On the Cover

Between classes at the Summer Session of the College of Arts and Science, Gail Wolff and Tom Rickert relax on a boat dock on the Genesee River at the edge of the River Campus. They were among students from many colleges who attended the summer classes. Gail, a junior at Cornell University, took courses in education. Tom, University of Rochester senior, editor of the Campus-Times, student newspaper, took work in psychology. See story, pages 13-17.
THE UNIVERSITY

Donald W. Gilbert... 1900-1957

The University suffered an irreparable loss on August 26 in the death of Donald W. Gilbert, '21, inspiring teacher to many generations of Rochester students and a key administrator who was in the forefront of the University's great educational advances in the past decade as Provost, Vice President and Director of the Office of University Development, and first Director of the Canadian Studies program. He was fifty-seven.

The effective job Dr. Gilbert did in setting up the huge organization for the $10,700,000 Development Fund Campaign and its successful outcome paved the way for the great strides the University has made in strengthening and integrating the entire institution with the merger of the Men's and Women's Colleges at the River Campus, the building program, and new educational undertakings.

His warm personality and gift for friendship, his great interest in students as undergraduates and alumni, and his selfless devotion to the University's welfare won him the deep affection and esteem of his colleagues and of Rochester graduates. President de Kiewiet summed it up in his eloquent tribute:

"There is nobody in the entire university who does not have a painful sense of personal loss at the news of Don Gilbert's death. He was the ideal colleague. He taught with enthusiasm; he accepted difficult assignments with courage he was patient in difficult situations.

"To him the University was a family and he loved his membership in it. He was a completely unselfish man with a great gift for making and holding friends. There certainly was no finer link between the University and the community than Don Gilbert."

And, as the Alumni Association stated in its citation of Dr. Gilbert in 1952, "he did more than we could expect of any one man to build a sound University and to make this University part of the life of the community."

A memorial service was conducted on August 29 in Strong Auditorium on the River Campus.

As an undergraduate, faculty member and administrator, Dr. Gilbert's association with the University covered a period of forty years. A Phi Beta Kappa member of the Class of 1921, he began his teaching career as an assistant in economics in 1922, received his master's degree here in 1923, and another at Harvard University in 1924, after which he returned to Rochester as an instructor, rising to assistant professor in 1928, junior professor in 1932, when he received his Ph.D. degree from Harvard, and full professor in 1939.

In 1940 he was appointed Dean of the Division of Graduate Studies, and when it was reorganized as the Graduate School in 1942, he became its Dean, serving through 1948. Under his leadership, the high quality of work in the Graduate School was recognized by the University's election, in 1941, to the Association of American Universities, composed of the thirty-seven leading graduate schools in this country and Canada. From 1946-1948 he also was Chairman of the Department of Economics and Business Administration.

The new position of Provost of the University was created in 1948 under President Alan Valentine's administration, and Dr. Gilbert was promoted to that post. That same year, he directed the establishment of the University of Rochester Management Clinics in cooperation with about fifty Rochester business and industrial organizations, which won nationwide attention for their significant contribution in raising the level of economic understanding about national and community economics.

When President Valentine was on leave as chief of the Marshall Plan mission to the Netherlands in 1949-1950, Dr. Gilbert and Raymond L. Thompson, '17, Senior Vice President and Treasurer, shared the responsibility for the University's administration with such conspicuous success that the Alumni Association awarded them a special citation "for..."
meritorious service beyond the call of duty." During this period, too, Dr. Gilbert directed the special events celebrating the University's Centennial in 1950.

Soon after he became the University's fifth President in 1951, Dr. de Kiewiet appointed Dr. Gilbert as Vice President and Director of the Office of University Development. Two years later, he suffered a heart attack that made it necessary for him to relinquish the heavy responsibilities of that office. He returned a few months later to take over the directorship of the new Canadian Studies program, but again his health forced him to discontinue that work, and he returned to teaching as Professor of Economics.

In addition to his busy schedule of campus activities, Dr. Gilbert was prominent in civic, state, and national organizations, as chairman of the Citizens Tax Committee, chairman of the research committee of the Council on Postwar Problems for Rochester and Monroe County, chairman of the Economic Advisory Committee of the State Legislative Committee on Interstate Cooperation, chairman of the Rochester Association for the United Nations, a trustee of the Rochester Savings Bank, Chamber of Commerce, Brookhaven National Laboratory, and Rochester Bureau of Municipal Research. He was a member of the University Club, Pundit Club, and Psi Upsilon fraternity.

