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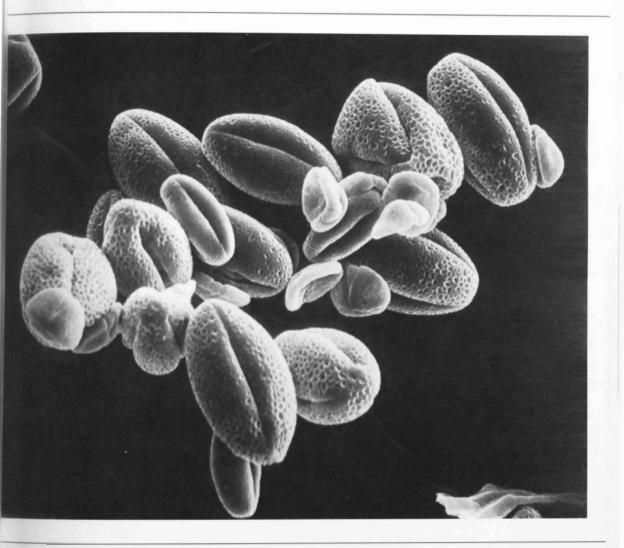
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Spring 1982



COLBY ALUMNUS



Page 4



Page 12

Spring 1982

Contents

- 1 News from the Hill
- 4 Scientific Scrutiny: The World under the Microscope Grows Smaller
- 8 Visions of the 21st Century
- 10 A Commitment to the Future
- 12 Colby 'Round the Clock
- 15 "Keeping Higher Education Within Reach"
- 18 New Horizons in Immunology
- 21 Harry Rowland Carroll, 1924-1982
- 22 Gordon Burr Jones, 1918-1982
- 22 Class Correspondence
- 34 Milestones

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Cover: Pollen grains, magnified five hundred times, were photographed through Colby's scanning electron microscope by Michael Adams '83 (Weeks Mills, Maine). The same photograph is printed in reverse on the back cover.

News from the Hill

Alumni Council Meets

At its annual winter meeting in Boston, the Alumni Council announced the selection of William S. Haggett '56, Kershaw E. Powell '51, and Lawrence W. Pugh '56 as alumni trustees. All three will assume office in May following the Commencement Day trustee meeting.

The council's nominating and awards committees also held winter meetings in Boston. These committees welcome suggestions from alumni on future candidates for alumni trustees, council members, and Colby Brick, Distinguished Alumnus, and Marriner Distinguished Service awards.

Several class agents from the Boston area met in conjunction with the winter council meeting. David Marson '48, Alumni Fund chairman, Pen Williamson '63, director of alumni relations and annual giving, and Melita Teichert, associate director of annual giving, also participated in the meeting.

Alumni Fund Clears Halfway Mark

Alumni Fund Chairman David Marson '48 recently announced that, as of March 1, \$275,400 had been contributed to this year's Alumni Fund. That amount is 58 percent of the Alumni Fund goal, and is \$100,000 more than had been raised for the fund at the same time a year ago.

"Our biggest challenge lies ahead, as we still have a way to go to reach our \$475,000 goal by June 30, the end of our fund year," Marson concluded.

Administrative Appointment

Robert P. McArthur, associate professor of philosophy and religion, has been appointed acting dean of admissions. He will serve through September 1, when a permanent successor to the late Harry Carroll will be named.

Professor McArthur, who specializes in the areas of logic and philosophy of religion, received his bachelor's and master's degrees from Villanova University in 1967 and 1968. He completed his doctorate in philosophy at Temple University in 1972, and joined the Colby faculty the same year. During 1975-76, he worked in academic administration at Colby on an American Council on Education fellowship. Professor McArthur is the author of one book, *Tense Logic*.

Energy Use More Efficient

Midway through the second season of major energy conservation changes, Colby had spent 6 percent less money on energy than at the same time the year before. The decrease, measured at the end of January, 1982, is particularly encouraging as it marks nearly a decade of declining energy use on campus. During the same ten years, construction has added 10 percent more heated building space.

Although Colby Energy Engineer Jonathan Linn cautioned college officials in a February 17 report that coarse measurements make comparisons difficult, Colby's energy use does compare favorably with that of the neighboring colleges. Bowdoin and Bates, unlike Colby, have the advantage of central heating plants, as well as winter weather gauged warmer by the U.S. Weather Bureau. Even so, during the 1980-81 academic year, Colby spent only \$542 per student on energy, whereas Bates spent \$563, and Bowdoin, \$711. Measured in terms of the physical plant, Colby's expenditures were \$.95 per square foot during the same year, while Bates spent \$.88, and Bowdoin, \$1.05.

Prospects for continuing energy conservation at the college are promising. Colby is just completing a two-year program for installation of technical improvements in its heating system. A computerized monitoring and control system in twenty-two buildings shuts off heat when temperatures reach sixty-five degrees Fahrenheit. Repairs have been made on steam distribution lines to three buildings. Storm windows have been installed in fourteen academic and residential buildings, and insulation was added in two. Construction of the new dormitory and the library addition, which increase Colby's heated area by seventy-three thousand square feet, incorporated ample insulation and efficient heating equipment into these buildings.

Energy conservation measures implemented during the past two years were scheduled to save electricity and oil at a rate that would fully amortize their \$437 thousand purchase price in two years. The recent drop in oil prices has altered projected savings, but the college expects to have used 10 percent less energy in 1981-82 than it did in 1980-81.



Christo, the man who made wrapping landscapes, seascapes, and buildings

into a controversial art form, bemused, mystified, and enthralled more than five hundred persons who attended the twelfth annual Clara M. Southworth Lecture in Environmental Design on March 18. The Bulgarian-born artist. whose works around the world have caused both celebration and consternation, spoke about five works in progress, projects designed for Central Park in New York City, Biscavne Bay in Florida, the Reichstag in Berlin, the Pont Neuf in Paris, and the desert in Abu Dhabi. The Christo festival included an exhibit. "Wrapped Coast," in the Colby Museum of Art. a series of sketches and photographs of a 1969 project that covered a million square feet of the coast of Little Bay near Sydney, Australia. The Christo visit inspired junior John J. Rooney of Huntington Valley, Penn., to secretly wrap in five hundred feet of cellophane the Bixler Center office of art department chairman David L. Simon. The work was entitled "Wrapped Office."



New Overseers Appointed

Six new members have been appointed as Colby Overseers. They are: Frank O. Apantaku '71, James R. Cochrane '40, Sarah Janney '76, Peter H. Lunder '56, Peter B. Oram '55, and Roberta Peters, Mus.D. '81.

Dr. Apantaku is a surgeon and clinical instructor of surgery at Chicago Medical School. A native of Nigeria, he was awarded a Watson fellowship at the end of his senior year to study implications of native cultures for development of tropical medicine. He received his M.D. degree from Northwestern Medical School in 1975 and is currently a Ph.D. candidate in biochemistry at Chicago Medical School.

Mr. Cochrane, president of the Seiler Corporation in Waltham, Mass., has served as director of the Shawmut banks in Waltham and Melrose, president of the Waltham Chamber of Commerce, trustee of Kents Hill School, and on the Bay Path Junior College Advisory Committee. In 1978 Mr. Cochrane was awarded a Colby Brick in acknowledgment of his ongoing support for the college.

A licensed investment broker, Miss Janney recently moved to the American Security Corporation in Washington, D.C., from the investment banking firm of Alex Brown and Sons in Baltimore, Md. She has been actively involved with the Colby community as both an alumni interviewer and a member of the Alumni Council. She also serves as a governor of Green Spring Valley Hunt Club and as a fund raiser for the Nature Conservancy.

Currently president, assistant treasurer, and director of the Dexter Shoe Company in Dexter, Maine, Mr. Lunder also serves in the same capacities at Good-Will Machine Corporation and as chairman and treasurer of Pan Am Shoe Company. He was class agent from his year of graduation until 1959 and has also supported the Friends of Art.

Mr. Oram is senior vice-president and director of aircraft programs for Grumman Aerospace Corporation in Bethpage, N.Y. He served as a pilot in the U.S. Air Force from 1956 to 1958 and received his master's degree from Massachusetts Institute of Technology in 1971. He was a member of the Long Island Colby Alumni Club during the years when that club was active.

A well-known opera soprano, Miss Peters was awarded an honorary Doctor of Music degree from Colby in 1981. She was educated privately, but also holds honorary degrees from Elmira, Ithaca, and Westminster colleges and from Lehigh University. Mother of senior Bruce Fields, she serves as honorary chairperson of Colby's parents committee.

Boston Telethon is a Success

The eleventh annual Boston Colby Telethon, held on March 11 at Babson College, was a recordsetting success. The \$21,357 raised in pledges for Colby's Alumni Fund broke the all-time record for money raised by any college or preparatory school that has used Babson's telethon facilities.

Club-sponsored telethons were also scheduled for May 5 in New York City, May 19 in Portland, Maine, and June 1-2 in Waterville. Anyone interested in participating in the Waterville telethon should contact Melita Teichert in the annual giving office.

Two Women Named Watson Fellows

Two Colby women have been named Watson Fellows for 1982-83. Jeffra Becknell, from Franklin Lakes, N.J., and Carolyn Treat, from Northfield, Mass., will each receive a stipend of \$10 thousand to be used for study and travel abroad.

Miss Becknell, a history major and future law school student, will spend a year studying the progress of women's sports in Europe. Specifically, she will examine different stages of growth in field hockey in Great Britain, soccer in West Germany, and ice hockey in Sweden. She will be considering two basic aspects in the development of women's athletics: participation and organization. Well qualified to assess both facets, she has been a participant in all three sports, among others, while at Colby, and a captain of the women's soccer and ice hockey teams. As a history student, she will explore the existing organizational structure for each sport from a multi-cultural viewpoint.

Miss Treat, an art major and

sculptor, spent her junior year in Italy, where she developed a deep interest in sculpture and the media for its execution. Her Watson fellowship will be spent in a practical and historical study of marble. Beginning in the quarries of Greece and Italy, she will move from monuments and through museums to Pietrasanta, an Italian town near the quarries of Carrara. There she will serve an apprenticeship in a marble workshop learning the techniques of pointing, carving, sanding, and polishing.

The Thomas J. Watson Foundation fellowships were awarded to seventy students from forty-three of the forty-eight participating colleges and universities. Colby, which joined the program twelve years ago, boasts a total of twentyfour Watson Fellows chosen for commitment to their fields of interest and potential leadership within them.

Varied Special Programs at the College this Summer

More than thirty-five special programs scheduled at Colby this summer are designed for a spectrum of participants ranging from specialists in nuclear medicine to handicapped children.

As in the past, the majority of courses planned by the Division of Special Programs offers continuing medical education credit. Colby is the only liberal arts college accredited by the American Medical Association to give category I credits for such sessions.

Participants in this year's medical courses will examine topics that include marine medicine, pediatric ophthalmology, and nuclear medicine. The Isles of Shoals, off the coast of southernmost Maine, will be the site of the marine medicine course, September 13-17. It will cover diving physiology, high pressure oxygen treatment, and treatment of poisonous fish and shellfish bites. In the ophthalmology session, August 8-12, Kevin Hill '50, M.D., will direct discussion of dyslexia, glaucoma, and assessment of visual functions in pre-literate children. The nuclear medicine session, August 15-19, will focus on advances in cardiac imaging, a diverse set of technical topics in nuclear cardiology.

Summer programs will also provide learning opportunities for persons with non-medical interests. British calligrapher Peter Halliday. craftmember of the Society of Scribes and Illuminators, will instruct experienced calligraphers in an intensive course. August 9-20. A course for novice calligraphers will be conducted simultaneously by Bonnie Spiegal, a Portland, Maine, calligrapher. The piano institute, June 13-30, will include two and a half weeks of master classes, lectures, and private instruction by Anthony di Bonaventura. Professor di Bonaventura will give a benefit recital for the scholarship fund in conjunction with the institute.

Special group activities will also be a part of the summer agenda. Colby's career planning office will host a meeting of the Eastern College Personnel Officers organization, June 23-25, and the admissions office will sponsor an August 15-19 conference for members of the New England College Admissions Officers Association and secondary school guidance counselors. A gathering of a very different nature, the Special Olympics, will offer handicapped children opportunities, June 11-13, to extend their physical capacities in a lively atmosphere of support and encouragement.

Scientific Scrutiny: The World under the Microscope Grows Smaller

As technology challenges traditional constraints on exploration and analysis, so are liberal arts colleges challenged to enable students to understand and apply new technology. The acquisition of two electron microscopes by Colby has made it possible for science students to study the fine structure of living and nonliving materials and to gain technical knowledge that is extremely important in graduate and professional schools. In the following article, biology Professor Art Champlin explains the capacities of the electron microscopes and how their use is being integrated into the Colby curriculum.

THE MICROSCOPE HAS BEEN A TOOL OF SCIENTISTS IN A number of disciplines since the sixteenth century. The development of the compound light microscope at about this time permitted scientists to see details of living and non-living specimens that had previously been impossible to see with the eye alone, no matter how sharp one's eyes were.

The optical capabilities of the light microscope were continually improved during the next few centuries so that today a person using a high quality light microscope can magnify his specimen by about a thousand times and see details that are only 250 nanometers in size or that distance apart (250nm = 0.00025mm or about 0.00001 inch). Therefore, we say that the resolving power of the light microscope, that is, the ability of the instrument to separate details, is about 250nm. This limit of resolution is in large part due to the fact that the light microscope uses visible light as a source of illumination. Many details of specimen structure are clearly seen with such instruments, but details of structure closer together or smaller than about 250nm cannot be seen, no matter how fine a light microscope one uses.

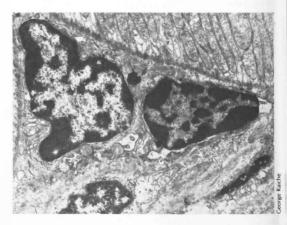
This limitation led people during the 1920's and 1930's to develop the electron microscope, which uses, as its name implies, a beam of electrons as its source of illumination. A beam of accelerated electrons has a wavelength several-fold shorter than that of visible light, and in a properly designed electron microscope permits the user to see details that are in the order of 0.25nm apart with magnifications of up to 300,000-400,000 times under ideal conditions. That is, the resolving power of the electron microscope is about a thousand times greater than that of a light microscope. With this type of resolution, a biologist can see the structure of the components of cells, the geologist can see fine textural and compositional features, and the chemist can see details of molecular structure and relationships.

GENERAL FEATURES OF ELECTRON MICROSCOPES

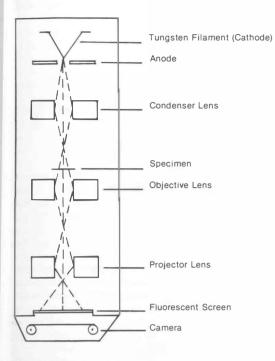
A bent tungsten filament is often used as a source of electrons in an electron microscope. This filament is heated, and electrons are emitted from its tip. An accelerating voltage is applied to the stream of emitted electrons as they pass into the microscope column. The column contains magnetic lenses, which focus and defocus the beam of electrons; the specimen to be observed; and either a fluorescent screen or an electron collector for viewing the image of the specimen. The entire column, including the specimen, is kept under a high vacuum because the molecules of gas that make up air would, if present, impede the passage of electrons through the column and scatter them. The column is placed on or near a console that has panels of dials that electronically control the operations in the column.

THE TRANSMISSION ELECTRON MICROSCOPE

There are two types of electron microscopes, both of which are in use at Colby. The transmission electron microscope (TEM), a description of which was published by Knoll and Ruska in 1932, was first produced



The above photograph of mouse kidney tissue, magnified 21,900 times, was taken through the transmission electron microscope.





commercially in 1939. Its resolving power of 0.2 to 0.4nm and magnifications of up to several hundred thousand times permit the user to see details of ultrastructure and, often, macromolecular relationships.

The TEM is designed to transmit an accelerated beam of electrons through a very thin section of a specimen placed on a small metal grid within the column. The electrons are deflected to varying degrees by the substructure of the specimen, which produces an image of the specimen in varying degrees of lightness and darkness on the fluorescent screen at the base of the column. An outline of the components of a TEM is shown in Figure 1.

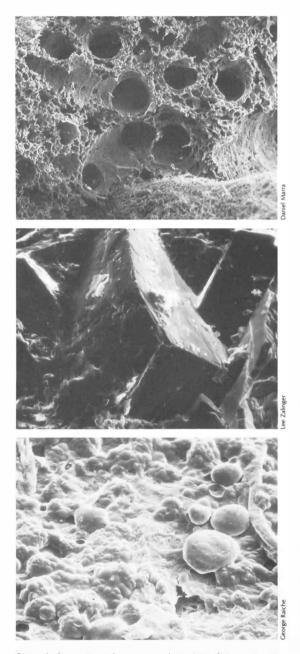
Different types of specimens are prepared in different ways before being placed in the microscope. Since the specimen to be observed will be in a high vacuum within the column, living specimens are rarely observed with an electron microscope, and then only under special conditions. Small, living specimens or even specimens from a freshly killed organism would become quickly deformed by the high vacuum in the column and by the electron beam. Therefore, in most cases, biological specimens are preserved by fixation, dehydrated, and often imbedded in a hard plastic. Ultrathin sections, 50-100nm thick, are then cut with the use of an ultramicrotome. The sections are placed on a small grid, often stained to heighten contrast between parts of the specimen, and then observed with the TEM. The microscopist can record the image of the specimen, or parts of it, on a piece of photographic film placed in a camera below the fluorescent screen.

THE SCANNING ELECTRON MICROSCOPE

The scanning electron microscope (SEM) is of newer design and has been in commercial production since 1965. This instrument allows observation of the details of surface structure-surfaces of animals, plants, microorganisms, mineral samples, fibers, and a host of other types of specimens-with a resolving power of 10nm or less and a magnification of a hundred thousand or more times. The beam of electrons is focused to a very small spot and moved, or scanned, over the surface of the specimen in a series of horizontal sweeps. When the electron beam hits the specimen, secondary electrons are emitted from the surface, and are picked up by a secondary electron collector. The pattern of the secondary electrons is transformed into a video signal that is seen by the microscopist on a cathode ray tube (CRT). The image seen represents the surface topology of the specimen, because it is this topology, the crevices, hills, and pits, that determines the number of electrons collected from the various parts of the surface. The image of the specimen observed on the CRT can be recorded



Dan Marra '83 of Litchfield, Conn., examines a specimen under Colby's transmission electron microscope.



Pictured, from top to bottom, are: lung tissue from a mouse, magnified 174 times; flourite crystals from the Mojave Desert in southern California, magnified 1,000 times; and the back of a Colby "add-drop" (NCR) form, magnified 1,000 times, on which globules of ink appear as round objects. These and the cover photograph demonstrate scanning electron microscope applications in the life, earth, and material sciences.

on film by photographing the CRT. The components of an SEM are shown in outline form in Figure 2.

If the specimen to be observed with the SEM is hard, it is fastened to a small stub, coated with carbon or with a heavy metal if it is not electrically conductive, and placed at the bottom of the microscope column. If it is a soft specimen, as is frequently the case for biological samples, it is first fixed, dehydrated, and dried (to remove the alcohol that replaced water in the specimen) before it is fastened to a stub.

ELECTRON MICROSCOPY AT COLBY

Steven Muller, president of the Johns Hopkins University, wrote recently in an article that appeared in the *New York Times Magazine* that "It sounds brutal, but we may have reached the point where no Biology Department can be considered first-rate if it does not have an electron microscope." In actuality, the electron microscope has become an essential tool for teaching and research not only in biology, but also in geology and in certain areas of chemistry. Advances in instrument design and operation have made possible the use of the electron microscope by undergraduates in their study of ultrastructure, both as part of course laboratories and in research and other special project work with the guidance of qualified faculty members.

The idea of an electron microscopy laboratory at Colby is not new. The last ten to fifteen years have seen an evolution of ideas for the development of this type of facility. The first signs of reality for the laboratory were seen during the expansion and renovation of the science complex that occurred in the period of 1976 to 1978. A large, unfinished space in the basement of the Arey Life Sciences building was set aside for an electron microscopy laboratory with the hope that it would be constructed and outfitted in the not-too-distant future.

During the spring and summer of 1980, the president and the trustees of the college gave their approval for the construction and outfitting of the laboratory. An order for a Zeiss EM 109 transmission electron microscope was placed in May. Construction of a laboratory suite was begun during the late summer and completed the following winter.

A scanning electron microscope, an AMR 1000 that had previously been in use at George Washington University, was purchased and arrived at Colby in December, 1980. A PGT System III for X-ray microanalysis, which permits the user to determine the elemental composition of a specimen in the SEM, was soon added, as were various pieces of equipment for both TEM and SEM specimen preparation. The 1981 spring semester saw the SEM in full use by students and faculty. The students in several courses in biology and geology used the SEM as a part of their regular laboratory programs. Other students used the SEM and equipment for X-ray analysis in their programs of independent study with faculty from both departments.

The Zeiss transmission electron microscope finally arrived and was installed during July, 1981. By the end of the summer, the electron microscopy laboratory was complete, and a ten- to fifteen-year dream had been realized. The laboratory houses the only electron microscopes in central Maine and is one of the very best, if not *the* very best, equipped facilities of its type to be found in any liberal arts college in the country.

During the 1981 fall semester, the laboratory saw expanded use by students and faculty from the departments of biology, geology, and chemistry for both course work and research. During the 1982 January program, Professors Art Champlin, biology, and Don Allen, geology, offered a course in the principles and practice of electron microscopy. Ten juniors and seniors who were majors in biology, chemistry, or chemistrybiochemistry enrolled in the course that was an extensive and intensive examination of both transmission and scanning electron microscopy. Each student learned the principles of electron beam generation and columniation, the interaction of the electron beam with the specimen and the ways of producing a visible image from that interaction, the techniques for preparing both living and non-living specimens for observation with both instruments, and the principles of X-ray microanalysis. The students applied these ideas in the laboratory by preparing and observing samples of various types with both the TEM and SEM, and by making a quantitative X-ray analysis of the elemental composition of one or more samples. Some of the fine work of these students appears on the cover of this issue and in some of the photos that accompany this article.

