in Washington, D.C. and play clothes firm. Ceci is taking courses which consist mostly of Japanese girls and a gal from Texas who is fascinated with her work for the American Girls. Ceci is furthering her art major by taking interior decoration courses at the New York School of Interior Design.

Joanie Peterson, now associated with J. Walter Thompson of San Francisco, is des- tined to be named Playgirl of the Month before long. Watch for her in Time pic- tured with her doting escort, the Aga Khan. Joanie's job takes her to the Squaw Valley Olympics—all expenses paid!

Both Judy Eichlerberger and Sally Ke- logg are teaching in the Boston area. Judy finds teaching 7th grade social studies in public school most interesting and rewarding. Sally teaches Harvard and MIT pro- fessors' children at the Buckingham School in Cambridge. As a production manager at an advertising agency in Boston, Carline Newburg has gained an insight into book- sters' lives and has had an opportunity to do some writing. Diane Sorota worked at the School of Dance at Connecticut last summer and now works in the advertising department of the Boston Herald Traveler.

Japan is now Roxandria Iieliason's home. Ronny was sent by the National Council of the Protestant Episcopal Church to teach in St. Michael's International School, which is a junior college in High School. She teaches beginning French and English conversation to her seven classes which consist mostly of Japanese girls. Sharing an apartment with two Jap- anese girls and a gal from Texas who is also a teacher, Ronny finds her daily life revolves around meals of "raw fish, Lotus root, seaweed, and rice, rice, rice!" She loves Japan "as does everyone who comes here."
REUNION 1960

Check your calendar...

Reunion will take place on June 17, 18, 19.

Members of other classes are cordially invited to return with the Class of 1911.