Surviving Dr. Gilbert are his wife, Eleanor Garbutt Gilbert, '19, his daughters, Emily G. Gleason, '46, now living in Tokyo where her husband, Alan, is on the faculty of the International Christian University, and Virginia G. Hoesterey, '50, four grandchildren, and his father, Avery S. Gilbert.

Many Major Appointments, Faculty Promotions Made

Eight major additions to faculties in the College of Arts and Science and the Eastman School of Music, and promotions in many departments of the University have been approved by the Board of Trustees.

From the University of Chicago, where he has been Dean of Students for the past year, comes forty-one-year-old Dr. McCrae Hazlett, who has been appointed Dean of Students in the College of Arts and Science to succeed Dr. Margaret Habein, now Dean of Fairmount College of Arts and Science, University of Wichita. A graduate of Westminster College in 1937, Dr. Hazlett received his master's degree in 1938 and his Ph.D. in English in 1951 at Chicago. He taught English at Westminster and Chicago for several years before being named assistant dean of students in 1948. In 1952 he was appointed assistant director of admissions and in 1955 director of admissions.

Dean Hazlett comes to Rochester with the highest recommendations from his colleagues at the University of Chicago, and his experience, warm personality and excellent record in his relations with the undergraduate students make him eminently qualified for the position of Dean of Students at Rochester, says President de Kiewiet. Dean Hazlett and his attractive wife have three children, William, fourteen, Alex, eight, and Janet, three.

The new head of the expanding program in Business Administration, as Professor and Chairman of the department, is Dr. John M. Brophy, associate professor at the New York State School of Industrial Relations, Cornell University, for the past seven years, and well-known as a consultant to many industries in New York State. His fields of special interest are personnel administration, education and training in industry, wage and salary administration, and industrial and technical education.

Dr. Brophy is a graduate of Stout State College, Menomonie, Wis., and received his master's degree in education at the University of Minnesota in 1941, and his Ph.D. degree at Cornell in 1947. As parents of nine children, Dr. Brophy and his wife, Eleanor, can boast the largest faculty family at the University of Rochester. The other members of the family are Kathleen, seventeen, twins Richard and Robert, fifteen, Gerald, fourteen, Tommy, eleven, Margery, nine, Mary Ann, seven, John, six, and Paul, four.

As reported in the May issue of the Review, the former Department of Economics and Business Administration has been divided into separate departments. Dr. Eric C. Vance, '25, who has been promoted to full Professor of Business Administration, was Acting Chairman of that department until September 1.

Dr. Lionel McKenzie, Rhodes Scholar, formerly associate professor at Duke University, where he was a member of the faculty for nine years, and nationally known for his economics
research, is the new Chairman of the Department of Economics, as previously announced. Dr. J. Nathan Wolfe, of the University of Toronto, has been added to the economics faculty as Visiting Associate Professor for the 1957-1958 academic year. Senior members of the department include Professors William E. Dunkman, back this fall after a year in Japan as visiting professor of economics at Tohoku University under a Fulbright professorship, Warren S. Hunsberger, Haloid Professor of International Economics, and Associate Professor Robert R. France.

An outstanding appointment has been made in the Division of Education where Dr. Edward C. Merrill, associate professor of education at Alabama Polytechnic Institute School of Education, has been named Professor of Education. Thirty-six-year-old Dr. Merrill is known throughout the South for his research with the Southern States Cooperative Program in Educational Administration and as a consultant in school planning and the development of more effective training programs in school administration. He also has been a associate director of a project in secondary education financed by the International Paper Company Foundation to improve instruction in fifteen school systems located in communities where the company has plants. At Alabama Polytechnic he has taught doctoral level courses in school administration, and he is the author or co-author of a number of books on public education and educational administration. He is a graduate of the University of North Carolina, with a master's degree from the University of Tennessee in 1948 and a Ph.D. degree from George Peabody College for Teachers in 1953. He and his wife have four children, aged one to eight years.

Also in the Division of Education, of which Dr. William A. Fullagar is Chairman, Dr. Byron B. Williams has been promoted to Professor, and Dr. Roberta A. E. Johnson to Associate Professor. Dr. Williams has been on the faculty since 1946, and Dr. Johnson since 1952.