Coursework of this type is planned for future years either as part of the regular semester or during the January program in order to provide Colby students with the tools and techniques to use in studies of ultrastructure. In future courses each student will be asked to use his or her newly acquired skills to investigate a problem requiring ultrastructural analysis in his or her own area of greatest interest.

The uses of electron microscopy continue to grow with each passing year. Our students at Colby now have

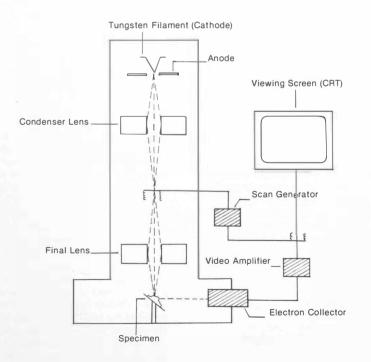


Figure 2. Components of a scanning electron microscope.



Ellen Smith '82 of Assonet, Mass., works at the controls of the scanning electron microscope.

a well-equipped facility in which to learn and to apply the techniques of electron microscopy. A knowledge of electron microscopy can be of tremendous value to and is often essential for the student of science who enters graduate or professional school or pursues a career in industry or in the health professions. Members of the faculty at Colby now have research quality instruments that will permit them and their students to conduct studies on the ultrastructure of living and non-living materials.

The electron microscopy project is an important component of the Colby 2000 Campaign. Already, substantial gifts from the George I. Alden Trust and the Arthur Vining Davis, Arthur Ashley Williams, and Howell Hollis foundations have helped to defray the cost of the project. Alumni and friends have also been generous in expressing their support for this facility at Colby.

Professor Champlin received his bachelor's and master's degrees from Williams College in 1961 and 1963, going on to the University of Rochester to receive his doctorate in 1969. Specializing in genetics and reproductive biology, he was a postdoctoral fellow at the Jackson Laboratory in Bar Harbor, Maine, for two years before joining the Colby faculty in 1971. In 1980 Professor Champlin became chairman of Colby's Division of Natural Sciences. He has returned to the Jackson Laboratory each summer as a visiting investigator or resident supervisor of the summer program there.



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Visions of the 21st Century

Paul B. Dorain became Colby's vice-president for academic affairs and dean of faculty last July. A distinguished research chemist, he previously taught at Brandeis University where he was chairman of the department from 1970 to 1974. He has served as Tallsman Visiting Professor of Physics and Chemistry at Bowdoin and, last year, was a visiting fellow in the engineering and applied science department at Yale. In this article, he shares his views on curricular needs for preparing today's students for leadership roles in the twenty-first century.

THE FRESHMAN CLASS HAS ARRIVED AND SURVIVED AT Colby. Its members have found, as did their predecessors, that this institution is more than the attractive open campus of classic design. They have found that their minds have been challenged, their reasoning questioned, and their conclusions tested. They have survived a semester that has built self-confidence. It is a temptation to say that this class is another much like those which preceded it, to say that all is the same, and to say that the obligations of the faculty for those students are the same as those before. I believe these assumptions are wrong.

If previous class profiles apply, the members of the Class of 1985 will go to graduate or professional school two years after they leave Colby with their degree. By the age of twenty-seven or twenty-eight, they will receive their Ph.D., M.B.A., or other advanced degree which will permit them to start a career of substance and influence. In the year 2000, that magic year of demarcation, they will be in their middle thirties, will have established their families, and will be members of the cadre of leaders who will shape the twenty-first century in our country.

There are a multitude of visions of the twenty-first century. My generation was, and still is, fascinated by a Buck Rogers mentality, some of which has already come true. Other prophets from their pulpits predict either miracles or catastrophies of magnitudes never before achieved. Whatever the cloudy crystal ball shows, the fact remains that the formulation of the future in the minds of the Class of 1985 at Colby and elsewhere is being determined now. It is *now* that the basis of understanding is to be built. It is *now* that the openness for appropriating the future is to be created. It is *now* that the faculty needs to examine the college curricula to see what is to be modified, expunged, augmented to prepare the Class of 1985 for the year 2000.

Most would agree that any program of preparation for the future would surely include courses that teach about the past. The obvious inclusion of history must be supplemented with classics, geology, art history, religion, literature, and archeology. The list for the understanding of the present could include government, economics, psychology, art, music, languages, biology, and perhaps chemistry, among others. But to understand the future I offer philosophy, English, mathematics, physics, and biology again.

I have included biology—that formerly quiet, observational science—in both the present and the future categories because, even now, one can sense the changes in our lives offered by the possibilities of gene splicing; the modification of DNA, that marvelous molecule that has the pattern of our own replication; the ability to implant an embryo of another into a surrogate mother mammal; and the understanding of the transport processes across membranes with the concomitant implication for understanding the neurological processes. This list contains but a few of the prongs of research that stretch our understanding of who we are and what we may be.

I have included physics because it is the basis for understanding all natural sciences and it is the window for understanding the future with its rapid technological change. Closely linked are English and mathematics, those inventions of man that have allowed us to bring to fruition the longing to describe and organize the chaos around us. They are the tools of the future. We are surrounded by the "games" of small microprocessors and we tend to become cavalier about the intrusion of computer influences. But beyond that is the understanding of new logics as we push ourselves to make machines that have the power of choice. recognition, selection, and intuition. It is not the machines themselves that are important but the understanding of our own mind and the world about it that is being expanded. To ignore these developments is to imperil the future. To appropriate the ideas in mathematics and physics does not guarantee an openness but they provide the tools for understanding that are necessary for the Class of 1985, the decision people of the year 2000.

I have also included philosophy in my list of future oriented courses. The reason is clear. More than anything else, the need is to understand, to weigh up, and decide with clarity of thought. The year 2000 will have many problems containing questions that have never been raised before. The use of gene splicing and DNA modification to cure disease will be a powerful



medical tool to improve human life. At the same time, it opens the possibility of behavior modification in ways not previously available. The use of computer technology will free us from certain tasks of the world of tedium, will provide us with the impetus to create new understanding of our own mental processes, and, at the same time, provide a separation between those who know from the large group who do not. The transplantation of embryos will undoubtedly be a boon to the improvement of livestock herds, but one shudders to think what would have happened with this tool in Hitler's Germany.

Our purpose is to prepare the Class of 1985 and succeeding classes to sort out, to speak out, and to lead in the search for possible solutions to these and other wholly new questions.

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A Commitment to the Future

O^{NE} OF THE MOST AMBITIOUS UNdertakings in the 169-year history of the college, the Colby 2000 Campaign: A Commitment to the Future, officially began on April 16. Its theme and goal focus on establishing resources that will ensure an educational environment of the highest quality for students throughout the remainder of this century and into the next.

Volunteers from all segments of the college community have integral roles in the \$25 million campaign. under the general chairmanship of H. Ridgely Bullock '55. The campaign leaders and steering committee worked first with a prospect development committee and later with major, trustee, and overseer gifts committees. The student liaison committee and faculty and staff representatives of the campus fund were also active well before the campaign opening. Special gifts, parents, business, and national alumni committees will begin their work over the next several months.

The overall campaign goal is divided into a \$20 million capital portion and \$5 million to be raised through the Annual Fund, which is comprised of the alumni and other funds and is used for current operating expenses. Campaign pledges had been made by 100 percent of the trustees, 66 percent of the faculty, and 80 percent of the administrative staff by the time the official beginning was celebrated. Nearly \$4.5 million of the capital portion of the goal had been raised, including substantial contributions from the Gladys Brooks, John D. and Catharine T. MacArthur, William and Flora Hewlett, and Andrew W. Mellon foundations.

The \$20 million capital portion of the Colby 2000 Campaign goal has two components, \$12 million to be sought as new endowed funds and \$8 million designated for construction and purchase of equipment.

The endowment portion of the campaign will be invested to support programs essential to Colby's academic excellence, including faculty and departmental development, student financial aid, visiting scholars, special lectures and programs, and the library collection. The importance of increasing Colby's endowments was stressed when campaign goals were outlined at the October, 1980, Board of Trustees executive committee meeting. In 1958 endowment earnings provided 25 percent of Colby's total educational and general expenditures: in 1980, because inflation had severely increased expenses, only 10 percent were covered by endowment earnings.

The endowed funds of \$4.5 million earmarked for professorships, faculty salaries, research, and various departmental support funds are, in many respects, the heart of the Colby 2000 Campaign. Faculty support through salaries and research funds is vital for Colby to remain competitive and highly selective. Income from the endowment will not only help the college to continue to attract faculty of high caliber, but will also provide Colby with the flexibility to experiment, to explore, and to continue with greater rigor its tradition of innovation.

Despite a substantial and growing financial aid program, Colby still cannot guarantee assistance to all accepted applicants and students who have demonstrated need. This shortcoming will be compounded as the federal government returns to the private sector the option to provide support for college financial aid programs. Colby rejects the policy of some private colleges to grant or deny admission on the basis of students' abilities to pay. The \$4.5 million sought for endowed financial aid funds will help close the gap between Colby's philosophical goals and current realities.

THE VALUE OF THE LIBERAL ARTS, with their diversity of disciplines, is enriched by the variety and scope of talent and knowledge that visiting artists, scholars, scientists, and lead-



Standing among many others who had already invested tremendous effort in the Colby 2000 Campaign, Trustees Robert S. Lee '51 and H. Ridgely Bullock '55, and President William R. Cotter attend closely to last spring's library groundbreaking ceremony.

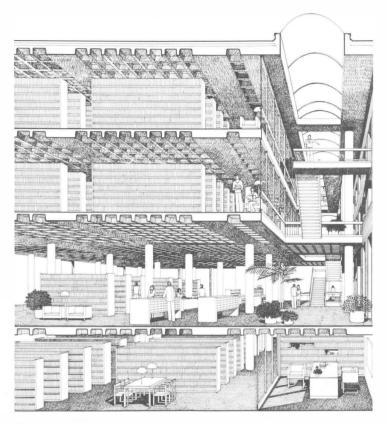
ers in commerce and industry can bring to Mayflower Hill. They complement classroom discussion and provide testing grounds for students' own imaginations. A \$2 million portion of the goal will create funds for performing and graphic arts programs, visiting scholars, curriculum development, and student/faculty travel.

An additional \$1 million of the endowment goals will be invested to generate funds for library book acquisitions to maintain and expand the current college collection of nearly 365 thousand volumes. Collection development will emphasize such areas as twentieth-century art, seventeenth- and eighteenth-century history, anthropology, computer sciences, and international marketing and finance.

Not only does the library figure prominently in the endowment aspect of the campaign, but \$6.7 million of the \$8 million to be used for construction and equipment will be invested in the library expansion and renovation. When Miller Library opened in 1947, it had been designed for 1,000 students, whereas today it must serve 1,650. Only 21 percent of the current student body can be seated in the library at any time. In the same interim, the library's collection has doubled. forcing the storage of twenty-five thousand volumes.

The library addition and renovation were designed to increase seating capacity by 80 percent and stack space by 64 percent, to create flexible space for necessary library functions, and to direct the flow of traffic through this center of campus in patterns that will avoid disturbance in study areas. It will include a twenty-four-hour study room, expanded circulation and reserve areas, and an instructional media center.

The \$1.3 million balance of the construction and equipment fund will be applied toward purchase of



The library addition and renovation, scheduled for completion in 1983, will increase the library's current seating capacity by 80 percent and stack space by 64 percent.

computer equipment, the expense of the new electron microscopes and laboratory, improvement of sports facilities, and installment of energysaving equipment.

MANY BELIEVE THAT THE COMPUTER is to modern man what the wheel was to early man, expanding his capacities beyond natural limitations in ways that will pervade nearly every aspect of daily life. Liberal arts graduates should be knowledgeable about its operating principles and aware of its vast potential applications. The installation of \$500 thousand worth of new terminals, hardware, and software will enable Colby to make significant progress toward the goal of universal computer literacy among its students.

Another research tool of the twenty-first century is the electron microscope. Colby's new transmission and scanning electron microscopes, which with related equipment and laboratory facilities cost \$300 thousand, place its science laboratories in leadership positions among peer institutions. As Colby sends graduates on to further scientific investigation and professional studies, their experience with the electron microscopes will give them distinct advantages.

Women's athletics at Colby have achieved parity with men's in almost every aspect, with the glaring exception of locker room facilities. Runnals Union, which is now the performing arts center, was used primarily for women's sports at the time that the athletic complex was constructed. A one thousand squarefoot, \$100 thousand addition to the complex will create sorely needed locker space to accommodate the 350 percent increase since then in women's sports activities. An additional \$175 thousand is earmarked for improvement of existing fields and construction of new ones.

Rising energy costs have made conservation important nowhere so much as in the far northern states like Maine. During the past two years, Colby has taken several substantial energy-saving measures, including installation of a computerized energy-use monitoring and control system, double-glazed windows in fourteen buildings, and insulation in two dormitories. The Colby 2000 Campaign will provide \$225 thousand to support these measures throughout the campus.

Colby has undertaken eleven campaigns in its nearly seventeen decades, each successful because of the generous support of Colby alumni, parents, and friends. The Colby 2000 Campaign will again draw from the loyal support of the Colby community to rebuild the contribution of endowment earnings to educational imperatives such as financial aid, faculty support, and library acquisitions, and to meet the demands placed on Colby's physical plant.

President William R. Cotter stated in the November panel discussion with his two immediate predecessors that the task of the liberal arts is to develop leaders who will have the capabilities to grapple with unforeseen challenges. The Colby 2000 Campaign, as its theme emphasizes, will help ensure that Colby graduates will face the twenty-first century with strength and confidence, just as past Colby generations have been prepared for today.

Colby 'Round the Clock

A^S THE SECOND YEAR OF COLBY'S FACULTY-IN-RESIdence program draws to a close, the consensus of professors, administrators, and students indicates that the program is a "tremendous success."

Established to form closer contact between students and faculty and to shorten lines of communication within the college, the program has developed to include five faculty members, three with families, who live on campus. They are situated in Mary Low, the Heights, Taylor, Pepper, and Dana dormitories.

L. SANDY MAISEL, associate professor of government, resides in Mary Low with his children, Dana, age ten, and Josh, eight. Although the program was not scheduled to begin until September, 1980, the Maisels moved to campus when their apartment was completed the previous January. As the first faculty resident, Professor Maisel had the opportunity to explore and, to some extent, to define the role for those who would follow.

"At first some students were skeptical, as if Big Brother was watching," Professor Maisel noted recently. However, students quickly became comfortable with his presence and came to know his family well. "It amazed me when I first moved to campus, although now I'm used to it, the number of students



Sandy Maisel (left) leads a discussion in his Women in American Politics seminar, which meets each week in his Mary Low apartment.

who obviously miss younger brothers and sisters. They gravitate to the children as a reminder of home.

"I am very informal," he continued. "Students come into the apartment all the time to watch television, see the kids, or, once in a while, talk about problems, academic or otherwise." Through this kind of interaction, he hopes to cut down on the barriers between students and faculty.

At the same time as faculty residents have helped to relax the dialogue between students and their instructors, Professor Maisel believes the presence of families in residence halls has helped instill in students greater consideration for those around them. "Learning to live in a community involves respect for other people and their privacy. Too often, generally, students don't have respect for each others' rights."



Shannon and Bob McArthur share a quiet moment in their apartment in the Heights, Colby's newest dormitory, which opened last September.

ROBERT MCARTHUR, acting dean of admissions and associate professor of philosophy and religion, agreed that the faculty-in-residence program "introduces an element of the 'real world'." He explained that because the students in dormitories are surrounded by peers with presumably similar interests, they often feel free to behave in ways that they would not expect to be acceptable in another situation, such as in an apartment house. In this respect, he and his family are "sort of a check on behavior," he said.

Professor McArthur lives in the Heights, Colby's newest dormitory, with his wife, Shannon, and their twelve-year-old daughter, Lauren. As with several of the faculty residents, their menage includes their pets—in this case, two cats and an Old English sheepdog named Iris.

The faculty residents have no disciplinary responsibility, "which is good," according to Professor McArthur. "We're not authority figures; rather, we prefer to be academic figures."

The McArthurs also believe that they are at the Heights as resources, a responsibility that they fulfill in numerous ways. They often act as "facilitators," offering students guidance on how and where to go in the college to accomplish particular objectives. They also function as part of the dormitory's staff, regularly holding meetings in their apartment. Mrs. McArthur, a sculptor by profession, has even organized a knitting group. "In some ways," Professor McArthur noted, "we also provide a surrogate family. Our pets, especially, have become their pets."

Both parents agreed that the campus has been a wonderful place for their daughter. "It has been a real education for Lauren," Professor McArthur said. "She learns a lot, sees a lot of interesting things, and meets a lot of new people."

The McArthurs regularly invite students to dinner, and they hope to have wined and dined every student in their dormitory at least once by the end of the year. Jokingly, Professor McArthur commented that sometimes "food seems to be the essential link between ourselves and the students. The single most typical reason for someone knocking on our door is to borrow a rolling pin, sugar, teaspoon of vanilla, et cetera. A person once came and said, 'I'm making cookies. Can you lend me a cookbook, flour, milk, butter. . . . ' We asked her what she had and she replied, 'Half a bag of chocolate chips.'"

LAURENCE RICHARDS, assistant professor of administrative science, occupies the Taylor apartment with his family. His wife, Jane, serves as advisor to one of the sororities and is also taking courses at the college. Their sons, Doug and Greg, are ages ten and eight.

Professor Richards was quick to note how the program has helped him get to know his students. "Last semester, at least half of the people in my classes



Jane and Larry Richards converse in their Taylor apartment, while sons Doug and Greg play in the background.

wrote on their course evaluations that they visited me in the apartment. Such interaction at such a level otherwise probably would not have occurred." He explained that most students have their hours tightly budgeted during the day, but their time is often more open in the evening. With faculty on campus then, they are more likely to be sought.

For Doug, a fifth-grader, campus is a sportsman's heaven. "I get to play tennis, go sledding, play with students. . . ." Eut he also admitted that occasionally he feels out of place.

For ROBERT WEISBROT, assistant professor of history, the program has meant "closer contact with students, particularly students in my classes." Some of his classes meet regularly in his apartment. "Discussions are more relaxed and open in this type of atmosphere over the formal classroom," he observed. This has been his second year in Dana, the largest of the college's dormitories.



Rob Weisbrot takes a break from preparing a history lecture in his Dana apartment.

The REVEREND PAUL COTÉ, Catholic chaplain and director of the Newman Ministry at Colby, has lived on campus for four years. His residency at Pepper "has made my job easier," he said. "I really get to know the students, be near them, be available all the time. I really believe students benefit from having adult presence on campus twenty-four hours a day. . . . They feel they can do whatever they want, but should a crisis occur or something arise where a little more experience is needed, we are there."

"The faculty is benefiting also," he continued. "They are coming to understand the students, their anxieties, and what they're about a lot better."



Doe receives some welcome attention from her owner, Father Paul Cote, who has lived on campus as long as most students do.

"One of the biggest assets of the program is that each faculty member has his own way of dealing with the students," said Joyce McPhetres, acting associate dean of students, who oversees the program. "They (the students) can interact with a variety of interesting individuals." She added that it has been an education for the professors as much as for the students.

Faculty residents are asked to eat two thirds of their meals in the dining halls. Most consider the food "quite good." However, one professor noted that family togetherness is next to impossible in a large, crowded cafeteria setting.

Interestingly, some problems that seem predictable do not trouble the residents. Noise, for example, has not been a problem, although Professor Maisel admitted that at times *he* had been asked to turn down his stereo. Lack of privacy has also proven to be no substantial concern. Most of the apartments are located in annexes or at ends of halls, away from the mainstreams of activity.

How do students feel about professors living in the dormitories? "It's great," according to senior Tim Dean of Farmington, Maine. "It adds a lot to the campus. It's nice to see families, especially children. Temptations are great to be narrow-minded when everyone is the same."

Mary Ann Leach, a senior from Wakefield, Mass., noted that the program has "helped bridge the traditional gap" between professors and students. She added that it has also helped establish a connection between social events and academic ones.

Junior Dan Marra of Litchfield, Conn., remarked that he finds it helpful to see professors outside the classroom. Asked if faculty in residential halls seem out of place, he replied, "I think the students realize that they are not there as watchdogs, but as other members of the dorms. That's how they're treated, and that's how they act in return."

"Keeping Higher Education Within Reach"

SPIRALING EDUCATION COSTS PROvoke reactions ranging from vexation to genuine alarm from parents of many college students. While Colby is hardly immune to the economic forces that influence tuition and associated expenses, it does offer a carefully planned range of financial assistance that eases the stress of college expenses for over a third of its current student population.

Colby's charges for the 1982-83 year will amount to \$10,450, and additional personal expenses such as books and travel will push a student's total costs to more than \$11,500. During the same year, Colby will uphold its philosophical commitment to assist students by assuming a portion of the responsibility for financial aid currently provided by the federal government.

The intent of the financial aid program at Colby is clear: to provide the opportunity for a Colby education to students who, without the benefit of those funds, could otherwise not attend. With the exception of a few \$100 honorary awards reserved for upperclassmen. all financial aid awards are based on demonstrated need. Colby prides itself on its ability to meet the full need of those students who are offered assistance. Moreover, the college will continue to meet that need as long as the need continues to exist, up to the full four years.

Nearly all Colby aid "packages" consist of three parts: an outright grant requiring no repayment; a loan administered by the college or by a federal loan program; and an on-campus job. How much a student receives is based on what the college determines the parents and student can afford to contribute. An award is then offered for the remainder of the expenses.

Colby uses several sources of information to determine a fair expec-

tation of family support for the prospective student, including the College Scholarship Service Family Confidential Statement, photocopies of tax returns, and written information. After collecting income and asset information, the financial aid office completes a sixty-five step calculation to arrive at a figure representing the expected family contribution. "Using fifteen years of research, refinement, economic indicators, and tables, we work our way towards a fair and consistent family contribution," Gary Weaver, director of financial aid, elaborated. "Judgment is very much a part of what we do. We strive to treat all families equally, so that families with similar financial circumstances receive similar awards.

We think it is important to give this kind of personal attention."

Colby also works with fifteen other institutions to corroborate the appropriate amount of aid to offer persons who have applied to more than one of the cooperating colleges and universities. These schools, which include Smith, Middlebury, Harvard, and Bowdoin, among others, meet each spring to discuss and agree upon the family contribution that they will require of common applicants. Weaver stressed that consistent expectations among schools reduce potential for "buying" better scholars or athletes by offering larger amounts of assistance, and that this procedure therefore encourages students to make choices based on the educa-

	Tabl	e 1		
Three Sample	Families	Receiving	Colby	Aid

	Smiths	Jones	Roberts
Number in family	4	5	6
Number attending private college	1	1	2
Gross income	\$18,000	\$31,000	\$55,000
Assets (including home equity)	\$25,000	\$45,000	\$55,000
Parental contribution expected by Colby	\$ 1,700	\$ 3,700	\$ 5,650
Student summer savings contribution	\$ 1,000	\$ 1,000	\$ 1,000
Total family contribution (parent and student)	\$ 2,700	\$ 4,700	\$ 6,650
1982-83 dependent residential budget, plus travel	\$11,500	\$11,500	\$11,500
Need determined by Colby	\$ 8,800	\$ 6,800	\$ 4,850
Aid award job loan grant	\$ 900 \$ 1,700 \$ 6,200	\$ 900 \$ 1,700 \$ 4,200	\$ 900 \$ 1,700 \$ 2,250
Total worth of aid award	\$ 8,800	\$ 6,800	\$ 4,850

Caution: These figures are designed to illustrate sample cases using only a few basic financial facts. They assume a two-parent family, one member working, and no unusual medical expenses, indebtedness, or tax-deferred income.

tional programs rather than on the financial aid awards.

Like many other private colleges, Colby cannot offer financial aid to every student who demonstrates need. Each year a small number of applicants are accepted, qualify for aid, but are not offered assistance. Known as "admit/deny" students, they decide whether to attend with full knowledge that no aid is available to them. The decision whether to attend remains theirs.

While college officials dislike having to deny aid to qualified students, the alternatives are even less inviting. Two other options used by some private colleges are to simply deny admission to students the college believes it cannot aid or to offer partial awards to a greater number of students.

The first option is thoroughly unacceptable to Colby. "How can we refuse to admit a candidate who, in all other respects, is qualified to join the student body?" Weaver asked. "Such a course assumes perfect knowledge of need and fails to recognize the elasticity in family financial planning." Many admit/ deny students manage to secure necessary funds and proceed normally through their four years at Colby, he added.

The aid director believes partial awards to a greater number of students does not comprise a desirable solution either, because once a commitment to assist a student is made, it should be an award of realistic and genuine value. "A quality student aid program is vital to a highcost college of Colby's caliber," he explained. "Our competitive admissions posture requires nothing less. We want to aid the student with the long view in mind."

The amount of indebtedness a student can incur over four years is of particular concern to the Colby financial aid staff. In relation to a recipient's total assistance, Colby consistently asks students to borrow less than do many of its peers. Average indebtedness is considered in light of a student's ability to repay, based on projected earnings after graduation. Colby is also careful to confine student borrow-

Income Range*	Number of Aid Recipients	Total Aid	
\$ 1- 5,000	20	\$ 124,423	
5,001-10,000	26	152,100	
10,001-15,000	30	166,650	
15,001-20,000	45	246,600	
20,001-25,000	68	346,203	
25,001-30,000	79	340,068	
30,001-35,000	96	386,971	
35,001-40,000	75	294,062	
40,001-45,000	54	147,874	
45,001-50,000	38	89,300	
50,001- up	44	70,942	
Totals	575	\$2,365,193	

 Table 2

 1981-82 Colby Aid Recipients by Gross Income

*Of the families receiving financial aid from Colby, 79 percent have gross incomes greater than \$20,000, and they receive 71 percent of all Colby aid.

ing to a single loan source, thus avoiding problems with multiple monthly payments and potential default. Graduates can be proud that Colby's default rate is only 4.5 percent, or one-quarter of the national average.

During the current year, 575 students received grant, loan, and job support directly from Colby that amounted to over \$2.365 million in aid (see Table 1). These same students received \$1.485 million in additional support that originated outside of the college but was administered by the financial aid office, bringing the total aid to the 575 students to \$3.85 million, or an average of \$6.695 per student.

The financial aid office also administered Guaranteed Student Loans and community scholarships to 775 other families. Including these monies, Colby handled more than \$5.65 million for 1,350 students, or 81 percent of the entire student body.

Current federal policies affecting higher education aid programs forecast a bleak picture for many private colleges. Colby currently benefits from \$642 thousand in direct federal support but is bracing itself for a potential loss of \$203 thousand, or a 32 percent reduction in federal aid, for the 1982-83 year. The outlook for 1983-84 is even more severe. Initial estimates project a 67 percent reduction from current-year levels.

In addition, most of the students who receive no support directly from the college do rely on federal Guaranteed Student Loans for part of their finances. Again the prospect of tighter restrictions concerns both parents and college officials.

Colby has implemented several measures to counteract the imminent federal reductions. The board of trustees has approved a 22 percent increase in the financial aid grant budget for the coming year, which will mitigate the impact of reduced federal support and rising college costs on the student and family.

Another Colby initiative is the Parent Loan Program. It is designed for families that may not qualify for conventional financial aid but may rely heavily on some form of loan to spread payment out over a number of years. The Parent Loan Program should substantially ease the financial strain of college expenses.

As a third step, Colby is adding eighty-five new positions to the campus employment program. Administrative Vice-President Stanley Nicholson recently commended the expansion, saying, "It is important to have students perform some of the functions of the college. More jobs are being designed with responsibilities. For example, jobs in the computer center or as administrative interns will benefit both the student and the college."

College officials hope to maintain a quality financial aid program through enactment of the increased aid budget, the Parent Loan Program, and the expanded work program. When asked what financial aid prospects were for the year 2000, Mr. Weaver predicted, "I think even greater family sacrifice-perhaps a genuine re-ordering of priorities-will be the order of the day, and parents may be paying for college in the way they now pay the mortgage: longer term loans with creative repayment provisions that spread the burden out over time. The concept of who is eligible will be redefined, and eligibility may even revert to the old notion of 'scholarship'."

STREEDE

Sources of Financial Aid

COLBY DRAWS FROM A NUMBER OF sources for funds to assist students and their families in meeting college costs. The major financial aid resources available to students are listed below.

Grants

Unless otherwise specified, all grants are considered part of the financial aid award made by Colby on the basis of need.

College Grants: Funded through the generosity of alumni, friends of the college, and foundations, these gifts and endowments comprise the bulk of grant awards from Colby. Some grants are restricted, whereas others may be awarded at the discretion of the college.

Pell Grants: Formerly known as Basic Grants, these are federally funded and administered. Colby is notified of the amount of an award to one of its students and incorporates it into the college aid package.

Supplemental Educational Opportunity Grant (SEOG): Although this program is federally funded, grants are awarded and administered by the college.

State Scholarships: These are funded and awarded by individual states, which inform Colby of the awards. The college then incorporates the award into the total aid package for the individual.

Local and Community Scholarships: Merit, rather than need, is often the basis of these awards. The college applies the larger part of the award to reduce the student's loan debt, returns part to the parent, and uses the remainder to decrease the amount of grant money offered to the recipient by Colby.

Loan Programs

Colby administers all loans, but funding sources vary. Some programs require evidence of need and are part of the financial aid package offered; others are available to all students or parents.

National Direct Student Loans (NDSL): Offered to the neediest students, these \$1500 federally funded loans allow for deferred repayment at 5 percent interest.

Colby Student Loan Program: This is a small loan program based on need, funded and administered by the college, which allows deferred repayment at 7 percent interest. Amounts range from \$500 to \$1,500.

Guaranteed Student Loans (GSL): Privately funded, usually by banks, these \$2,500 loans are administered jointly by the college and the bank. Need is considered, but is not the sole determinant. Deferred repayment is allowed at 9 percent interest. Colby Parent Loan Program: Beginning in 1982-83, the college will fund this program aimed at middle- and upper-income families. Repayment at 9 or 11 percent interest is not deferred. (See the accompanying article for details.)

Parent Loan for Undergraduate Students (PLUS): A federal program funded by banks for parents of any undergraduate, independent, or graduate student, this program provides \$3,000 loans at 14 percent interest with no deferred repayment. Some states are not participating in this new program.

Employment

Nearly all financial aid packages awarded by Colby include on-campus jobs worth \$900. Upperclassmen are expected to work ten hours per week, and freshmen, five hours per week. Jobs are available all over campus, from the fieldhouse to the administrative offices.

College Work-Study: Federal funds provide for these collegeadministered jobs.

Regular Employment: Supported directly by the college, these jobs are

otherwise the same as work-study positions.

Off-Campus Employment: A student may elect to provide his or her employment contribution to the financial aid package by working off campus. These jobs currently are not arranged or funded by the college, but plans are underway to provide assistance in locating offcampus employment in the Waterville area.

New Loans Available

A NEW PARENT LOAN PROGRAM, which will provide from \$1,000 to \$5,000 per year to qualified families, was approved by the Colby Board of Trustees at its January meeting. Parents whose combined annual gross income is less than \$80,000 are eligible to borrow up to \$5,000 per year or, if the student has also received a conventional financial aid award, the amount of the "parental contribution," up to a maximum of \$5,000 per year.

Although interest rates will be subject to change, it is Colby's intention to maintain rates that are below commercial levels. In the first year, loans will be issued at 9 percent on an eighteen month repayment schedule and at 11 percent on a twenty-four month repayment schedule.

A single agreement will be made for the total amount to be borrowed during the student's Colby education. For example, assuming a constant interest rate in each year, a \$5,000 per year loan agreement for a freshman borrowing a total of \$20,000 would require seventy-two monthly payments of \$320.34; for a junior borrowing a total of \$10,000, thirty-six payments of \$302.91.

The financial aid office estimates that 15 percent of the parents whose sons and daughters attend Colby will take advantage of the new loan program during the first year.

New Horizons in Immunology

Michael A. Lynes '75 is a senior postdoctoral fellow at the Center for Laboratories and Research, New York State Department of Health, Albany, New York. He received his doctorate in genetics from the University of North Carolina at Chapel Hill in 1979. In 1981, he was named as an instructor at the Albany Medical College. This article is based on a seminar that Dr. Lynes presented at Colby in October, 1981.

The MAIN LINE OF DEFENSE AGAINST INFECTIONS AND some types of malignancy is the immune system. While the study of the immune response is a relatively new field of research, many exciting advances have attracted the interest of the medical and scientific communities. One such advance, a recent breakthrough in the production of antibodies, has tremendous applications in research on diagnosis and therapy of diseases, including cancer, and immunization against them.

Antibodies are protein molecules that combine with antigens, or foreign molecules, that have entered the body. Antigens can be free or part of bacteria, viruses, malignant cells, or normal cells. Different antigens induce different antibodies. Thus each antibody is said to be specific, and it only binds to a single characteristic place on the antigen. In any person, tens of thousands of antibodies against different antigens can be generated and, at any time, many of these antibodies are circulating in the blood.

Circulating antibodies are generally not capable of binding to substances normally found in a healthy person, but rather are present because the immune system has been stimulated with foreign, "non-self" molecules. When all is functioning normally, material recognized as "non-self" is attacked, destroyed, and expelled. If these defenses are overwhelmed, if the immune system fails to recognize a foreign molecule, or if antibodies mistakenly attack "self" components, disease results. Our knowledge of these defenses has numerous medical applications. Antibodies are widely used in diagnostic tests to detect foreign antigens. Tests for influenza viruses, for example, have been developed to identify the specific type of virus infecting a patient. Antibodies have also been utilized in forms of immunotherapy. Ultimately an understanding of antibodies should enable us to manipulate the immune system so that responses to undesirable foreign antigens, such as those that reside on bacterial or malignant cells, are enhanced, and responses to "self," such as those seen in autoimmune diseases, or responses to tissue grafts are reduced.

Because ethical and practical considerations limit the availability of people willing to be immunized and bled, animals immunized with the particular antigen were the primary source of antibodies until recently. There are, however, several serious drawbacks to serum antibody use, including limited purity. The many thousands of different and irrelevant antibodies that co-exist in the serum with the desired antibody not only tend to confuse diagnostic and experimental test results, but also vary with each animal immunized. Furthermore, an overwhelming impediment to the use of serum antibodies in human immunology is that animal antibodies themselves are recognized by their human counterparts as foreign, thus losing their therapeutic value.

A method of producing pure antibodies in tissue culture recently circumvented the problems presented by serum antibodies. Drs. C. Milstein and G. Kohler devised a way to fuse the antibody-producing cells with a myeloma cell line, a tumor that originally had been a normal antibody-producing cell. The result of such a fusion is a hybridoma (hybrid = compound, oma = tumor). Since the hybridoma has characteristics of both normal and tumor cells, it can secrete antibodies and can grow forever in the tissue culture. By isolating a single hybridoma cell that produces a desired antibody and growing it in tissue culture, the antibody secreted into the culture will be monoclonal, or pure, and available from an immortal and unlimited source.

The horizons of immunology vastly broadened with the development of the hybridoma process. Mono-



clonal antibodies to molecules on malignant tumors have already found use in experimental modes of diagnosis and therapy. In addition to the use in simple in vitro tests to diagnose the presence or absence of a molecule characteristic of a malignancy or infectious agent, monoclonal antibodies are now being screened for use in immunotherapy. Radioactive monoclonal antibodies have the potential of pinpointing malignant sites for later surgery, since the reagents will home to the cancer and can be detected by whole body scans. Alternately, poisons can be attached to the monoclonal antibody, which will concentrate at the sites of malignancy and specifically kill the cells to which they attach. The adverse side effects of poisonous drugs can be greatly reduced by selective treatment of the malignant cells with such drugs.

In experimental research, monoclonal antibodies have revolutionized immunological techniques. Monoclonal antibodies that react with molecules found on normal cells are being produced, enabling scientists to identify different types of immune cells that do not have differences visible under a microscope. Researchers, after deleting cells that bear a characteristic molecule from a mixture of cells, can then examine the immune functions of the remaining cells and infer a connection between deleted cells and the lost functions. Such experiments may lead to new forms of immune system manipulation for the benefit of the patient.

Other avenues of biological research paved by monoclonal antibody technology rely on its application to isolate quantities of specific molecules. If monoclonal antibodies are permanently attached to an insoluble surface, and a solution containing the complementary molecule is added, incubated, and then washed away, only the molecules bound to the antibody will remain. Gentle dissociation of these molecules from the antibodies will yield a many thousandfold purification of the molecules. Interferon, a molecule that has received media attention as a treatment for certain types of cancer, has been purified by this technique.

Work in our laboratory is concerned with the study of mouse lymphocyte antigens: their inheritance, biochemistry, and selective representation on functionally distinct subsets of cells. This research was originally interesting because of its potential utility in matching donors and recipients of transplanted organs. More recently, however, it has been clear that studies of this kind elucidate the development of the lymphocyte and the interactions of different subsets of lymphocytes. We use monoclonal antibodies in a variety of ways in efforts to understand the development of the mouse's immune system and the transformation of normal immune cells into malignant leukemias, lymphomas, and other forms of cancers. Genes control many aspects of the immune system, ranging from an animal's susceptibility to malignant disease to the control of molecular characteristics of antibodies. A better understanding of each gene's contribution to the functioning immune system will help us understand the interplay of these genes and how manipulation of one gene may lead to a change in immune system behavior. New techniques of gene cloning and recombinant DNA may someday enable us to replace defective immune system genes or to render them nonfunctional.

While knowledge of many aspects of the immune response is still sketchy, our understanding of this area is growing daily. The fundamental laws of immunity have been established, and current research is concerned with defining the cellular and molecular basis of immunity. The research is exciting and holds great promise for the future.

Harry Rowland Carroll, 1924-1982

HARRY CARROLL, NATIONALLY RESPECTED AS AN expert in the art of college admissions, died January 18. He was fifty-seven and had been dean of admissions at Colby since 1964.

A man of infectious good humor and uncommon good sense, he had earned for himself—and for Colby —legions of friends in all parts of the country. Many were young people. Over the past seventeen years, he had personally examined each and every file of some fifty thousand applicants and had chosen for admission nearly seven thousand freshmen.

He not only understood young men and women and could develop an instant rapport with them, but he also possessed an uncanny ability to measure their potential. A consummate professional, he truly enjoyed his work; often when he had finished a day at Colby, he would counsel the college-bound sons and daughters of friends and acquaintances in Waterville.

A memorial service in Lorimer Chapel was conducted by the Reverend David Glendinning of St. Mark's Episcopal Church in Waterville. Participants were President William R. Cotter; President Emeritus Robert E. L. Strider II; George Coleman, registrar; R. Mark Benbow, Roberts Professor of English; and John W. Vlandis, director of admissions at the University of Connecticut and president of the National Association of College Admissions Counselors.

In recognition of his devoted service to the New England Association of College Admissions Counselors, its governing board has renamed its distinguished service award in his honor. He had been a recipient of the award some years ago. The New England Regional Assembly of the College Board, to which he had given professional leadership for years, also paid special tribute to him at its February meeting.

I'd like to be the sort of friend that you have been to me; I'd like to be the help that you've been always glad to be; I'd like to mean as much to you each minute of the day As you have meant, old friend of mine, to me along the way.

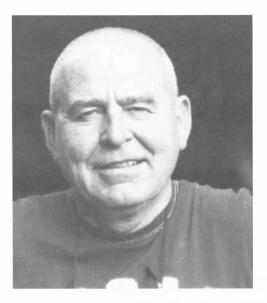
I'd like to give you back the joy that you have given me, Yet that were wishing you a need I hope will never be; I'd like to make you feel as rich as I, who travel on Undaunted in the darkest hours with you to lean upon.

I'm wishing at this [very] time that I could but repay A portion of the gladness that you've strewn along my way; And could I have one wish this year, this only would it be: I'd like to be the sort of friend that you have been to me.

> from "A Friend's Greeting" by Edgar A. Guest, read at the memorial service by John W. Vlandis

"During those years in the sixties and into the seventies, a good part of the lustre that came to Colby as it grew in stature and was more and more widely recognized as a 'center of excellence'... was owed to Harry Carroll."

> ROBERT E. L. STRIDER II President Emeritus



HARRY ROWLAND CARROLL WAS BORN JULY 11, 1924, in Plymouth, N.H., the son of Harry Rowland Carroll and Albina Hill Carroll Currier. He graduated cum laude from the University of New Hampshire in 1949 and, the following year, received a master's degree in psychology. During World War II, he was a staff sergeant with the U.S. Army Air Corps, assigned for twenty-six months to overseas duty. He held a variety of administrative positions at the University of New Hampshire and, in 1957, became director of admissions, a post he held until his appointment at Colby.

He was an active member of a number of professional organizations and was past president of the New England Association of College Registrars and Admissions Officers and the New England Association of College Admission Counselors. He served on the board of directors of NEACAC and of the Private College Admissions Center in Washington, D.C.

Gordon Burr Jones, 1918-1982



GORDON BURR JONES '40, A MEMBER OF THE COLBY Board of Trustees for more than two decades, died at age sixty-three on March 3 in Needham, Mass., following a long illness.

Past president of the Boston Colby Alumni Club, he was originally elected to the board in 1959 as an alumni trustee and was a trustee at the time of his death. He was a key individual in six fund raising campaigns, and served on several board committees, including the executive, nominating, and investment committees. He was chairman of the latter for fifteen years. An undergraduate hockey player and lifelong fan of the sport, he was an integral force behind construction of the hockey arena. When presenting him with the honorary Doctor of Laws degree in 1976, then President Robert E. L. Strider II said: "... Gordon Jones has devoted his apparently limitless energies primarily to three enterprises: his family, the John Hancock Mutual Life Insurance Company, and Colby College. Considering the extraordinary time and effort he has given to his college, one must wonder how he has found any time at all for the other two." His dedication to his alma mater was also honored with the "C" Club Man of the Year award in 1955 and with a Colby Brick in 1959.

After graduating Phi Beta Kappa from Colby, he earned his master's degree from Harvard Business School in 1942. A U.S. Navy veteran of World War II, he joined the John Hancock company in Boston as an investment analyst in 1948, and become executive vice-president for finance twenty years later. Before retiring in 1981, he had served on John Hancock's executive committee, as chair of the finance and investment policy committees, and as director of several investment subsidiaries. He was also director of the Raytheon Company, the Jeffrey Company, and the Seiler Corporation.

He and his family are firmly rooted in the history and growth of Colby. A gift from him and his wife, Geraldine Stefko Jones '41, in honor of his father, Burr Frank Jones '07, is commemorated on a plaque in the Bixler Art and Music Center. Four of his children, Carol Jones Heil '68, Gordon B., Jr., '72, Valerie Jones Roy '77, and Randall B. '79, attended Colby. He is survived by his wife, six children, and one grandchild.

Class Correspondence_

G. Cecil Goddard '29, China, + Maine, who has long been active in the First Baptist Church in Waterville as trustee, deacon, and moderator, has been elected life deacon. Cecil and Nelson W. Bailey '28, China, are active members of SCORE. This organization includes retired businessmen who serve as volunteer advisors to the business community . Colby alumni honored for 50-year membership in Waterville Lodge of Masons during 1981 are: Howard Ferguson '31, Newtonville, Mass.; Carroll McLeary '31, Palm Harbor, Fla.; and Ashton Hamilton '28, Cumberland Foreside, Maine. Carroll was superintendent of buildings and grounds for many years • Frank Kleinholz '23. Port Washington, N.Y., was honored on his

80th birthday by a major exhibition of his paintings, drawings, and ceramics sponsored by the Port Washington public library's art council. Frank has had a career in law as well as in art. The Port Washington News describes him as "youthfully effervescent as ever" . Edna Chamberlain Nelson '22, South San Gabriel, Calif., is the author of a book entitled The Magnificent Percheron, She and her husband, James, operate the Wagon Wheel Ranch in South San Gabriel . Robert W. Scott'29, Unity, Maine, reports that January was a "lost month" for him because of illness. A guick recovery, Bob . The late Charlotte Gilman '18, Augusta, Maine, left a bequest (among several charitable bequests) to the Class of 1918 scholarship fund. She also remembered a number of young people who had befriended her. This will make it possible for them to continue their educational pursuits . John H. '21 and Ruth Harlow Tobey '21 celebrated their 60th wedding anniversary last fall at their home in Brunswick, Maine. John is a retired accountant and Ruth was a chef at Bowdoin. They have two sons, Alfred of Portland and William '44 of Woburn, Mass. . Donald O. Smith '21, Waterville, Maine, has the honor of being the first investment man in the city to have access to a seat on the New York Stock Exchange. This came about through his appointment as vice-president of a Boston-based brokerage firm which purchased his local business. Donald recalls that tuition at Colby in his time was \$150 per year • Blanche Farrington '14, Caribou, Maine, now resides at the Caribou Nursing Home. She taught for many years in the schools at Ashland, Houlton, and Caribou • Clarence W. '28 and Helen Wyman Gould '28, Ipswich, Mass., celebrated their 50th wedding anniversary last June • Harold E. Hall '17, Hebron, Maine, author of the History of Hebron Academy, was featured in a Norway Advertiser Democrat story of his WWI experiences with the American Expeditionary Force in 1918. Since he arrived in Europe after hostilities ceased, he indicates that his worst experience was the "miserable trip home" • My Christmas correspondence included a note from David F. Kronguist '29, Fort Meyers, Fla. He is one of those lucky ones who absorb Florida sunshine all year • E. Richard Benson '29 also wrote to say that, in somewhat less than robust health, he hibernated in Southbury, Conn., during the winter Your correspondent will try to do a timely summary of activities if you will mail your news and clippings directly to my address or to the office of alumni relations.

Correspondent: ERNEST E. MILLER '29, 218 Pickett District Rd., New Milford, Conn. 06776.

It seems that this will be the last letter we shall have as a class. After June, we'll be part of the 50-Plus group. How time has flown, and when I read on Christmas cards that people like Irene Tardiff Quirion have grandchildren getting married, it really seems that a lot has happened in these 50 years. I have two grandchildren graduating from high school, one in Albuquerque and one in Bangor, the latter-Vance Trefethen, great-grandson of the Professor Trefethen of our day-having just won a Shell Scholarship of \$1500 for his first year at the University of North Carolina. He was one of two who were picked from the state of Maine • However, I don't think there are any flies on the members of our class as I can see by previous reports-everyone still seems to be busy with jobs or volunteer work or heloing take care of families. I guess we were a hardy stock. Hang in there, and we'll be hoping to have a good crowd at the reunion in June. I hope that if you have any suggestions for our class gift or for conduct of the reunion activities, you will let **Henry Rollins, Doug Allan**, or me know, as suggested in **Jim Fell's** letter of last December. Let's make this one to be remembered. See you in June.

Class secretary: GWEN MARDIN HAYNES (Mrs. William), Oakwood Manor, 5 Red Maple Terrace, Sarasota, Fla. 33577.

Class secretary: MYRON J. LE-VINE, 45 Bonair St., West Roxbury, Mass. 02132.

Can it be possible that it will really be springtime in Maine when these notes reach you? Don and I hope we will have survived what the media sometimes facetiously refer to as "cold snaps" and, at other times, describe in such awesome prose as this: "The rigors of winter play a major role in the building of civilizations. When the problems of survival are the major imperative we do our best." Whichever! For us at the lake, the situation was simple. We just spent the days of winter trying hard not to be gone-with-the-wind, buried in a snowdrift, or even flattened by an earthquake • Portia Pendleton Rideout sent a most welcome letter. Some of the highlights of her year were a five-week visit on the West Coast with daughter Marilyn and son Ralph, two summer trips to Canada with her husband, Frank, to visit his family, and work for her church in the choir, Sunday school, and on the educational committee. Portia sounds happy in semiretirement, and loves life in New England . Frances Palmer, too, enjoys the Boston area in her retirement. She keeps busy with church choir, women's associations, the study of French, and symphony concerts. Frannie also enjoys her hobbies of knitting, crocheting, and bird watching . You will be happy to hear that Carleton '33 and Louise Williams Brown were both making good recoveries from

MATTER OF WILL POWER_

Leora E. Prentiss '12 joins the ranks of those loyal alumni whose names are permanently inscribed in acknowledgment of their thoughtful and generous support of Colby students. Proceeds of \$4,280 from a gift annuity established in 1971 have created the Leora E. Prentiss Financial Aid Fund in memory of her parents, Laforest E. and Kathryn Mitchell Prentiss, to assist students of French who are residents of Benton, Fairfield, or Waterville, Maine.

Miss Prentiss, born in 1886 in Troy, Maine, died in November, 1981. Retired in 1956 as a French teacher, she had been head of foreign language departments at Freedom Academy and Gardiner, Sanford, and Cony high schools. Her other achievements include service as vice-president and president of the Maine Retired Teachers Association, state director of the National Retired Teachers Association, and member of the National Honor Society of Teachers. In 1962 she was awarded a Colby Brick and, in 1964, a Colby Gavel. In 1971 Miss Prentiss served as a delegate to the White House Conference on Aging and was appointed to the National Committee on Consumer Affairs.

In this, her 70th reunion year, Colby acknowledges with gratitude her life-long involvement with students and is proud to perpetuate the name of Leora Prentiss as an enduring tribute. November surgery in Clearwater, Fla. Carleton wrote that their younger son, Douglas, is now performing a lot of orthopedic surgery at the Maine Medical Center in Portland, Their daughter, Susan, and her family also live in Portland, Now Louise and Carleton have taken a Portland apartment as a "stand-by pad," which sounds great for them all • I am sorry to report that our classmate, William J. Chapman, died November 8, 1981, at the age of 70. Bill was the retired president of the Chapman Fuel Company. His wife wrote that he often spoke to her of the happy times at Colby. We will miss this special friend, and we send kindest thoughts of sympathy to Peg • George Mann reported unheard-of sleet this winter in Houston, Tex. He and Brooksine drove through New England in the fall to view the foliage. In Maine they enjoyed Boothbay Harbor and Bar Harbor, which George last visited about 1933 with Harold Plotkin and Nat Alpers. (The Manns wondered if snowmobiles were finally permitted in Baxter State Park. They are, by order of the Park Authority, which evidently can override the sanctity of a will.) At the end of January, George and Brooksine, along with about 30 others from their Museum of Natural Science, were planning to sail down the coast of Baja, Calif., on a fishing vessel, to a place called Scammon Lagoon. There the gray whales congregate on the way to their calving grounds. The plan is to ride about among these mammoth creatures in little rubber dinghies . A "thank you" to B.Z. White Morse, who sent me an Annie Tuck Russell photo of our Colby gals' reunion of last summer, which was held at the home of Harriet Pease Patrick in Saco, Maine. Of course we all look smashing in it . Thank you also to those who sent these news items. We would really be happy to hear from the rest of you classmates, too. How about it?

Class secretary: PEG SALMOND MATHESON (Mrs. Donald), Lakeview Dr., China, Maine 04926.

Holiday season mail provided varied data for this column. A beautiful Christmas card from Marie Duerr Henry, Worcester, Mass., featured the Wayside Inn Grist Mill at Sudbury, Mass. • A religiously-oriented card bearing a Harrisburg, Penn., postmark disclosed that Beth Pendleton Clark "finally finished a long and difficult interim church assignment." She planned "to take a break before accepting another one." Holidays in Maine with her son, John, and grandchildren were scheduled • Sorry to report that Margaret Duerr Hill lost her husband last June to a heart attack. She lives with her son, Tom, at 16 Plymouth Street, Arlington, Mass. Her daughter, Nancy, resides in Topsfield, Maine. "I now have two greatgrandchildren-a boy and a girl" • A greeting card from Ray Binkowski verifies that he's alive and still at 31 Charles Street, South River, N.J. • A mid-December note from Ellen Dignam Downing, Chevy Chase, Md., mentioned a five-inch snowfall in Washington, D.C., "beautiful to look at, but presents problems to the city. They haven't learned how to cope after all these years" . A nostalgic Christmas

postcard from Barbara Gauthier Ewing, East Falmouth, Mass., depicted a snowbound scene reminiscent of New England • Dana laquith and wife Mary, of Barrington, R.I., had "a busy year. We took a trip to Williamsburg in the spring and also visited Warsaw, Va. We see Jimmy '32 and Dorothy Fell occasionally. We particularly enjoyed the Boston Colby Alumni Association party at the Dedham Holiday Inn About 400 attended Saw several classmates" • A note from Unity, Maine, indicated that Joe Stevens and wife Mary "are going to spend the winter here. It will be our first" . Wilfred R. Kelly, Waterbury, Vt., wrote that their "apple crop this year was a little less than half what it was in 1980. Our efforts are bent toward coping with that. I enjoy getting the news in the alumni publications. Hope to send a contribution" • Blanche Silverman Field. Brookline, Mass., at year's end expressed hope for my complete recovery from November surgery. "In my book there is a page of fond memories of the 45th Colby reunion. I want to see you and Bunny at the 50th" . Larry Dow, Belfast, Maine, "took an 80-day round the world Pan Am flight" during 1981. "This year I expect to see some of the U.S.A., to include Florida, Arizona, New Mexico, and Texas. I travelled to Hawaii, New Zealand, Australia, Japan, Hong Kong, Red China, India, Austria, East and West Germany. Not bad for an old country boy!" . Phil Krawiec, Saratoga Springs, N.Y., has thoughtfully obliged me with a copy of a psychological publication he edited. The book showed great scholarship and workmanship. An accompanying note emphasized that "this year was a banner one academically-speaking, even though I have been retired since 1978. Three lectures. Three publications" . J. Warren Bishop, Falmouth, Maine, added a note to his class agent letter, saying, "Happy New Year from the land of snow and ice! We enjoyed that beautiful card you sent. Your notes in the alumni magazine have been great" • Marty O'Donnell, Norwood, Mass., learned from visits to other countries that "America is looked up to because of its standard of equality. Everybody is the same. I think Colby put that into practice" . Gordon "Felix" Patch Thompson, Clearwater, Fla., succeeded Carleton Brown '33 as president of St. Petersburg's Colby Club. Aided by Carleton and Paul Palmer '37, Felix was in charge of the annual luncheon project slated there for late February . Ronnie Williams and Ed and Winnie (White '36) Houghton, Florida winter residents, expected to attend. Felix and wife Maude spent three weeks last June in Portugal, Spain, and Morocco . John Ward was in St. Croix at his condo for the winter . Several in the class have address changes according to the alumni office. Consequently, my seasonal greeting card was delayed in reaching them. My thanks to all for writing. Best wishes and regards!

Class secretary: MAURICE KRINSKY, P.O. Box 630, Houston, Tex. 77001.

36 Class secretary: AGNES CARLYLE HADDEN (Mrs. Frederick C.), 15 Pequot Rd., Wayland, Mass. 01778.

Thank you for the personal news received from many of you-not a majority, but a fine representation. We are limited to one and a half doublespaced pages per issue so I am forced to set aside much until the May 1st transmission • All eyes must be focused on our 45th anniversary to come. I am mindful of the recent loss of classmate Roland Gammon and others, so. risking a classification of morbidity, I urge all to do his/her best to attend this reunion which could be a final return. Our class president, Wayne Sanders, wisely has selected Kye Pinette Zukowski to act as our chairperson. Plans are now being made by her, class volunteers, and the alumni office for a diversified program. Help make it a gala weekend with your support . Willard Libby bounds back and forth between daughter Louisa, a lawyer in Los Angeles, and son Lowell '77, a staff member of Upward Bound at the University of Maine. Willard is now retired from the executive ranks of Eastman Kodak

Colonel Stan Washuk has been retired since 1965. Stan has two sons: David manages the Prudential Insurance office in Tucson, Ariz., and Daniel is an X-ray technician for Phillips Medical in England. A grandson was born last summer • As this is written. Lawrence Robbins and wife are off for two months in Arizona. Larry has been retired for three years and has three children and nine grandchildren • Esther Marshall Pandolf has retired in Waterville • Kve Pinette Zukowski will retire in June from the Colby faculty. She and Walter will spend much of their time at their lovely cottage at Owls Head • Jane Tarbell Brown resides in Cropseyville, N.Y., and teaches literature at nearby Troy (N.Y.) Senior Center. Her husband, Win, retires in 1983 • Our prexy, Wayne Sanders, retired in 1980 and engages in consultative work. He and his wife. Betty (Herd '38), have three daughters and two grandchildren. They made an extensive tour of the Canadian northwest last year • Margaret Libbey Darlow and her husband are retired in China, Maine. They visited Switzerland and England last year • Eleanor Barker McCarger has her portrait-painting salon in Victorville. Calif. She received the "Distinguished Alumnus in the Arts" award at the University of Maine last year, a nationwide competition sponsored by the American Association of State Universities. Congratulations, Esther • Edmund L. Barnard maintains his 30 acres of blueberry cropland. He enjoys (and well he might) his 1500-foot frontage on the Atlantic at Belfast, Maine. He has 30 cords of firewood set aside to "beat the Arabs at their own game" • Ruth Yeaton McKee holds forth in East Boothbay, being visited by many Colbyites in this most popular of Maine's seacoast areas. Her three children and one grandson keep her active and cause her frequent peregrinations . The last of your writer's five children, Fred II, was married recently . One final exhortation. Let's all come to Colby this lune and enjoy a bang-up good time. We might even have a New England boiled dinner. How about that!

Class secretary: FRED G. DEMERS, P.O. Box 4641, Clearwater, Fla. 33518.

Class secretary: MRS. WILLETTA HERRICK HALL, Quimby Pond, Rangeley, Maine 04970.

Class secretary: MARGARET A. WHALEN, 98 Windsor Ave., Augusta, Maine 04330.

Julia Wheeler Morton, after living in Waterville a total of 40 years, has moved to Livingston, N.J., to

be near her daughter and grandson. She retired from the Colby food department in December, 1980, after eight years there, and has become active already in Livingston in the American Legion Auxiliary and Rebekahs and serves two senior citizens' groups. She visits Maine as often as she can and last summer exposed her year-old grandson to the lovely Colby campus . Prince Beach is professor of urology at Baylor College of Medicine in Houston. He has no immediate plans for retirement, travels often on medical business and summers on Messalonskee Lake in Maine. He says his other activities are boat watching, golf, and photography . Lin and Jo (MacMurtry '41) Workman have retired from teaching after 38 years and are enjoying a very busy life. They have a summer home in New Harbor, Maine, and live in Woodville, Mass. Their two sons, each with two children, live in Ohio and Florida. Lin mentions his activities as gardening, hiking, skiing, boating, all in season, and woodworking and singing in his church choir · Peg Johnson Kenoyer does seem to lead a spirited and interesting life these days. She and her husband now go to Boynton Beach, Fla., October 1st each year and return to Maine June 1st. In her "off season" she escorts groups to Europe, and just this past fall led a group of 26 to Scandinavia. She says the genealogy bug has hit and she has spent many hours with much success. She is driving for the Meals on Wheels program in Maine. Their three bachelor sons all live in Fort Lauderdale the year round. Daughter Judi '71 and her husband have adopted a child from Lima, Peru, so Peg has a grandchild. The latchstring is out in both Maine and Florida for any Colby visitors. and that goes for me, too, here in central Florida.

Class secretary: RUTH HENDRICKS MAREN, 2201 Northwest 21st St., Gainesville, Fla. 32605.

As I sit here writing our class news, looking out at my deeply snow-covered back yard sparkling in the frigid winter sunlight, I recall the many classmates who gathered together last June for our 40th reunion. Among them were John Daggett and his wife, Natalie (Mooers '42). It was great to hear from them in response to my appeal for news. They hope to make Natalie's 40th this June, coming all the way from Meguon, Wis,, where John is a sales representative with no thoughts yet of retirement. A special event for the family was daughter Susan's second marriage, to a family friend • John Hawes wrote that since retiring from teaching in 1976, he spends his time between his permanent home on North Pond in

INAUGURATIONS_

Periodically, Colby is invited to send a representative to special academic events at colleges and universities. The following people have represented the college at various inaugurations in past months.

Elizabeth Wilkinson Ryan '37, inauguration of Bernard Warren Harleston as president of the City University of New York.

C. Freeman Sleeper '54, inauguration of Paula P. Brownlee as president of Hollins College.

Smithfield, Maine, and California where he has two grown children. He travels, as he says, "like a turtle" in his mini-motor home. He hopes to make our 45th. We'll be looking for you, John . Although Eleanore King Clark is retired, she keeps busy at home in Kennebunk, Maine, spending winters in California. Her three grown children's lives and interests fill her time too • It seems that Hazel Judkins Daughaday and her doctor husband, William (professor of medicine at Washington University School of Medicine in St. Louis, Mo.), are quite the travellers-to Australia and New Guinea last year and, they hope, to Nairobi next year. They enjoy their two children and three grandchildren • I also had word from Barbara Vannah Moore in Sandwich, Mass. Her husband, Robert, has retired, and they are spending this winter in Florida and plan to cruise on the Rotterdam to Bermuda in the spring. Barbara volunteers at Sandwich Glass Museum and Heritage Plantation . We have another classmate who has no retirement plans in sight, Wendell Starr, who enjoys his work as senior engineer at Raychem Corporation in California. (Aren't we a "still young in spirit" class?) He and his wife. Anna, and three grown children have many interesting things going, including travel. Last fall they spent a month in Germany and England, and next year they plan on visiting the Canadian Rockies and Yellowstone • Neither is Virginia Mosher ready to retire from her field of chemistry. She enjoys going back and forth between her home in Spartanburg, S.C., and Maine. Photography and bowling take up all her spare time. And "Jiggs" is quite the bowler! . Frances Willey Moses, from Calais, Maine, will retire from her nursing profession in April, but her minister husband's plans for retirement are not established as yet. They are converting a summer cottage into a retirement home. They have three children and seven grandchildren, including twins . I appreciated getting a response from Sidney Brick, who is a dentist in Meriden, Conn. He spent a month in the Orient a few months ago and has no immediate plans for retirement either . From Lisbon Falls, Maine, came Pauline Lander Higgins' letter to tell us that she has retired from teaching but still tutors. She and her husband, Earl '39, have four children, one of whom works in the construction business with Earl since he left teaching. They have visited Valley Forge and Amish country in Pennsylvania • Frances Decormier wrote that she too intends

to continue on-as development engineer/ manager for IBM in Tucson, Ariz. She regrets that she now has no cause for return visits to Turkey since her daughter, Karen, is now in California with her two daughters • James Daly is a banker in Seattle, Wash. (We know that area for we have a daughter who has lived near there for years, Jim.) He has a wife, Sally, and they have travelled to Hawaii and Palm Springs and enjoy golf and bridge • Ruth Stebbins Cadwell is still living in Hastings-on-Hudson, N.Y. I can remember visiting her there years ago. Remember, "Stebbie"? She and her husband, George, both enjoy retirement, which includes five married stepchildren and 11 grandchildren. They planned to visit her brother, Roger Stebbins '40, and his wife, Ruth (Gould '40)-a former roommate of mine in Foss Hall-in Hawaii in January of 1982. Class secretary: RUTH (BONNIE) ROBERTS

HATHAWAY (Mrs. Henry L.), 25 Graham St., Fitchburg, Mass. 01420.

2 Class secretary: PRISCILLA GEORGE MCNALLY (Mrs. Leslie), 11 Palmer Rd., Foxboro, Mass. 02035.

This short version of the column will serve to remind you to return the questionnaire which you will have received in the spring-or no news . We had a letter from her brother saying that June Donna has retired after many years in the Office of the Joint Chiefs of Staff at the Pentagon, lune also writes poetry and had five pages in the 1980 anthology, New Voices in American Poetry . In the latest list of "lost" classmates is Ruth MacDougal Sullivan. Some of you must have heard from Ruth, so please let the alumni office know . Also we request information about Jack Temmer (Dr. Marc) who was quite recently on the faculty of the University of California at Santa Barbara • And what about Dr. Robert Cornell, who was in Greenville, Maine, at one time? We were a small class and we don't want to lose track of anyone • Just a reminder that 1983 is our 40th reunion year and it's not too early to put a space of time on your calendars so that you can join us in Waterville. Ross Muir, whom I see occasionally, has many good memories of the 35th, so plan a Maine vacation for 1983.

Class secretary: ELEANOR SMART BRAUN-MULLER (Mrs. Albert), 115 Lake Rd., Basking Ridge, N.J. 07920.

I hope that you all had happy holidays and I wish you a happy new year. There is not much news this time • I had a letter in November from Patricia Berguist Donna's husband quoting the following article. "After serving 37 years in the office of the C. W. Hathaway Co. Waterville, Maine, seven as accounts payable supervisor, Patricia Berguist Donna retired August 1, 1981..., Before coming to Colby she taught school for three years in her native Stockholm, Maine." We all wish Pat a very happy retirement . Early in December the Rhode Island Colby Club had a cocktail party at the Club Casablanca in the arcade in Providence. It was so good to see Barbara White Haddad and her husband; Ronnie Lupton '43; Bob '46 and Harriet Glashow Singer '46; and Stan Frolio '47. Bob and Stan started with us in 1940, but the war was responsible for the later graduations . By the time you read this, spring will be with us and most welcome. Please let's hear from you all.

Class secretary: BARBARA BAYLIS PRIMIANO (Mrs. Wetherell), 15 Crossways, Barrington, R.I. 02806.

> Class secretary: MAURICE WHIT-TEN, 11 Lincoln St., Gorham, Maine 04038.

I don't know whether the winters are getting tougher or we're getting softer. But as another storm system is making its way toward the northeast, I find it is getting harder to remember the great anticipation we felt as children for winter's snows • I've heard from three of our loyal contributors. (What are the rest of you doing?) Gerry Fliege Edwards wrote that their retirement plans are in effect. Now that Bob has retired, they are spending summers boating and fishing in the state of Washington and their winters golfing and playing tennis in Palm Desert, Calif. Sounds like an enviable arrangement, doesn't it? They are looking forward to a trip to Alaska the first of the summer. Our very best to you both during your retirement. Their new mailing address is P.O. Box 1011, La Conner, Wash. 98257 • Fred Sontag, special assistant in the Office of Public Affairs in Washington, D.C., was commended by Secretary Pierce for his "diligent work and team effort" during some special reporting sessions and a news conference. Our congratulations as well. Fred • Reverend Benjamin Bubar has been busy with a series of talks throughout the state of Maine on behalf of the Christian Civic League of which he serves as superintendent. He talked about issues that confront the 110th Maine Legislature. Ben was the youngest member ever to serve in the state House of Representatives (1939-1944). Besides being a 1946 Colby graduate, he has studied at Howard College and Yale University. He is a former director of the Glen Cove Bible College and Christian Schools, was a delegate to the National Crime Conference, and served on the executive board of the American Council of Alcohol Problems. He was a candidate for president of the United States on the Prohibition Party ticket in 1976

and on the National Statesman Party ticket in 1980 (the new name of the Prohibition Party). We appreciate his commitment to a better way of life and are glad he is our representative to the alumni council.

Class secretary: NORMA TWIST MURRAY (Mrs. Paul), 28 Birdsall St., Winsted, Conn. 06098.

Since I offered to write the next two newsletters for the Alumnus. I will catch you up on the little information I have on class members and ask you to help me to add to this next time. Our 35th reunion is coming up this year and we are expecting the best reunion ever. Make sure you plan to come, too . In my Christmas mail a note from Dorie Meyer Hawkes reminded me of the reunion and their hope that many would be coming. She and Dick were expecting their whole family for Christmas, and hoped to see Carol Carpenter Bisbee '49 in the near future to celebrate birthdays together . Louise Kelly Rochester wrote that she is still teaching school and finds it busier than ever due to "Proposition 2½," but hoped to get together soon with Dottie Briggs Aronson '41. Dottie is also busier than ever researching on an M.A. thesis • Peg Horsch Lightbody '48 wrote that their kids have all moved out, and she and Harry '48 are left with the dogs. Harry spends his spare time splitting wood for the wood/oil furnace. Sounds like a full-time job this winter with the cold weather . Roberta Young said that she is planning a winter trip to Florida to visit her sister. I hope she finds warm weather . Nancy Burbank Allured wrote from North Carolina to say she wasn't sure about getting to our reunion. We sure hope she can make it • Harriet Nourse Robinson tried to help me with the list of lost alumni, but we didn't locate any of them. If you have any information on the following class members please let us know: Shirley Foster Bechtel, Joyce Curtis, Murray J. Gore, Ruth Warner Kilby, Jane Lee, Mary Walters McElhannon, Philip W. Sugg, Reverend William W. Switzer, and Claire Finkeldey Waterous.

Class secretary: BETTY WADE DRUM (Mrs. John J.), 44 Country Village Lane, Sudbury, Mass. 01776.

The Colby extended family appeared in Arizona shortly after our arrival. At registration at Arizona State University, I found my instructor to be a daughter of Hanna Levine Schussheim. Rowen, renowned in fiber arts, has her works hanging in Arizona museums . Sue Lynch Henry, Aurora, Colo., became a grandmother at the age of 32 and now has four grandsons, ages 17 to 22. An English teacher in the Denver public schools for 21 years, she is now head of the English department at George Washington High School. Over the years Sue has travelled extensively through Europe and the Orient. One month in England, she and her late husband produced two slide and tape presentations, including one on Charles Dickens. Having raised, bred, and trained silky terriers since 1964, Sue produced three cham-

pions. She even has time to raise orchids • Hilda Proctor Douglas, Pomona, Calif., is an occupational therapist for physically handicapped, mentally retarded children and adults. Her one son plans to attend California Polytechnic University for electronic engineering in the fall of 1982. As a member of the African Violet Society of America, she writes, "Do I grow big ones!" She spent two weeks in Tahiti and plans to retire there. Now we have someone to visit in Tahiti! • Eugene Hunter, Cape Elizabeth, Maine, is father to seven and grandfather to eight. In 1981 he was selected as the Maine athletic director of the year. Gene is a member of the Basketball Hall of Fame and Maine Sports Hall of Fame • In October Evelyn Helfant Malkin began a new job at the Massachusetts General Hospital in the oncology outpatient clinic . Donald and Priscilla Bryant Bourassa, the one an attorney and the other a paralegal/tax practitioner, sent a newsy letter from Augusta. During 1981 Donald C. (Dartmouth '73) and Cynthia (University of Maine '81) were married. In 1982 both Kathleen (Tufts Medical '83) and Deborah (Mt. Holyoke '75) will be married. Besides choir. museum trusteeship, and gardening, Priscilla is making wedding gowns. Hunting, fishing, VFW, Knights of Columbus, and Calumet Club occupy Donald's spare hours • Laura Rogers Nelson, White Plains, N.Y., visited with the Bourassas this past fall . Our 35th reunion is only one year away • Do you know the whereabouts of the following classmates? Sumner Abramson, Lucile Tuttle Bailey, Margaret Green Baker, Joyce Palmer Beaulieu, Doris Griffiths Caccavale, Philip Caminti, Robert Darling, and Alice Downey.

Class secretary: CAROL SILVERSTEIN BAKER (Mrs. Solomon), 6824 N. 73rd St., Scottsdale, Arizona 85283.

> Class secretary: JANET PRIDE DAVIS (Mrs. Richard), 49 Pilgrim Rd., Wellesley, Mass. 02181.

Class secretary: ALAN E. SILBER-MAN, 769 Rockrimmon Rd., Stamford, Conn. 06903.

Class secretary: ROBERT E. CAN-NELL, 2 Robinhood Lane, Cape Elizabeth, Maine 04107 and CHARLES McINTYRE, 25 Elm St., Marblehead, Mass. 01945.

Class secretary: MARY SARGENT SWIFT (Mrs. Edward), 1401 Main St., Glastonbury, Conn. 06033.

53 Thanks for all the responses to my last questionnaire—I received so many that some will be included in the next article • Two clippings from Bangor and Yarmouth newspapers mentioned an appointment for Jane McLeod Hinson, the new outreach coordinator at the University of Maine at Machias. Jane will be responsible in this new position for assisting in the development of credit and non-credit courses, workshops, and institutes on the campus and throughout Washington County. This is part of the continuing effort to meet the educational



Alton W. Lamont '52, O.D., was recently sworn in to the Massachusetts state Board of Registration in Optometry by Governor Edward J. King. Dr. Lamont majored in biology and psychology and went on to receive his doctorate in optometry from New England College of Optometry in 1955. The resident of Wayland, Mass., founded Community Eye Care Services for the Boston Chinese Community Health Services and, in 1966, Optometric Associates of Newton. He and his wife, Joan Martin Lamont '52, have a son, Gary 78.

needs of Washington County residents and to bring services directly to them. She has been active in many community service projects. In addition to her appointment by former Governor Kenneth Curtis to his advisory council on energy, she served on the University of New Brunswick's task force on the status of women. the board of directors of the Pine Tree Society for Crippled Children and Adults, and the board of directors of the Calais Regional Hospital • Al Hibbert sent me a photo of Roger Olson and himself at Al's 50th birthday (I'll bring that photo to our 30th reunion). Roger and Dotty (Forster '54) came up to Springfield, Ill., from Kansas City for the event . Whitey Johnson wrote from Salem, Oreg., that he is now working as a training supervisor at the Trojan nuclear plant in Ranier • Shirley Harrington Furdon was recently promoted to manager of Industrial Service. She became a grandmother for the first time a year ago and has vacationed in Aruba for the past two years . David Lavin is currently professor of sociology at the grad school of City University of New York and recently published his third book: Right Versus Privilege: The Open Admissions Experiment at City University of New York (Free Press, 1981). He and his wife, Marguerite, have three daughters-Nina (at Rhode Island School of Design), Jenny (at New York State School of Ceramics), and Samantha (in ninth grade). His recent travels include Germany, Switzerland, and Italy, and he has been in touch with Paul Ostrove • Sylvia Caron Sullivan wrote that they are enjoying living in Nashville, Tenn. Last fall she was at Colby for the overseers/trustees meeting, and she and George travelled recently to Israel and London where they had a marvellous time. Their three children are busy too. Sue '80 is living in New York City and is in a training program with European American bank. Tracy, who graduated from Boston College, works in Governor Edward King's office. Mike is a sophomore at Williams and will be spending his second semester in London.

Class secretary: MARTHA FRIEDLAENDER, 382 Central Park West, New York, N.Y. 10025.

A welcome note from Karl Decker reports that Merrillyn (Healey) was graduated from the University of Bridgeport (Conn.) School of Law last June, has passed the bar examinations, and is now an attorney. Karl himself is "well on to 21 years" of teaching English at Staples High School in Westport and is a supervisor for the Fairfield County soil and water conservation district. Their children are Christine, an administrative secretary working in Wilton; Karen, attending Katharine Gibbs; and Larry, a senior majoring in biology at Franklin Pierce College. Karl enclosed handsome pictures of the whole family, including a canine friend named Cindy . George and Diane Chamberlin Starcher continue to travel frequently between their homes in Chambery, France, and Montana, Switzerland: the United States: and Haifa, Israel, which is the center of their work for the Baha'i faith. Son Loren works for Texaco in Houston, and Bruce entered naval officer's training at Newport, R.I., after his graduation from Wesleyan in Connecticut • William Edson received the National Aeronautics and Space Administration's public service award and medal last August for his work in managing Rockwell's engineering organization at the Kennedy Space Center, in connection with the space shuttle Columbia. Penny (Thresher) and Bill watched the launch in Florida, then flew to California to watch the touchdown in the Mojave Desert. Daughter Gail is teaching and coaching at the Windward School in Santa Monica, Calif.; Julie, who graduated from UCLA last lune, is doing graduate work in elementary education and teaching part-time; Mark is at the University of Colorado in Boulder . William and Joan Ames became "in-laws" twice-over last year, when daughters lane and Sarah were married. Bill is on the city council in Northhampton, Mass., and "one of the veteran teachers" at Amherst Regional High School • Jean Strout Johnson has joined our list of "lost" classmates. Can anyone help us find her?

Class secretary: BARBARA GUERNSEY EDDY (Mrs. C. Arthur), R.R.1, Box 198, Lincoln City Rd., Salisbury, Conn. 06068.

55 Classmates: I enjoyed hearing from many of you during the holidays. If any of you still have the questionnaire from last year, please fill it in and send it to me • Congratulations to Harriet Seas Fraser on receiving her master's in education in May, 1981. Harriet is a learning disabilities teacher at Brookline High School, Brookline, Mass. Harriet attended the graduation of her niece, Jennifer Sears, from Colby last May and now has the graduation of her son, Jonathan, coming up in 1982 • Congratulations also to Dorothy Couillard Carlson who recently received her doctorate in reading. It has been a busy year for Dorothy and her family. They have a new home (118 Mt. Martha Drive, Pikeville, Ky., 41501). Dorothy is also Title III coordinator/associate professor at Pikeville College • Barbara Leavy Klauber writes from Harrison, N.Y., where she keeps busy with four children in various stages of college and work schedules, works two days a week in a local law office, and does free-lance calligraphy . Bruce Bradshaw writes from Avon, Conn. Bruce is a partner of Gamble and Bradshaw/Design. He and wife Stephanie and three children keep busy with skiing and other sports. I'm especially interested in the "apple picking" that the Bradshaws and Lou and Kathy (McConaughy '56) Zambello did this past year . Another Connecticut resident is Elizabeth Weymouth Hayden who lives in Oakdale, Elizabeth helps in her husband's business. She still has one teenage daughter, Marianne, at home; Suzanne, the older daughter, is in the Army. With pets, volunteering, and motorcycling, she keeps very busy • Berry Wellersdieck Piper writes to us from Corona del Mar, Calif. Berry and Eric visited Hawaii in February, 1981, and were planning a trip to England in September, 1981. Berry sees "Sistie" Restall Home and her family guite often . The Staples family have plans for England for February, 1982. Our second son, Spencer '81, will be married February 20 to Julie Goodall of Yorkshire, England, Wish us luck in getting ten of us from the New Jersey and Pennsylvania area to Grassington, England, for the wedding.

Class secretary: SUE BIVEN STAPLES (Mrs. Selden), 430 Lyons Rd., Liberty Corner, N.J. 07938.

We apologize for the lack of news in the fall Alumnus. Not only was I given a Canadian address, but the article I submitted was not printed. I am trying again. The news is not brand new, but I did not want it to be lost completely • Lyn Brooks Wey has recently been named a member of Thayer Academy's board of trustees. Lyn is also busy as partner in Interiors By Decor, and she designed a room in the 1980 Boston Junior League Show House. Lyn and Harry made handsome parents-of-the-bride last spring when daughter Beth became Mrs. Lyons. Margaret is a senior at Thayer and Alison a ninth grader in Hingham • Until I can get a questionnaire out to you, I need all the news I can get. Please drop me a note about your news or someone else's. Remember to send your contribution for the 25th reunion Class of '56 gift to the alumni office with comments on the ideas suggested-the Miller Library blue beacon, a Maine granite college entrance marker, and a new football score board

Class secretary: JUDITH PENNOCK LILLEY (Mrs. Albert F.), 180 Lincoln Ave., Ridgewood, N.J. 07450.

Greetings to one and all. I have no particular news on individual classmates but I'd like to take this opportunity to make all of us aware of our imminent 25th reunion. I do hope we'll have a healthy representation from the Class of 1957. By the time you read this column, you will have received an informal questionnaire and, subsequently, a class newsletter. This will bring us up to date before we see one another. I have talked recently with Malcolm Blanchard, our class president. We'll all be in closer touch as time draws nearer to June 4-6, 1982. Thank you for your continuing cooperation in sending me news. Take good care.

Class secretary: ELIZABETH HARDY GEORGE (Mrs. Donald), 80 Acorn Lane, North Conway, N.H. 03860.

Continuing with your responses to the most recent questionnaire. . . . Judy Spall lives in Waltham, Mass., and is a programming manager at Arthur D. Little in Cambridge. Judy had plans to visit Mary Harrington Chase, who lives in Groton, Mass. . Ed Larschan, Ph.D., who has been working as a psychologist, expected to graduate early this year from New York Law School, where he has been a member of the law review. Ed is married to ludith. an administrator at American Management Association • Archie Twitchell, after being a city planner in Colorado and a city manager there and in Oregon, moved to the District of Columbia to work on a doctorate in public administration. He and his wife, Dorie, have a son and a daughter . Judy Levine Brody is assistant to the dean of admissions at Colby and remarks that it's fun "seeing classmates bringing their sons and daughters to see the college." Judy's husband, Morton, is a justice of the Superior Court for the state of Maine. Two of their children are at Dartmouth; a third is in third grade • Daniel Yett's address is the American Embassy in Nairobi, Kenya, where he is a consultant for the United States International Communications Agency travelling between Somalia and Cape Town. "I don't miss wintry weather, but the rhetoric of third-world politics gets a bit wearing-especially when the phones don't work" . Gail Crosby Davis is in real estate sales and investment in Beverly Farms, Mass.; her husband, Dick, is also in that field. As a diversion from work, they enjoy cruising the New England coast in the family schooner. Their daughter, Wende, graduates from Colby this year and son Tad is in high school . The Davises frequently see Anita Falter Currier and her husband, Doug, and Bill and Cindy Allerton Rocknak, who live in lefferson, Maine. When they are not selling boats or sailing themselves, the Rocknaks enjoy painting, restoring houses and furniture, and collecting antiques • Karen Breen Krasnigor is a bookkeeper and lives in Marshfield, Mass, Her husband, Dick '57, retired after 21 years in the Air Force and now is assistant director of Beth Israel Hospital in Boston • Karen often sees Peggy Putnam Dorr, who also lives in Marshfield • Philip Dankert lives in Ithaca, N.Y., and is collection department librarian for the Industrial and Labor Relations Library of Cornell University. His activities include being a member of the Tompkins County Youth

ALUMNI TOUR.

Cruising aboard a luxury ship with friends and families . . . visiting historic cathedrals, quaint villages, quiet towns, gay Paris . . . enjoying sumptuous meals and local wines. . . . What better way could there be to spend eleven days in July?

Colby alumni, parents, and friends are invited to cruise the waterways of France on the modern *World Discoverer*. Raymond and Whitcomb, the firm that organized the popular "Adriatic Odyssey," is planning this exciting trip for members of the Colby community July 13-24, 1982. Special activities are being arranged onboard and ashore, and expert travel hosts will be on hand throughout the voyage to help you enjoy a thoroughly memorable trip.

For further information, please write Raymond and Whitcomb Company, 400 Madison Avenue, New York, NY 10017, or call (212) 759-3960.

Board, coaching baseball, and being cubmaster of a local pack.

Class secretary: MARY ELLEN CHASE BRIDGE (Mrs. Peter), 78 Sandy Lane, Burlington, Vt. 05401.

59 Class secretary: MARY TWISS KOPCHAINS (Mrs. Robert), 4 Kyle Rd., Somerset, N.J. 08873.

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Class secretary: MARGARET BARNES DYER (Mrs. Calvin), 140 Hamilton Dr., Terre Haute, Ind.

Replies to the questionnaire continue to fill my mailbox. Again thank you for replying. It is great to hear from you and it makes this job easy . My predecessor, Carolyn Evans Consolino, reports that they are enjoying their new town, New Canaan, Conn., and beginning to really settle in. Joe '58 has changed jobs. After a year and a half with Simon & Schuster in New York, he has been named president of the New York Times Book Company . Diane Sadler Martin is an activity consultant for a convalescent home in Halifax, Va. She has nine children and still finds time to work and serve on the board of the Virginia Museum . Waccabuc, N.Y., is home for Marna Hanson MacLean and her busy family. Her husband scouts and recruits hockey players. Marna is serving on the board of the Dr. Franklin Perkins School, a school for retarded children and adults in Lancaster, Mass. • Tom and Dotty Boyton Kirkendall are in Potomac, Md. Tom was recently named co-recipient of a special award from COMSAT Laboratories for "meritorious performance in connection with failure analysis work on satellite programs." Dotty is active teaching Sunday school in the Presbyterian church, and she serves on the board of the local PTA in addition to her girl scout work • After 15 years in the purchasing field, Bill Swormstedt is embarking on a new career in marketing for an international office systems division. It is quite a change in lifestyle but Bill says that at least "it will get the wife and family back to Germany to visit relatives more often." Bill also mentioned seeing Bob

Gannon recently at an arts and crafts fair in New Hampshire. Bob's wife is a watercolor artist and exhibits when time allows . Nancy Larkin Connolly reports that she is an active Army wife and mother. She is a foreign wives representative for Australia, 1st vice-president of the Ft. Bragg officers' wives club, division representative to the Army Symposium in the District of Columbia, and co-author of the commanders' wives handbook . Frank Wallace is headmaster at Colorado Academy in Denver and president of the National Association of Independent Schools. In his free time, he is an aspiring fiction writer • After retiring from teaching French, Barbara Whiting Mac-Gregor has become a part-time veterinary worker . Sandy Nolet Eielson's husband retired in January after 20 years as an army surgeon and they will move to Fitchburg, Mass., where he will be opening a private practice . Clinical social worker Gale Holtz Golden is in private practice, a consultant in the field of reproductive health and sexuality. She recently published a textbook entitled Sexuality: The Human Experience . Insurance is Stewart "Sandy" Arens's business. He owns his own agency, Arens-Webb, Inc., in Wilson, N.C. He is still a member of the U.S. Naval Reserve, a commander, and is an active volunteer for the American Cancer Society.

Class secretary: SUSAN DETWILER GOOD-ALL (Mrs. William), 88 Heald Rd., Carlisle, Mass. 01741.

Linda Nicholson Goodman, her husband. Dave, and their three teenage sons reside in Oakdale, Conn. The Goodmans are into the college scene again. Their oldest son, lay, is a freshman at Trinity College. After working for ten years in their family business, Beaudreau Electric, Linda has returned to the field of education as a secondary English teacher • Terry Cordner is a tax attorney for CIBA-GEIGY Corporation in Katonah, N.Y. He and his wife, Helen, have one daughter • Jean Gaffney Furuyama has her own dental practice in New York City. Her husband, Toshiyuki, is vicepresident of Japanese Chemical Company. Their son attends the United Nations International School. Their family enjoyed returning

to Japan where they had previously lived for three and a half years. Jean mentioned that Jan Griffith Perles is doing well teaching law. Jan's husband is lean's lawyer . Baudouin deMarcken, his wife, Gail, and their three children are in the process of exploring Morocco, where he is director of the Peace Corps. They find life in the Third World challenging and fun. However, they always look forward to their annual summer trip to their lakeside home in northern Minnesota . Kathy Hertzberg is a professor of mathematics at New Hampshire Technical Institute in Concord, N.H. Kathy continues to be actively involved in music and theater • After spending two years way downeast, Pamela Taylor has returned to a more "urban" setting in Waterville, Maine. Pam is the director of social services at Mid-Maine Medical Center . Gail Smith Gerrish reports that her family is well and happy in Boulder, Colo. Her husband, Allan, serves as a department head at Bell Laboratories. In addition to her role of housewife and mother of a teenage daughter, Gail is involved in the Red Cross and leadership training in the church. Their family has purchased a house in Vail which they use every season for recreational activities. Gail's sister, Lynn '65, and her husband, Don Short '64, have moved to Manchester, Mass. • Lael Swinney Stegall is director of the Wisdom Fund, which is a private grant-making foundation. This foundation funds social change projects throughout the country. Her husband, Ron, directs appropriate technology programs in Asia and the Middle East. Their family enjoys spending summers in Deer Isle, Maine • Sam Just is president of the Rhode Island Ophthalmologist Society Sam sees Dick Mittleman when he has a legal problem . Major James A. Johnson, Ir., is commander of the Air Force Office of Special Investigation in Luxembourg and Belgium. He says he is working too hard to find time to travel, but Jimmy mentioned seeing Anne "Dee" Cross Howe when she was on tour in Germany . Ovila LaPlante writes that he has officially retired. Grandfather of 12 grandchildren, he continues his interest in foreign languages. He is studying Spanish and Russian, in addition to substituting in local schools . Janan Babb Vaughn, her husband, Dave, and their two teenagers are living in Reading, Mass. Janan is employed as a parttime medical secretary for a local pediatrician. Dave is a manager for New England Telephone Company. They enjoy spending their summers at their cottage in Union, Maine. Janan sees Phil Gregorio for regular dental maintenance • Elmer Bartels was awarded the honorary degree of L.H.D. by Sargent College at Boston University during the college's centennial celebration. Elmer is commissioner of the Massachusetts Rehabilitation Commission

Class secretary: COLLEEN "JO" LITTLEFIELD JONES (Mrs. William), 24 Bailey St., Skowhegan, Maine 04976.

> Class secretary: GAIL PRICE KIM-BALL (Mrs. Ralph), 55 Maple St., Paxton, Maine 01612.

Anne Gelhorn Campbell and husband Peter are the proud parents of a baby girl. Maria, who arrived to keep their five-year-old son, Alfred, company. Anne is concentrating on family these days-finishing up her doctorate at Columbia will have to wait . Dottie Thompson Irving has not had a chance lately to use her master's in reading or the reading specialist certification she picked up in Houston, Tex. Just as she finished, the family moved back to Delaware John Adams Oaks writes that their two boys are a continual source of excitement to him and his wife. Rececca. John is associate professor at the University of Iowa department of anatomy . Bob Drewes and wife Robbie (Gilson '65) are living in Maryland, which puts Bob close to the District of Columbia. He is executive assistant to the Secretary of the Air Force • Another member of the armed services, Major Paul Tessier and his family are living in Frankfurt, West Germany. Paul is doing military social work which includes the operation of child care centers and community action centers • Also overseas, Jerry Shapiro is living in Hawaii and was married in Honolulu last July to Susan Bernadett. Jerry won the regents award for excellence in teaching among the senior faculty at the University of Hawaii • Dave Vogt and wife Carol have a two-year-old son to keep them busy. Dave received his M.B.A. from Harvard in 1978 and is working for Teradyne in Boston as a product support manager for automatic test equipment • Kim Snow, who majored in biology, is now a C.P.A. working for the service bureau corporation division of Control Data Corporation • Bob Glassman was a European history major and is now a real estate broker. Bob's family are very important, and they absorb most of his spare time along with the pursuit of the eastern martial arts . Joan Thiel San-



Leslie E. Stevens '65 of Gardiner, Maine, was appointed director of the State Development Office by Governor Joseph E. Brennan on February 1. Mr. Stevens, who majored in government at Colby, has served as acting director of the office since November, 1981.

ford is living in Illinois. In addition to her family responsibilities, which include twin boys, she is corporate accounting manager for Bliss and Laughlin Industries . Tom Andrews is one biology major who stayed in the field. Tom is chairman of the department of medicine at Harrisburg Hospital in Pennsylvania. However, he also finds time for gardening and organizing a hospice for central Pennsylvania • Linda Spears Elwell is still living in Manchester, N.H., juggling all the responsibilities of her family plus being a Mary Kay Cosmetics director • Another biology major, Sue Sawyer McAlary is living in Maryland, where her husband, Brian '63, is an M.D. and she is an administrative assistant for their Anesthesia Corporation, A long way from the laboratory! This leaves Sue more time to be with their two teenagers . Sandi Hayward Albertson, an English major, is teaching English literature at Middlesex Community College in Concord, Mass. Her book, Endings and Beginnings, was published by Random House in the spring of 1980 • Another person true to her major, Karen Eskesen is living in Florida and painting, teaching watercolors, and exhibiting. Karen travels to Europe on six-month painting trips. Her closely knit family is now mostly located in Florida • Using her English major well, Barbie Gordon Schoeneweis has jumped from journalism to director of public relations for a 300-plus bed hospital in suburban Philadelphia. Through her job she is involved in legislative and public education affairs, consumer awareness, and other public issues • Jon Fredrikson and wife Eileen are still really enjoying California. They have settled into the dream house they built with their two lovely daughters. As an economics major, Ion is well suited to his executive position at the Paul Masson Wineries.

Class secretary: JEAN MARTIN FOWLER (Mrs. Michael), 17 Marvin Ct., Lawrenceville, N.J. 08648.

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Class secretary: JOAN COPI-THORNE BOWEN (Mrs. Richard), 11 Fox Run Rd., Bedford, Mass. 01730.

Yellow questionnaires from '66ers have been rolling in. Bob Adams and family will be leaving Kansas for a two-year tour of Korea with the Eighth U.S. Army starting in July of 1982. Bob is in the Adjutant General Corps and carries the rank of major . George Cain is an account executive for ABC. He and his wife, Susan, recently travelled to Switzerland and San Francisco on expense-paid trips earned by Susan during her first year as a nutrition consultant • John Carvellas received the Outstanding Teacher award from St. Michael's College students, and the 1981 St. Michael's yearbook was dedicated to him. It is interesting to note that in the nickname blank on the questionnaire, John entered a terse "no comment" and still denies collaborating with Jud Strunk in the composing of Jud's song, "Daisy a Day" . Bob Davis and family are living on a farm in Ohio where they have a growing herd of Hereford cattle and one Appaloosa horse. Bob continues with

his practice of medicine and occasionally breaks from fencemending for trout fishing in Yellowstone • In 1981 Jim Drawbridge took a 500-mile bicycle trip through New Hampshire and Maine, Son Peter, 13, accompanied him . Dana Danforth and wife Judy recently became resident directors for the ABC House in Williamstown, Mass., a program for educationally deprived youngsters . Rob Elder has been appointed director of the port and marine transport division of the Bureau of Transportation Services of the Maine Department of Transportation. Rob will have his job cut out for him if the newly proposed Portland waterfront redevelopment plans go through · Tim Gaillard has a new job as regional manager for Production Magazine. He anticipates travelling to Italy and Sweden in 1983 and is restoring a 1700 house in South Glastonbury, Conn. • Doug and Beth Adams Keene are in Cairo, Egypt, where Doug is affiliated with the U.S. Embassy. Doug's account of Sadat's assassination, which he and Beth witnessed, is hair-raising. They hid among the chairs of the reviewing stand while the firing took place and fortunately were unharmed • Barry Kligerman, a periodontist, reports an office party where three 10-foot-long submarine sandwiches served over 200 people. He maintains that they "were as good as Tiny Tony's subs of Waterville" . Annie MacMichael is teaching English at Maine Central Institute. She moved to Pittsfield with her four children in the fall of 1981 • Doug Meyer and family are restoring a 1796 farmhouse in Guilford, Conn. He figures the restoration to be a 30-year job, but comforts himself with the idea that the work will keep him "off the streets and out of the pool halls." He reports that Wayne Winters works in the same office where he works . Peter Nester is manager of Saudi Arabian operations for Sippican Consultants International, Inc. He splits his living time between Boston and Saudi Arabia. He is anxious to talk of his experiences in the Mideast with any Colby businessmen who are interested • Erik Thorson is in Nashville trying to "get rich and/or famous" writing songs. He hopes to make enough money so that he can attend our 20th reunion

Class secretary: JAN ATHERTON COX (Mrs. Thomas A.), 115 Woodville Rd., Falmouth Maine 04105.

Donald Jepson has been appointed product manager of American Pad & Paper Company of Holvoke, Mass. • Irving Faunce, who resides in Gardiner, is the executive director of the Maine Good Roads Association. He also recently completed a five-year term on the Maine Human Rights Commission • Pam Hunter Dingle is vice-principal at Windham High School. She is actively involved with gifted and talented education, and her Title IV grant, Project Discovery, was validated for dissemination in 1980. She and her husband and two children live in Turner, Maine • Andrea Jennison has been director of photography and instructor at Colorado Mountain College-Breckenridge for the past four years. She also directs nationally known summer pro-

grams in photography there. She has exhibited widely throughout the United States, and her work appears in numerous collections, including Arizona State University, Maryland Art Museum, and Denver Art Museum . Betty Sue Nelson Easton is a psychiatric social worker in the junior high schools of SAD 48 in Maine. She also teaches guitar in Belfast, where she lives with her husband and daughter, Joellen • Eric Meindl is a meteorologist/producer of Alaska PBS television's "Aviation Weather." He notes that "Alaska is a beautiful place, but even four years at Colby can't prepare you for this isolation from 'the world'!" . Philip Astwood is associate professor of geology at Winthrop College, Rock Hill, S.C. His wife, Valarie Robinson Astwood, is a photographer. They have two children, Heather, 13, and Owen, 8 • Charlotte Killam, who lives in Schuylerville, N.Y., is currently on a one-year sabbatical doing graduate work in British literature and history at St. Mary's College in Cheltenham, England, She expected to spend Christmas with Linda Jones Blair and family in Augsburg, Germany . Jim Katz has recently moved to Montreal where he is a teacher/group leader of Human Relations and Gestalt Therapy at John Abbott College • Caroline Kresky Bernstein is now a law student at Emory University Law School. She, her husband, Michael, and their daughter, Deborah, live in Atlanta . Steve Brooke and his family live in Hallowell. Steve is senior conservator at the Maine State Museum Conservation Center in Augusta. The Brookes recently completed their passive solar home (Leon Garnett '68 was the builder) . Hope to see you all at our reunion

Class secretary: SALLY RAY MORIN (Mrs. Ramon), 243 Victory Highway, RR-3, Chepachet, R.I. 02814.

I can't believe that another year has gone by. As usual, I'm late getting this out, so I apologize again if some of the news is somewhat dated • Maxine Allison Anderson is still nearby in Huntington, Vt., where she's very busy with her daughter, Ali (she's adorable), and her Christian folk group. She'll be leaving for Florida soon to visit her family • Ted Allison writes again of his adventures as a sailor. His recent races have taken him to Holland. England, South Africa, New Zealand, and Hawaii. In between races, he's a yacht consultant ... an exciting lifestyle . Deborah Aver Sitter is in Atlanta, Ga., where she and her husband are both English professors. She has two children and reports that the highlight of 1981 was eight weeks at Columbia University as an NEH Fellow • Richard Beddoe is a social worker for the Andover, Mass., public schools. He got married last year and is living in Belmont. He's recently seen Alex Palmer, who is teaching in Andover, and his wife, Wendy (Slater '69) • Barbara Bixby Abrams is still in Bayville, N.Y., where she enjoys raising her son and working (pianist, music teacher). Her extensive hobbies list includes swimming, bicycling, travel, Broadway plays, and Gershwin. She reports that Sebsibe Mamo '70 is living and

working in Long Island • Barbara Brown Ralston is in Havden Lake, Idaho, with her husband and three children; the baby is Jamison. She's a homebound teacher working with chronically ill or handicapped children • Sue Couser Farkas is an instructor in adult education at Joliet (III.) College. She's active in all sorts of community projects but still has time for her husband and two girls . A direct quote from the Waterville Sentinel states "If anyone represents a successful product of this city, it might very well be Joe Jabar." The article praised Joe as it discussed his candidacy for the Waterville board of education. loe is an attorney in Waterville where he lives with his wife and two sons . Ken Lane is an anesthesiologist living in San Diego. He and his wife have a new puppy named "Colby," In September they completed a two-week raft trip through the Grand Canyon . Sue Davidson Lombard has kept very busy in her volunteer position as president of the Berkshire Medical Center Auxiliary. Her last year included a lengthy nurses' strike and a fund raising effort yielding \$60 thousand. She lives with her family in Dalton, Mass. . Judith DeLuce is an associate professor of classics at Miami University in Ohio. She was recently named Outstanding University Woman for 1981 and has finished editing a book on primate language · Dorothy Evans Guillen recently moved to Mexico City with her family. She's a Spanish teacher and a free-lance translator. She saw Margie Bogh Sponsler while visiting in Portland, Maine, last year . Steve Freyer and his wife live in Malden, Mass., and his Bostonbased Sports Advisors, Inc. seems to be doing very well. Steve is president of the marketing division of the company which represents professional athletes . Bruce Kueffner and his wife, Sarah (Johnston '69), have a "new" (June) daughter, Elizabeth. Bruce is in sales/marketing and enjoys sailing and tennis in his spare time . Jeff Lathrop won the U.S. National White Water Canoe Championship, Singles, in July. He lives in North Conway, N.H., with his family, and he is operations manager of the Attitash Ski Area.

Class secretary: BETTY SAVICKI CARVELLAS (Mrs. John), Wilderness Rise, RD 4, Colchester, Vt. 05446

69 Leslie Stevens has been named acting director of the State Development Office. For the past two years he has been administering a program designed to attract new business to Maine • Deborah Van Hoek Abraham has been appointed the head of reference at the Brookline Public Library in Brookline, Mass. • Donna Massey Sykes is living in Rochester,

REUNION WEEKEND

N.Y., and working part-time as a psychotherapist and full-time as a mother with her oneyear-old adopted Korean girl. She and her husband, a radiologist, anticipate possible relocation in Boston • **Roger Gould** is a loan officer at the U.S. Trust Bank in Boston. He resides in Gloucester, where he indulges in his favorte hobby, sailing • Dean Eaton '73 ran for city council in Keene, N.H. Let us know the results, Dean. He is a manager at Keene Country Club and has taught at Keene High School for the past seven years.

Class secretary: BONNIE ALLEN, 93 Mt. Vernon St., Boston, Mass. 02108.

Earle Shettleworth, Jr., director of the Maine Historic Preservation Commission, has issued a handsome report with recommendations to the State Government Committee of the 110th Maine Legislature. Essays are included, illustrated, on the State House and the Blaine House, official residence of the governor Bruce McNamee has been named a partner in the accounting firm of Cummings, Cable, Lamont & Associates of Sanford and Kennebunk, Maine. He and Margaret (Freeman) live in Lyman with their two daughters. Margaret is secretary of the Maine Women's Fellowship . Janice Chapman Hennings is a hospital nutritionist, after receiving her M.S. degree in nutrition in August, 1980. She and her husband, Chris, a librarian, live in Portland, Maine • Christopher Beerits, Alna, Maine, has been named branch manager of the Maine Department of Human Services field office in Rockland, after working for several years in the district's foster home development program. He is married and has two sons • A few highlights from Clare Bonelli's letter: she spent five years as a veterinary assistant, received an award from Red Cross for putting in 600 hours of time in five years as a first aid instructor and CPR instructor-trainer, graduated in 1981 from nursing school, and was about to get her private pilot's license · Pamela Warner Champagne is deputy auditor for the Merrill Trust Company, Bangor. In March of 1981 she spent three weeks in Sri Lanka (Ceylon) and even rode an elephant · James "Huey" Coleman is an independent filmmaker. He is an artist-in-residence in filmmaking with young people in Maine and was director of the annual Maine student film festival. He, his wife, Judith, who is a librarian, and their daughter live in Portland • Peter and Peggy (Wiehl '71) Gilfoy gave birth to a son, Nathan, in May, 1980. They live in Sherborn, Mass., and Peter is a salesman • Robert Kaufman, Longmeadow, Mass., has been named partner of the Springfield accounting

Mark your calendar, pack your bags-Reunion Weekend is just around the corner! Alumni of all classes are invited to enjoy activities throughout the weekend, June 4-6. Each of the classes celebrating their five-year reunions will also get together for special class events. We're looking forward to seeing you soon on Mayflower Hill! firm of Coopers & Lybrand. He is a member of both the American Institute of Certified Public Accountants and the Massachusetts Society of Certified Public Accountants. He and his wife, Christa (McCarter '71), have two children.

Class secretary: DONNA MASON WILLIAMS (Mrs. Edward), 50 North St., Grafton, Mass. 01519.

Sorry this column has taken so long getting off the ground, but in the past few months I have moved from Colorado to Massachusetts, started a new job as PR director for the U.S.S. Constitution Museum in Boston, bought a house, and gotten married. So much for spare time . Many thanks to Janet Beals for forwarding the reunion questionnaires. They spent the summer chasing me across the country but finally arrived intact. Nearly 125 classmates, spouses, and friends rallied for the reunion, but I thought I'd start by filling you in on all those who were unable to attend . Rich Abramson is director of special education for SAD 11 and lives in Gardiner, Maine • lanet Hancock Ahern was kept plenty busy at home in Coral Springs, Fla., with her two pre-school sons . Frank Apantaku is a surgeon and instructor in surgery at the Chicago Medical School. He was married to Lecia Slabaugh in June • Bruce Black, who listed his address as only "Rt. 4, Box 127," is involved in genetic research . . . somewhere . H. Stevens Borden, a Great Lakes merchant seaman, makes his home in Chaumont, N.Y., with his wife, Linda, and (by now) three children • Anthea Hemery Bruffee is an attorney in New York. In the past year she and her husband, Ken, have purchased a Brooklyn brownstone and were expecting their first child . Another attorney, Carrie Horsley Durkin, and husband David '70 live in Mount Prospect, III. Carrie joined a Chicago law firm last June . Emily Eaton Woodman, who was married in May, is assistant director of the Portland Museum of Art, which is undergoing a major expansion with a new wing designed by I. M. Pei and Partners . Andrea Eddy was living in a log cabin at 8300 feet in Jemez Springs, N. Mex., job hunting and wishing to hear from Andy and Maria Theodos Wilson when last heard from . Tom Ellis must have enjoyed this winter's bounty of snow in Boulder, Colo., where he owns a small business and skis whenever possible. He was married to Ann Howry in October and was in England leading a bicycle tour during the reunion . Joe Greenman is a partner in a Manlius, N.Y., law firm and active in town affairs. He and wife Fran have a small son . Cindy Quinn Grim was expecting a child in May and opted to stay home in Allentown, Penn. . Nancy Hammar Austin was planning to return to New England from South Africa, whence she'd landed following stints in Greece and Iran. She received her M.Sc. from the University of Natal in April and works as a marine plankton ecologist . Kathy Severson Hayes, who lives in California, works as a stand-in for the TV series Dallas • Another Californian, Steve Leon, was planning to open his own wholesale store for fine contemporary furniture, and

disclosed that he is the "Raleigh Cigarette Man" for Mexico • Richard Lindequist and his wife, Cecilia, live in Milton, Mass., where he is a medical underwriter with Sun Life of Canada • Bill Johnson and wife Patricia moved last July from St. Paul to Putnam. Conn., where Bill started a private practice in internal medicine · Karla Kavanaugh is a solar designer and builder in East Chatham. N.Y. . Lory and Nancy Gottlund Ghertner live in Sodus, N.Y., where he is in private practice in internal medicine and she teaches art . Steve Mansfield enjoys being back in Maine after five years in Chicago. He is associate executive director of Maine Health Systems Agency in Augusta . The mostrequested faculty member on the reunion questionnaires was Leonard Mayo.

Class secretary: LESLIE J. ANDERSON, 30 Hall Ave., Somerville, Mass., 02144.

William Goldstein and his wife. Margaret, are living in Boulder, Colo., where he is an attorney and partner in the firm of Lamm & Schuder Gilvan Fernandes Marcelino is employed by the national council for the development of science and technology in Brasilia, Brazil. He hopes to attend graduate school for his M.B.A. His wife, Maria, is an economist and assistant to the director of welfare • Andy Campbell is self-employed with a McDonald's franchise. He and his wife live in Collingswood, N.J. Christel had been a physical therapist at a Pennsylvania hospital before their son, Stewart Andrew, was born. Recent travels for the Campbells include trips to Puerto Rico and Chincoteague Island, Va. • Rhee Griswold Fincher is a doctor at the Long County Medical Center in Ludowici, Ga. Her husband, Michael, is an internist for the Fort Stewart (Ga.) Army Hospital. She and her husband hope eventually to go into private practice. In her "spare time" she has been working on her cabinetmaking skills . Carol Beaumier moved from Boston to Arlington, Va. She is a national bank examiner in the international division for Comptroller of the Currency, Treasury Department. Her job requires frequent travel including assignments to Europe and the Far East . Tom '71 and Christiana Holzer Gallant are enjoying their new life in Indianapolis. Ind. Tom is employed by the angiography department of St. Vincent's Hospital. They have two sons, Nathan and Andrew . Kathe Otterson Cintavey moved to Amherst, Ohio, where her husband, Al, was transferred. Since their child would be entering school. Kathe planned to return to teaching • Jim Colburn continues to keep busy with his many activities in Vail, Colo. He is a professional ski instructor at the Vail Ski School and assists in the training of new instructors. In addition to the actual skiing, Jim enjoys meeting and teaching "fascinating people from all over the world." He has been accepted into the master's program in professional writing at the University of Southern California; he attended the summer session last year and worked at the American Film Institute. In the summer of 1980 he also visited his sisters in Salt Lake and did some

landscaping work while there, and saw friends in Pittsburgh and relatives in Michigan and Minnesota, Last summer he worked in Boulder at the national office of the Professional Ski Instructors of America and then returned to Vail where he worked as a carpenter. He plans to continue with his work at the ski school and with his writing • Sally Barker graduated from Rhode Island School of Design and remained in Rhode Island for awhile after graduating as her husband. William Keach, worked at the school. After part-time work later in Uxbridge, Mass., she is now running her own tapestry weaving studio, working for interior architects and corporate art consultants on a commission basis, and teaching occasional classes; she also exhibits her work nationally and expects to have her own show next year in Colorado. She writes that her subject matter tends to be abstracted plant forms which she draws from life. She has an organic garden. She reports that Cliff Walker is teaching and going to school in Anchorage . Patrick Duddy is teaching English at the American College in Leysin, Switzerland.

Class secretary: ANN BONNER VIDOR (Mrs. David), 1981 Innwood Rd., Atlanta, Ga. 30329.

Barbara Higgins Bowen is enjoying small town life in Hancock, N.H. She and Doug have two sons and spend much of their time swimming and skating on the crystal clear lakes . Jon Fink is teaching and doing research in planetary geology and volcanology at Arizona State University. He is enjoying raising a vegetable garden in the Sun Belt (broccoli in February), distance running on the canals of Phoenix, and trips to Mount St. Helens and the Mojave Desert. He writes that Dee Kelsey runs a bedand-breakfast inn for visiting geologists in Palo Alto, Calif.: that Thane Pratt is commuting semi-annually between New Jersey and New Guinea, finishing up his Ph.D. in ecology; that Sam Wagner is building and repairing boats on the Maine coast; and that Jon Glynn runs an advertising firm in New York City • Ellen Kornetsky is teaching high school English in York, Maine • Laurie Williams Woodfin has "retired" from her school media supervisor position to be a full-time mother. She reports that Earle '75 and Cindy Sanders Ingalls are living in Tacoma, Wash. . Carolyn Clarke Simpson does group and individual counseling in a mental health center in Norman, Okla. She and her husband, Dwain, share parenting of their daughter. Michal • Neal Shadoff has served as chief resident in internal medicine at the Denver Medical Center. He planned to attend Duke University for further studies in cardiology . Paulette Archambault Shur works part-time as a bookkeeper and full-time caring for her son, David, in Palo Alto, Calif. • Allan Hill is a supervisor in the Medical Care Unit of the Fulton County Medicaid Office in Georgia and is still playing soccer . Jim King writes from Dumbarton, Scotland, where he teaches English and art at the Keil School, near Loch Lomond. He has received his master's in art history from the University of East Anglia in England and enjoys researching twelfth-century sculpture throughout Britain • Charlie Hogan and his wife, Juliet, live in London, where Charlie is managing director of the European division of McCormack and Dodge Corporation which deals in computer software • Curtis Sears has won the Frank Ferrell Memorial Paper Award, a contest devoted to technical papers conducted by the Virginia-Carolina section of the pulp and paper industry. Curtis is a production engineer with the Bleached Board Division of Westvaco, Inc. • Thea Burow has served seven years in the U.S. Navy and now lives in Sebec Village, Maine. She is presently working as a general reporter • Richard Wein has graduated from New York Medical College and served his internship and residency in internal medicine at the University of Connecticut Health Center. He has joined the medical staff of Brook Hollow Health Care Center in Wallingford, Conn. • Carter Zervas spent a year in Italy studying art on a Fulbright fellowship. He plans to have a one-man show of his work in Philadelphia in November • Dean Eaton, Keene Country Club manager and a teacher at Keene High School, ran for a spot on the city council last fall • Christopher Prickitt teaches English at Guilford Middle School in Guilford, Maine • Happy spring!

Class secretary: MARGARET McPARTLAND BEAN (Mrs. Christopher), 5 Manchester Ct., Presque Isle, Maine 04769.

Greetings from Minnesota. As I'm writing this column I'm looking out the window at almost four feet of snow on the ground and congratulating those of you who have enough sense to live anywhere south of here. By the time this issue arrives, so, I hope, will have spring . Don Levis is a financial analyst with Arthur D. Little, Inc. in Boston in addition to teaching part-time at Boston University. He and his wife and daughter spent ten days last year vacationing in England • Brian MacQuarrie works on the city desk of the Fort Lauderdale Sun-Sentinel. Brian reports that he has been instrumental in the formation of a Clan MacQuarrie Association in the Northeast . Nancy Spangler is a writer for the Central Maine Morning Sentinel. Her husband, Bill Tiernan '77, is a lab assistant in the physics department at Colby. They spend much of their time working on the home they recently built on 14 acres in Vassalboro and chasing their toddler, Peter • Ellen Suchow has taken time out from her job with New Jersey's Department of Environmental Protection to pursue her Ph.D. in zoology at Tufts . Cindy Vietor Kahle is a teacher at the Penn Charter School in Philadelphia while her husband is finishing up his M.B.A. at the Wharton School of Business . Shelley Weiner is supervisor of creative services at Moore Mc-Cormack Resources in Stamford, Conn. She is also working on a degree in graphics at Parsons School of Design in New York . Craig and Cathy Downes Weston moved to Fayetteville, N.C., last summer where Craig has entered the public health service as a physician and Cathy is a free-lance computer consultant • leff Barske and family have moved

from Alaska to Connecticut where leff is a stockbroker in Hartford. Jeff keeps busy polishing up his '54 Chevy and '65 Pontiac convertible . Shelley Bieringer Rau is an occupational therapist with United Cerebral Palsy of Oueens, treating children ages 1 through 10. Her husband, Richard, will be finishing up his Ph.D. in clinical psychology this summer at Hofstra University • Ann Bicknell is working on her M.S.B.A. in health care finance at the University of South Carolina while continuing in her position as staff assistant to the director of Deaconess Hospital in Boston. Ann asked me to suggest that those of you who are still listed with Colby at your parents' address to update your records . Claudia Dold Stover received her M.B.A. from Adelphi University in December, 1979. Claudia does volunteer work teaching Indochinese refugees, and with her husband, Carl, is renovating their 1900's intown house in Atlanta . That's all for now. Please keep me posted on all the news.

Class secretary: EMILY WINGATE RYERSE (Mrs. Scott D.), 4201 Grimes Ave. So., Edina, Minn. 55416.

Dear Classmates: Still much news to report from the questionnaires Sue Conant sent out. Barbara Miller Deutshle and husband Mark recently purchased a home near the ocean in New Jersey. Barbara is a claims representative for the Social Security Administration in Perth Amboy, N.J. . Chris Dana is a student at the McGeorge School of Law in Sacramento, Calif. · Linda Evans is assistant office manager for Skidmore, Owings & Merrill, a Boston architectural firm. She travelled to Jamaica last spring with Liz Belsky '74 and Jean Straehl Defusco '73. Ev also visited me in London last June. We had a great trip through Norway and Sweden · John "Jack" Sklepowicz is back in the U.S.A. after five years in Asia. He taught in Iran and Korea, where he met his wife. Younghee Yoo · Kevin Cooman is a partner in the law firm of Greisberger, Zicari, Hale and McConville, P.C. Kevin and wife Nancy reside in Rochester, N.Y. · Buck and Gavle Nicoll Drew are living in Salmon, Idaho, and were expecting their second child, Buck, a dentist, was elected director of the Salmon chapter of the Idaho Conservation League. They planned to attend Jim Schmidt's wedding last June in Lake Tahoe, as did Bill Whidden, president of Windsurfing International Canada, Inc. Bill has won "millions of trophies" while windsurfing and sailing all over the world (Japan, Hawaii, Australia) . John Mosley and wife Caron live in Portland, Maine, where John works as an insurance sales manager for the John Hancock General Agency · Peter '76 and Prudence Reed Kraft bought a house in Falmouth, Maine, big enough for their children, Mary and Peter, Jr. Peter is an associate with Herbert Bennett, P.A., and Prudence works for the Portland Art Museum project • David and Susan Benson Turnbull moved to Webster Groves, Mo., where Dave is manager of market development with Peabody Coal Company . Edson Mitchell is an assistant vice-president with Merrill Lynch Investment Banking in New York City. Ed and wife Susan reside in New Jersey

with their children, Erik, Katie, and Rebecca · Mark I. Goldman is a project management assistant at the Architects Collaborative in Cambridge, Mass. • Roger Jones was married in lune and works in the fleet management section of a shipping company • Bill and Barby Beran Muller are living in Freeport, Maine, where he is a lawyer, she a systems analyst • John Orefice is an English teacher and director of dramatics at Pelham High School in New York • Stuart Cushner received his D.M.D. from Tufts Dental School and a certificate of advanced dental training at Metropolitan Hospital in East Harlem, N.Y. He opened his own practice in Manhattan and plans to open a second . I. Taylor Bond Suflita opened a handcrafts gift store, "Under the Rainbow," in Lansing, Mich. The shop sells the work of area craftspeople, including Taylor's pottery • Earle Ingalls and wife Cindy (Sanders '73) settled in Tacoma, Wash, where Earle is brand manager for SnackFoods-Nalley's Fine Foods . Paul Hatton is a resident in general surgery at Wilford Hall U.S.A.F. Medical Center and lives in San Antonio. Tex. • Karen Santic is living in Washington, D.C., with Jane Martinson. She works for the Peace Corps, is vice-president of the board of directors of D.C. Hotline, and sings with the Oratorio Society of Washington, which made its Carnegie Hall debut last lanuary with the National Symphony. Karen, who plans to finish her master's thesis on solar energy, also writes that Anita Baldwin works for the Smithsonian Institute and that Lisa Turtz was entering medical school • Deborah Seel Palman was featured in a recent Boston Globe article. She is the only female game warden in Maine's force of 130 and works the Airline, the road from Bangor to Calais. She and Raven, her German shepherd, have been quite successful pinching poachers.

Class secretary: PAMELA J. BRADLEY, 2 Phlox Lane, Acton, Mass. 01720.

The results of my latest questionnaire are in, and I know you'll all be as pleased as I am with the news from the following long-losts • Carol McIntyre-Peale received a master's in education from Lesley College, and is currently a special education teacher at Stafford Elementary School in Stafford, N.H. Carol's husband, James Peale '77, is studying for the New Hampshire bar exam • Robin Cogan Marsella is president of Star Consulting, specializing in computers. She and her husband, Steve, have a two-year-old son, Christopher Allen • Roy Meyers received a master's from the University of Michigan in 1981, is working on a Ph.D., and may be found working as an analyst in the Congressional Budget Office down D.C. way · Sharon Walsh McNally and her husband, Brian, have a year-old daughter named Brooke whose job is to keep her mom on her toes. Brian is an agent for Northwestern Mutual Life in Boston • Irl "Bucky" Marshall's master's is in mass communications from the University of Denver. Since being hired by Satellite Communications, a trade journal based in Colorado, Bucky has rapidly risen from account executive to sales manager to associate

publisher and, as of the first of this year, to publisher • Jan Anderson Cogbill is presently at home with her two-year-old son, Christopher. She and her husband, Tom, have just moved from Denver to LaCrosse, Wis., where Tom is a general surgeon in a clinic • John Pine is an editor and reporter for Reuters News Agency in New York City, where he is working on his bachelor's at Fordham. His note included news that Matthew Quinn has been married and that Vin O'Hara is an exceptionally good lawyer • Janice Barber Ferguson, a sixth grade teacher, travelled last summer to Calcutta to work with Mother Teresa's Missionaries of Charity, and is planning this summer to work with Youth with a Mission in Micronesia. Janice's husband, Keith, is a student at Wheaton College in Illinois . Arthur Levering, whose master's in music came from Yale in 1979, performs with the Orpharion Duo for lutenists and classical guitarists. He also runs a small music publishing company and teaches classical guitar at Harvard . Candace Campbell is a free-lance writer in Arlington, Va. . Jack Hoopes has just moved from Arizona to Pasadena, Calif., to begin work as an engineer in solar thermal systems with the Jacobs Engineering Group. Jack has a master's from the University of Arizona • Debra Ingram Ritter is a medical technologist at Brigham & Women's Hospital in Boston. Her husband, Dale, is a C.P.A. at Coopers & Lybrand • Thank you all for writing. It is always a pleasure to hear from you.

Class secretary: MELISSA DAY VOKEY (Mrs. Mark), 11 Cambridge St., Salem, Mass. 01970.

We are getting close to the fiveyear mark, and Delva King, Phil Bruen, and I are making plans for the reunion. Hope to see most of you there. Delva is hard at work running her own business in Houston, Tex, Her firm, Clean Energy, provides various services to many a Houston household. She is really excited by the potential for growth. By the way, for those of you participating in the current baby boom and interested in a British nanny. Delva is definitely your best contact . Union Mutual realizes that they have a great catch in Phil Bruen. Recently promoted, Phil is now working in the Cleveland branch. He and Janet (Deering '79) have purchased a 60-year-old house which they are busily restoring. Phil is encouraging Janet to open a chocolate-chip cookie business. Somehow I get the feeling that Janet may be "producing" more than chocolate-chip cookies in the near future . There is a fairly representative sample of '77's on the west coast. Joanne Karlin Nordhagen and her husband, Jan, are working in computers. When not on the ski slopes at Lake Tahoe, Joanne and Jan are busy with preparations for baby Nordhagen, due at the end of August • Jamie and Kathleen Keegan Cowie are living in Palo Alto, Calif. Jamie is finishing his last term at Stanford Business School, He hopes to secure a position either in New York or California. Kathleen is extremely busy with her own business: Keegan and Kaufman Survey Research Consulting. Her experience in Washington laid the foundation for her success in this consulting firm. Everything appears to be going well for these two . The latest San Franciscan is leff Lowe. leff can now be heard at Lilly's and the Dartmouth Social Club. Lilly's, of Boston Quincy Market fame, decided to build a restaurant in San Francisco and asked Jeff if he would be willing to work out here. He accepted their offer • Jenny Holan was selected as children's librarian at Otis Library in Norwich. Conn. She received a master's in library sciences from the University of Rhode Island and has worked in various library services in Vermont • Peter Cohn wanted to do something different this past New Year's Eve so he worked as a waiter. He said it was interesting watching the celebration from the other side. Actually, Pete has been busy travelling: Canada, Philadelphia, and Vermont. He plans to be in Waterville for reunion weekend Nick lans is also hoping to join everyone for the five-year celebration. He has been busy with his writing while travelling through the Alaskan wilderness • Thanks to both Nick and Pete for keeping in touch. Starting this August, we will have a new secretary who will be responsible for this column. Most of you must realize how difficult it is to write an interesting, current column without interesting, current news. Do try and keep in touch. We want to hear how everyone is doing. I hope to see most of you at reunion.

Class secretary: JANET McLEOD-ROSENFIELD (Mrs. Kenneth), 203 20th Ave., San Francisco, Calif. 94121.

Andy Perkins has written from Malaysia, where he is a Peace Corps training coordinator. Andy's travels have included the Philippines, Indonesia, Hong Kong, and Singapore. Before he returns to the United States this spring, he also plans to visit Thailand, Burma, Nepal, and India • Jim Cook has been guite busy since he stopped working in the Colby capital campaign office. He moved to New York City where he worked in the credit department at Macy's, and now he is planning on going to the University of Southern Maine to get a master's in reading and education • Lise Greenfield is living on Martha's Vineyard where she is a mortgage administrator for Martha's Vinevard National Bank • Donna Long is working at the same bank as an auditor. Donna recently completed an emergency medical technician's course, and she is also working part-time for an ambulance service . Brad Germain writes from New York, where he recently married Beverly Costine. Brad is in his last year at Albany State Medical School and has applied for residency programs in internal medicine in the New England area. Brad writes that Dave Van Winkle is currently in his fourth year of graduate school at the University of Colorado, getting his master's in physics • Alan Donnenfeld is in his first year of residency at Pennsylvania Hospital, working in obstetrics and gynecology . Fritz Martin is living in Santa Barbara, Calif., where he is an associate in the department of physics at the University of California-Santa Barbara. He has been busy rowing a dory down the Snake River in Idaho, participating in the Diablo blockade, and buying a house in Isla Verde, Calif. His upcoming plans include hiking the Grand Canyon and, he hopes, working as a guide on the Snake and Salmon rivers • Peggy Keate writes from St. Louis, Mo., where she is in her third year of law school at St. Louis University. She'll graduate this May, and then plans on clerking this summer for a judge on the Missouri Supreme Court . Annie Marsden is studying at the Columbia School of Social Work. She writes that Steve Belanger is at Mt. Auburn Hospital in Cambridge, working as a case aide • Andrea Dumont is living in New York City, taking ballet and waitressing · Chris Noonan is working on his M.S. in historical preservation at the University of Vermont. He's been travelling throughout the eastern coast and Canada, photographing and researching unique structures. Chris fills us in on the following news: John Geismar is working for a Lewiston, Maine, law firm . Jon Hubbard '77, Doug Maffucci, and Muffy Patten just finished a successful Rent-A-Bike business • In Lewiston, Maine, Dave Raymond '77 has purchased a summer cottage that he is busy winterizing • Tom Suddath is busy working for a law firm in Philadelphia • Ed Smith is enrolled in a historic preservation program at the University of Colorado . That's it for now, and a special thanks to Chris for filling us in on so many of our classmates. Anyone who still hasn't filled out a questionnaire, please drop me a line and let us know what you're up to. Happy summer.

Class secretary: MARJORIE GONZALEZ BLACKWELL (Mrs. Douglas), 55 Pine St., Sudbury, Mass. 01776.

June Fifty is a reference librarian in the science and technology department of the Chicago Public Library. She plays racquetball and sings in a church choir in her spare time . Jane Gair is office manager/registrar for the Ram Island Dance Center in Portland, Maine, and is taking night classes at the University of Southern Maine in chemistry . Jody Hotchkiss is in the Peace Corps for the next two years and would love to hear from Colby folks via Corps de la Paix, B.P. 2098, Libreville, Gabon, West Afrique • John Eginton remains first mate of the schooner Victory Chimes, Rockland, Maine, and is also coaching a wrestling program at Stamford High School • Daisy Dore is a mental health counselor in Massachusetts. Her highlights of 1981 include a new kitten named Katahdin, the second annual "knife-edge" climb of Mt. Katahdin in Maine, and an exodus of many Colbyites to the Boston area • Doug DeAngelis married Vicki Mains in Gloucester, Va., on September 26, 1981. He is a group sales representative for Blue Cross/Blue Shield in Maryland. His news of 1981 includes moving from Maine to Maryland, their wedding, and a trip to the Florida Keys in March with Colby friends • Michael Tracy bicycled 5000 miles with his brother this year and worked in California selling cookies • Bob Dorval, a systems analyst for SCA Services, Inc., will marry Wendy Sue Guild in June, 1982 • David Quigley is a graduate student at the University of Michigan pursuing a master's in Japanese studies and an M.B.A. in international finance. He interned with Goodyear International Corporation in Belgium, working under the finance director of Europe • Katherine Wall is a museum interpreter at the John F. Kennedy Library in Boston • Liz Pinette is in graduate school earning a master's in child development • Sean Smith married Debra Perkins '77 on August 8, 1981, in Cape Elizabeth, Maine, He is a middle school teacher at the Colorado Academy in Denver and she is a consultant for the Solar Energy Research Institute in Golden. He, Brad Warner, and Weld Butler '80 climbed the Grand Teton last summer • Paul Spillane is a bond representative for Aetna Life Insurance in Portland, Maine. He retired from the Oakland A's and moved from Boston to Arizona to California to Maine in six months · Dave Surette is in rock and roll management and his wife, Kathryn Small, is a nursing student. His burning question is, "Where is Sav Zembillas?" • Ben Thorndike is in the credit training program at the First National Bank of Boston, He lives with Bill O'Donnell '80 who works for Technical Data in Boston • Blair Washburn is also at the First National Bank of Boston in the investment division • Douglas Taron is working on a Ph.D. in biochemistry at Northwestern University and is enjoying living in Chicago . Thanks to your loyal response to the questionnaires, this column would be longer than allowed by the Alumnus staff. If you don't see your name in this month's column, don't despair-it'll get in next time.

Class secretary: ANGELA MICKALIDE, 3128 Guilford Ave., Baltimore, Md. 21218.

Sue Manter works in microbiology at Maine Medical • Judi Alexander is assistant to the registrar, working on Portland Museum of Art's \$10 million expansion program . Debbie Pugh is at AMICA Insurance and lives in Yarmouth, Maine . Aspiring to an opening in the art department, Carol Sly works for a printing company . Steve Fogg is at Liberty Mutual, Portland, Maine . Don Bolduc is in underwriting at Union Mutual, also in Portland. He married Kathy Reilly '81 in August • Kim Hallock is on the money market desk at State Street Bank . Glen Coral is a sales representative at John Hancock and plans to enter the marketing management program • Pam Haury is group manager, operator services for New England Telephone on the Cape. She previously worked for eight months at Grove School, Madison, Conn., a residential psychiatric treatment center for emotionally disturbed boys • Catie Fulton is with Aetna's Springfield branch and now lives in Enfield, Conn. The highlight of her news is her recent engagement to Gerry Teeven '79 . In Providence, Bev Nalbandian is in the management training program at Industrial National Bank. She lives with Joanne Shannon, also at "In-Bank" · Paula Baril works for Aetna in Hartford . Many attended the New York Alumni Club's holiday cocktail parties: Nelson Russell (assistant cashier, financial institutions lending area at Bank America's New York office), who lives with Bill Beck (who is in the corporate trust division, Manufacturers Hanover Trust); Lisa Paskalides (overall operations manager at J.J. Kenny); Susan Sullivan (territorial assistant. European American Bank's entertainment and media division); Bob Bower (paralegal aid at Sullivan & Cromwell); Cornelia Ambrecht (who previously worked for a lawyer in Charleston, W.Va., and is now assistant market representative at Frederick Atkins Company, a buying office) . In publishing in New York, Brenda Bowen moved from Basic Books, Inc., to Harper & Row (juvenile books division), the parent company. She lives with Hilary Morton on the upper west side and says that over Christmas she saw Jeremy Beale, who is doing graduate work in political science, University of Sussex, England • Liz Martin returned to the New York area after a four-month "wine-tasting" tour of Europe Mary Ramundo is a lab technician in cancer research, Cold Spring Harbor Labs, New York . Mimi Brodsky and Roni Wechsler live together in Washington, D.C. Aspiring to be a builder. Mimi is field superintendent/project manager at a construction company while taking courses in architecture and construction. A legislative research assistant on New Hampshire Senator Rudman's staff, Roni also teaches math and English to an inmate at a Virginia prison and is completing requirements for her nilot's license

Class secretary: DIANA HERRMANN, 6 Whaling Rd., Darien, Conn. 06820.

81 There is a lot of news to pass on to the 1981 grads • John Clevenger wrote to say that Scott Vandersall is an assistant manager at Merrill Branch Bank in Machias, Maine • Also in banking is Ellen Reinhalter. She is training to be a corporate loan officer with First National Bank of Boston • Fred Madiera has joined Kodak in Rochester, N.Y. • Faith Bramhall is

Milestones

Marriages

Dorcas Hebb '62 to Frank Gilpatrick, August 21, 1981, Las Cruces, N.Mex.

Fredric J. Hopengarten '67 to Dr. Betty Herr, January 24, 1982, Lexington, Mass.

Joseph Allen Steiner '69 to Candace Leslie Palter, September, 1981, Boston, Mass.

Richard W. Handel, Jr., '71 to Marilyn G. Hershenson, June 18, 1981, Eastham, Mass. Ruth L. Moore '71 to Stephen Barningham.

Gregory W. Chapman '72 to Debra Ann Tomeo, July, 1981.

Peter Michael Garrity '73 to Mary McKay, September, 1981, Greensboro Bend, Vt. David Pierce Godfrey '73 to Marcia Lee Mac-Donald, August 8, 1981, York, Maine.

Claudia Dold '74 to Carl W. Stover III, November 3, 1980.

Stephen M. Horan '74 to Mary F. Doyle,

working in the student activities office at Lawrence University in Appleton, Wis. • John Clevenger spent the summer painting houses with Ken Sharples, and says that they met up with Bob Ryan, John Foster, Bill McCully, and Peggy Babcock, who are also in Portland, Maine . Mike Cronan writes to say that he and Im Brophy '80 are in Arlington, Tex., working for a lumber vard named Payless Cashways. Inc. They are both training for management positions. Mike says that Texas is okay, but that there are lots of cowboys and rednecks running around • Dani Nemec wrote from Columbia University School of International Affairs She said that New York City is quite a switch from Waterville. I don't find that too hard to swallow . Toni Ciota and Susan Wolff are working in Washington, D.C., as paralegal aids. They met up with Bob Ruzzo, who is finally cracking those books at Georgetown Law • Also in law school, at the University of Virginia, is Michelle Andrea · Lisa Denham is working for an international brokerage firm in New York City . Also in the New York area are Sam Weiser, Sonia Turcotte '80, and Doug Herbert '80 • Mike Romano is planning to join the Hartford Police Department if he hasn't already . Kathy Ennis is selling real estate . Off in Europe were Kathy Gallop, Joma Venti, Diane Young, and Tory Sneff. Kathy, Joma, and Diane were interrailing all summer long, and Tory has stayed in southern Germany and is working now . John Andrews and Med Bennett '83 are also in Europe • Carrie Bingham was married in a beautiful ceremony on June 13, and is living in Mississippi • I am working as a savings counselor at United Federal Bank and going to New Hampshire College part-time. I am getting married on September 25, 1982, to lack Burroughs, also of Manchester, N.H. • That's all for now. Be sure to write when you have

Class secretary: PAULA HINCKLEY, 811 Maple St., Manchester, N.H. 03104.

some news to share.

November, 1981, North Falmouth, Mass. Lawrence R. Kominz '74 to Irina Cheprasova,

April 29, 1980. Donald George Richardson '74 to Janet Irene

Begin, 1981, Worcester, Mass.

John Sklepowicz '75 to Younghee Yoo, March 20, 1981.

Susan Staples '75 to Richard C. Smith, June 12, 1981, Haverhill, Mass.

Karen S. Blough '76 to David L. Hamilton, June 13, 1981, Tulsa, Okla.

Richard John Clunie '76 to Kathryn Anne McDonald, August 22, 1981, Lynnfield, Mass. Robert G. Fitzgibbons '76 to Kathryn M. Dunn, August 15, 1981, Rhode Island.

Douglas Glen '76 to Dorothy J. Shamonsky, July 4, 1981, College Park, Pa.

Peter Michael Labombarde '76 to Irene Mary Albano, August 22, 1981, Nashua, N.H. Carol G. McIntyre '76 to James Peale '77, August 22, 1981, Marblehead, Mass.

Dr. Clifford Reichert '76 to Sandra Lee Fornwalt, June 20, 1981, Bryn Mawr, Pa.

Douglas John Rooks '76 to Lorna Ann Hughes, July 25, 1981, New Hampshire.

Charles Bennett III '77 to Terri Kinsman, September 19, 1981, Hampton Falls, N.H. William Lawrence Collier '77 to Janice Elaine

Caminiti, October 10, 1981, Portland, Maine. John W. Einsiedler '77 to Stephanie DeLuca, August 22, 1981, Connecticut.

Russell Marchant Lowe '77 to Pamela Vincent Friedman, September, 1981, Old Lyme, Conn. Debra Nancy Perkins' 77 to Sean Samuel Smith '79, August 8, 1981, Cape Elizabeth, Maine. Amy Letitia Schuetz '77 to Ricky Paul Jacques

'78, July 11, 1981, Lake Forest, Ill. James J. Schwartz, Jr., '77 to Abbie Eaton Van Nostrand, June, 1981, New York, N.Y.

Paul S. Todd '77 to Karen K. Hall, August 15, 1981, Massachusetts.

William M. Yoder '77 to Judith E. Barba, July 25, 1981, Harvard, Mass.

Norman Bouchard '78 to Jean Marie Cremins, September, 1981, Stoneham, Mass.

Elizabeth Dugan '78 to John A. Kochevar, November, 1981, Keuka Park, N.Y.

David C. Farnsworth '78 to Catherine Porter Deming, August 8, 1981, Cape Elizabeth, Maine.

Bradford Germain '78 to Beverly Costine, July 18, 1981, Attleboro, Mass.

Scott Calvin Graffam '78 to Kristin Marie Wirth, August 22, 1981, South Portland, Maine.

Gayle Elizabeth Amato '79 to William Respess Kenefick, October 10, 1981, Hartford, Conn. Randall S. Bush '79 to Christine P. Cluen, October, 1981, Naugatuck, Conn.

Vicki L. Mains '79 to Douglas B. DeAngelis '79, September 26, 1981, Gloucester, Va.

Paula Emily Polak '79 to William S. Bartlett, September 7, 1981, Williamstown, Mass. Thomas P. Riley '79 to Susan MacKenzie, Oc-

tober, 1981, Beverly, Mass. Gretchen Huebsch '80 to Michael I. Daly '80.

October 24, 1981, Nonquitt, Mass.

Richard F. Schaub, Jr., '81 to Susan C. Brandenburg, October 3, 1981, Princeton, N.J.

Births

A daughter, Rachel Elizabeth, to William E. and Frances Morse Bowen '67, M.D., August 10, 1981.

A son, Michael Benjamin, to Lawrence J. '69 and Susan Doten Greenberg '70, January 21, 1982.

A daughter, Erica Katherine, to Richard N. and Karen Johnson Mank '70, December 2, 1981. A son, Stewart Andrew, to Mr. and Mrs. Andrew Campbell '72, February 8, 1981.

A daughter, Jane Goodhue, to Mr. and Mrs. H. Neal Conolly '74, September 1, 1981.

A son, Eric Andrew, to Robert '75 and Ann Carlaw Evans '75, October 28, 1981.

A son, Andrew Maurice, to Roland '76 and Adele D'Amico Martel '76, January 22, 1982.

A daughter, Brooke Pierce, to Brian and Sharon Walsh McNally '76, April 15, 1981. A son, William David II, to William '76 and Janet MacPherson Younker '77, December 27, 1981.

A son, Jared Thomas, to Jeff and Donna Dietzko McKeage '78, February 25, 1982.

Deaths

John Everard Hatch '08, November 12, 1981, in Terrell Hills, Tex., age 94, Born in Palermo. Maine, Colonel Hatch was a career officer in the U.S. Army. He was also a graduate of the U.S. Military Academy at West Point, and of the U.S. Army War College. He saw service in two world wars and was awarded the Legion of Merit in 1944 for performance of outstanding duty in action in the South Pacific theater. Upon his retirement in San Antonio, Tex., he involved himself in many civic activities, becoming director of that city's Safety Council and Goodwill Industries, and senior warden at St. Paul's Episcopal Church. When he was 90. he published a book entitled Stumbling Blocks in the Bible, "a book I've wanted to write for 66 years," Colonel Hatch explained. He was also the author of a feature article in the Spring, 1975, Alumnus, "When Street Cars Ran to Boston." While at Colby he was a member of Alpha Tau Omega. Survivors include his wife, Helen, one son, one daughter, six grandchildren, and six great-grandchildren.

Cleveland Thurston '10, in Milbridge, Maine, November 12, 1981, age 94. A graduate of Bates College, he also attended Colby and Harvard University. He was a secondary school teacher in Maine and Connecticut, retiring from teaching in 1948. While at Colby, he was a member of Zeta Psi fraternity. Survivors include his wife, Marion, three sons, ten grandchildren, and six great-grandchildren.

James Burleigh Thompson '12, in Calais, Maine, November 11, 1981, age 90. A native of northern Maine, Burleigh Thompson was teacher or school administrator for many years in schools around the state. He received an M.A. degree from Columbia University Teacher's College in 1927 and was subsequently school administrator in Fort Lee, N.J., and at Fairleigh Dickinson University. While at Colby he was a member of Phi Delta Theta. He returned to Princeton, Maine, upon retirement and was active in community affairs and in his church until his death. Survivors include a son, a sister, and one grandson.

Emmons B. Farrar '14, in Port Charlotte, Fla., January 26, 1982, age 89. A native of Maine, he spent forty-four years both as teacher and administrator in Maine, Tennessee, and New York. He served as first lieutenant in the infantry in World War I and as major in the U.S. Army Air Corps in World War II. While at Colby he was a member of Delta Kappa Epsilon. Survivors include his wife, Eleanor, and a son.

Nathaniel Weg '17, D.D.S., January, 1982, New York, N.Y., age 88. A native of New York, Dr. Weg practiced dentistry there for most of his life. He received his professional degree from the New York University Dental College in 1918, and also served in the U.S. Army Medical Corps in World War I. In 1956 he was awarded an honorary Professor of Dental Surgery appointment from the dental college of the University of Santo Domingo, Dominican Republic. He was presented with a Colby Brick in 1953, in recognition of his many years of service to the New York Colby Alumni Association, both as president and treasurer. Dr. Weg was a member of the Masons for more than sixty years. Survivors include a nephew, Martin S. Weg '44.

Daisy Murray Wilson '18, in Winthrop, Maine, August 17, 1981, age 86. A native of Maine, she taught secondary school in New Hampshire and Maine for several years. She was active in community affairs in Winthrop and Augusta, including the American Association of University Women and the Winthrop Methodist Church. She is survived by a daughter, two brothers, six grandchildren, and four great-grandchildren.

Arthur Ferdinand Scott '19, D.Sc. '64, in Portland, Oreg., January 8, 1982, age 83. A distinguished scientist, teacher, and administrator, he received M.A. and Ph.D. degrees from Harvard and an honorary Doctor of Science degree from Colby on the occasion of



his forty-fifth reunion. During his long professional career, most of it spent at Reed College in Portland, Oreg., Dr. Scott received many awards and honors in the college teaching field. He was acting president of Reed College during World War II, and following the war he embarked on yet another professional field, radio chemistry. He established the first radioisotope laboratory in a Portland hospital and pioneered in the creation of the Reed College nuclear reactor-the only undergraduate facility of its kind in the world. He conducted research at MIT, Brookhaven, and the University of London, and was head of Special Projects in Science Education at the National Science Foundation. Reed College awarded him a D.Sc. in 1973. At Colby he was a member of Phi Beta Kappa and Delta Kappa Epsilon. He is survived by his wife, Vera, three daughters, and ten grandchildren.

Walter Wyman Cross '20, October 22, 1981, in Warner, N.H., age 87. Born in Massachusetts where he spent much of his life, he was a graduate of Hebron Academy in Hebron, Maine. He attended Dartmouth College as well as Colby, but left before graduating to serve in the U.S. Navy in World War I. He was a security officer in the armored car division of the Brinks System in Boston, Mass., for twentysix years. He is survived by his wife, Frances, two daughters, a sister, six grandchildren, and six great-grandchildren.

Dorothy Knapp Child '21, in Manchester, N.H., December 26, 1981, age 83. A resident of Pembroke, N.H., for fifty-six years, Mrs. Child taught briefly at Pembroke Academy following her graduation from Colby. She was a member of the Pembroke Congregational Church and choir, the Pembroke grange, Daughters of the American Revolution, and a fifty-year member of the Eastern Star and Rebekahs. Survivors include a daughter, two sons, and eight grandchildren.

Arbine Smith Chenevert '26, January 12, 1982, in Portland, Maine, age 76. A native of Maine, she attended Colby but graduated from the University of Maine, receiving a B.A. degree in education. She taught school for fifteen years in Portage Lake, Harmony, and Cape Elizabeth, Maine, and was a researcher for the Department of Economic Development for five years. She was a member of the Cape Elizabeth Congregational Church, the Cape Elizabeth Garden Club, League of Women Voters, and the First Parish Congregational Church of Yarmouth. Survivors include three daughters, four sisters, eight grandchildren, and two great-granddaughters.

Louise Blanche Bowden '27, in Blue Hill, Maine, January 17, 1982, age 77. Born in Blue Hill, Mrs. Bowden returned to that town after forty-three years in Orono when her husband retired from the staff of the University of Maine. She was a member of the Blue Hill First Baptist Church. Survivors include her husband, Ralph, and one son.

James Henry Woods '29, December 11, 1981, in Nashua, N.H., age 74. Born in Brooklyn, N.Y., he was a graduate of Coburn Classical Institute before coming to Colby. He earned an S.T.B. degree from Harvard Divinity School, served in World War II as an army chaplain, retiring as a major in 1946, and attended Boston University School of Social Work, from which he earned a B.S. in 1948. In 1953 he graduated from Cleveland-Marshall Law School with an LLB. In his profession as social worker, he became executive director of the Golden Age Centers of Cleveland, Ohio, and eventually a life trustee. He was a member of the Ohio Bar and the National Association of Social Work. At Colby he was a member of Alpha Tau Omega. He is survived by his wife, Rebecca, and a sister.

Thayer Hall French '31, in Fitchburg, Mass., December 23, 1981, age 71. He was an inspector for General Electric in Fitchburg for more than thirty-two years and a former owner of French the Florist Shop. While at Colby he was a member of Lambda Chi Alpha. He was a past master of the Westminster grange and, in recent years, served as deacon and trustee of the First Congregational Church of Westminster. Survivors include his wife, Harriet, a son, two sisters, and three grandchildren.

William James Chapman '34, in Westfield, Mass., November 8, 1981, age 70. A native of Massachusetts, he lived there all his life and worked as banker and businessman, as well as trustee and director of numerous philanthropical organizations. He was president of Chapman Fuel Co., United Transport Lines, Inc., and Asphalt Paving, Inc., and a director of the Third National Bank of Hampden County. In 1969 he was presented the Outstanding Citizen Award by the combined service clubs-Lions, Kiwanis and Rotary-of Westfield. A loyal alumnus of Colby, he expressed encouragement and support for the college throughout his life. While a student he was a member of Alpha Tau Omega. Survivors include his wife, Margaret, and a son and daughter.

W. Winthrop Clement '34, February 24, 1982, in Jersey City, N.J., age 70. Born in Winthrop and graduated from Winthrop High School, he spent most of his professional life in New York City and surrounding areas. He was chairman and chief executive officer of Clement and Ganfield, Inc., and a partner in Abrams, Clement and Bogue, an advertising agency serving insurance industry clients. He was executive secretary of Risk Research Institute, now Risk and Insurance Management Society, and executive vice-president of National Association of Insurance Brokers. He established the personal insurance division of American International Underwriters and was subsequently public relations manager of AIU. An active worker for the American Cancer Society, he was the author of many articles and speeches, and of The Club on Golden Hill, a history of the Drug and Chemical Club of New York City. He was proud of his college and warmly attached to his native state, spending vacation time in the area whenever he could. At his twenty-fifth reunion in 1959, he received a Colby Gavel, marking his position as president of the Insurance Advertising Conference. He is survived by two sisters and several nieces and nephews, including Nancy Webber Thompson '51, Laurie Thompson Lee '74, and Peter Thompson '76.

C. Yvette Gousse Guite '35, December 17, 1981, in Waterville, age 68. A native of Waterville, she was a graduate of Lawrence High School. She assisted her husband in the operation of Guite's Jewelry Store in Waterville and worked at Furbush Chevrolet in Waterville for many years. She also taught in the neighboring Farfield school system and was secretary for SAD 49. She is survived by two sons, two daughters, one brother, and twelve grandchildren.

Samuel Dwight Howard '43, in Saco, Maine, December 21, 1981, age 59. A native of Massachusetts, he spent his professional life in Maine as teacher and head of the mathematics department at Scarborough High School, from which he retired in 1981. He also owned and operated Bay View Camps and Lodge in Saco for many years. He was a member of the Maine Retired Teachers Association and an army veteran of World War II. He is survived by one son and three daughters.

John E. Poirier '44, D.M.D., in Waterville, Maine, January 23, 1982, age 59. A native of Fort Kent, Maine, Dr. Poirier was a graduate of Coburn Classical Institute and of Tufts Dental School, During World War II, he practiced dentistry with the U.S. Army on Adak, in the Aleutian Islands. In 1948 he joined his father's practice in Waterville, where he continued until his retirement in 1981. (A son, John T. Poirier II, succeeds his father and grandfather in the same practice.) For a number of years, he was a member of the board of governors of the New England Dental Society and served as its president in 1976. He was also a member of Sacred Heart parish, the Waterville Rotary Club, the American Dental Society, and the Kennebec Valley Dental Society. He is survived by his wife, Alice, his father, one son, five daughters, and three grandchildren.

George J. Doyle, Jr., '51, in Waterville, Maine, January 11, 1982, age 56. A native of the Waterville area, he was educated at Coburn Classical Institute and served in the U.S. Navy during World War II before coming to Colby. He worked for Farrar Brown Company for several years and was manager of the company's Augusta store for about two years. In 1972 he opened and operated Doyle's Auto Supply Company with stores in Winslow and Fairfield. He is survived by his parents, one brother, and two sisters.

Joy W. DeLong Keough '51, December 24, 1981, in Kirkland, Wash., age 51. She was born in Bridgewater, Maine, and attended Ricker Classical Institute. A member of Delta Delta Delta sorority at Colby, she received a degree with honors in physics. She was an engineer for Pacific Northwest Telephone Company for many years and a member of the Society of Women Engineers, League of Women Voters, and Lake Washington United Methodist Church. Survivors include her mother, two sons, one daughter, and one granddaughter.

ALUMNI CLUB AND REGIONAL NEWS

The variety of alumni interests continues to grow, and Colby alumni are organizing more exciting events across the country all the time.

Washington, D.C., alumni met with President William Cotter at the home of Dale and Bebe Clark Mutz '61. Also, several families opened their homes to students in Washington during the January Program of Independent Study–all reporting that to be a fascinating and worthwhile experience.

President Cotter also met with alumni at the New York City Club and the Hartford area annual dinners. Invigorated by their successful tour of the West Side last fall, New Yorkers met for a spring walking tour of the West Village.

Closer to campus, there were lots of high spirits and high stakes at the **Boston** Club's annual fund-raiser, Monte Carlo night; and Maine hockey fans met for a cocktail party in **Portland** prior to Colby's face-off in the Down East Classic Hockey Tournament.

The **Waterville** Club hosted a reception attended by members of the senior class prior to the University of Maine hockey game. Vice-presidents Stan Nicholson and Paul Dorain were guests of the Waterville Club at their potluck supper, organized by Jane Russell Abbott '41.

Florida groups are flourishing again! Miami area alumni met for a dinner and social hour, and a premiere showing of the Colby film "Three Presidents." Brian '74 and Katy Seabrook MacQuarrie '75 made all the arrangements, and Pen Williamson '63, director of alumni relations and annual giving, delivered the film straight from the producer's hands.

Colby professors Walter and Lucille "Kye" Pinette Zukowski '37 were special guests at the **St. Petersburg/Clearwater** and the **Fort Myers** area luncheons. Alumni and friends enjoyed delicious meals and the opportunity to hear first-hand news of Mayflower Hill. Gordon Patch Thompson '35 and Carleton Brown '33 once again planned the St. Petersburg affair this year, and Jean Watson '29 planned the inaugural Fort Myers meeting.

Professor Roger Bowen of the government department met with **Chicago** alumni on his way to Japan. In addition to showing the Chicago folk "Three Presidents," he discussed current activities of the government department, growth of Colby's interdisciplinary East Asian studies program, and campus events involving fraternities and El Salvador.

Worcester area alumni enjoyed a successful annual dinner, thanks to the efforts of Duncan Leith '73. Susan Conant '75, associate director of alumni relations, and Pen Williamson attended on behalf of the college and showed the "Three Presidents" film to movie fans.

Mr. Williamson also acted as film-master for the **Houston** Club at a gathering of Texas alumni at the home of Eleanor Thomas Curtis '40. Organizing efforts of Maurice Krinsky '35 helped bring the "Lone Star" alumni together for that meeting.

The **Providence** Club held its annual dinner at the Club Casablanca in the arcade building. Architect Irving Haynes '50, who designed the renovation of the arcade, spoke on the history and art of the building.

The executive committee of the **Greater New York Alumni Association** expressed deep regrets over the death of their long-time president and friend, Nathaniel Weg '17. "As a small measure of our respect and appreciation for Nat's service, our annual scholarship drive bears his name, along with that of his good friend, Nat Gallin '28. The Gallin-Weg Scholarship has helped and will continue to assist numerous Colby students from the New York area," the committee wrote. "Nat Weg's leadership was vital to the welfare of the association, and his loyalty to us and to Colby will be sorely missed."