At the Eastman School of Music, Miss Josephine Antoine, noted lyric soprano, formerly of the Metropolitan Opera Company, is a new member of the School's artists' faculty, succeeding Nicholas Konrati, who retired in June as teacher of voice and opera. Miss Antoine was for twelve years a leading member of the Metropolitan Opera, has appeared as guest artist in both the Chicago and San Francisco Opera companies, and has been soloist with many of the leading symphony orchestras. She is an experienced teacher as well as a concert artist and comes to the Eastman School from the University of Texas faculty.

Six members of the School of Medicine and Dentistry faculty have been promoted from Associate Professors to full Professors, as follows:

Dr. Nolan L. Kaltreider, formerly part-time Associate Professor of Medicine, has been appointed full-time Professor, and Physician in Strong Memorial Hospital. Dr. Kaltreider, who last May was elected president of the Rochester Academy of Medicine, has been associated with the Medical School since 1931, when he began as an intern in the Hospital.

Dr. William F. Eberlein, who has been at the Institute of Mathematical Sciences for the past year and previously was on the faculties at the University of Wisconsin and Wayne University, has been appointed Professor of Mathematics. He is a graduate of Harvard College in 1938, with a master's degree from the University of Wisconsin in 1939, and a Ph.D. from Harvard in 1942. After serving as an instructor at Purdue University and the University of Michigan, he spent the 1947-1948 year at the Institute for Advanced Study, Princeton, N. J., and from 1948-1955 was assistant and associate professor at the University of Wisconsin. He was appointed professor of mathematics at Wayne University in 1955.

Previously announced was the appointment of Dr. Colin M. Turbeyne, Australian-born member of the University of California at Berkeley faculty, as Associate Professor of Philosophy, beginning this fall.

Dr. Arnold W. Ravin is the new Chairman of the Department of Biology, succeeding Dr. Kenneth W. Cooper, who has resigned to become graduate research professor of biology at the University of Florida. Known as an exceptionally able teacher, Dr. Ravin, who is thirty-five, has been on the Rochester faculty since 1953 as instructor and Assistant Professor. He is a graduate of the College of the City of New York, and holds master's and Ph.D. degrees from Columbia University. Before coming to Rochester he was a U. S. Public Health Service research fellow in the Laboratory of Genetics, University of Paris, France.

Under Dr. Cooper's leadership since 1952, the Biology Department has been considerably strengthened with the addition of a number of able young biologists to the staff and expansion of research activities. Research grants during that period have increased from about $3,000 to over $90,000 a year, and members of the department and graduate students have won an impressive number of distinguished fellowship awards and grants.

In the Division of Engineering, Dr. Charles H. Dawson has been promoted to full Professor and named Acting Chairman of the new Department of Electrical Engineering which begins its four-year undergraduate program this fall. Dr. Gung-Jen Su, formerly Acting Chairman of the Chemical Engineering Department, also has been promoted to full Professor.

Two members of the English Department, Dr. Joseph Frank and Dr. William Jamison, have been promoted to Associate Professors. Dr. Jamison has been on the faculty since 1946, and Dr. Frank since 1948, both coming as instructors.

The Rev. Dr. Robert H. Beaven, formerly Director of Religious Activities and Chaplain in the College of Arts and Science, now holds the title of University Director of Religious Activities and University Chaplain. He continues as part-time Assistant Professor of Religion in the College. In his new position he will serve both as coordinator of religious activities on a University-wide basis and as counselor and Chaplain to Protestant students.

The University | 5
RAPID ADVANCES in nursing in recent years have presented a strong challenge to universities to design educational programs that will better fit young women to meet the responsibilities now being carried by the nursing profession.

The University of Rochester has taken forward-looking action to strengthen its baccalaureate basic program in nursing by creating a Department of Nursing in the School of Medicine and Dentistry, with its own salary budget and newly-remodeled office accommodations and its own chairman who also serves as Director of the diploma School of Nursing. This plan provides initial steps toward differentiation between the professional courses in nursing offered the diploma and degree students.

To fill the combined position of Chairman of the Department of Nursing and Director of the School of Nursing, the University was fortunate in obtaining Miss Eleanor Hall, who began her new duties on July 1. Since 1951, Miss Hall has been assistant dean and associate professor of nursing education at Yale University School of Nursing, where she went in 1948 as clinical coordinator and assistant professor of nursing education. She had previously spent four years as assistant director of nursing and nursing arts instructor at Johns Hopkins School of Nursing.

"We are indeed fortunate that Miss Hall will be the first head of the new Department of Nursing," said Dr. Donald G. Anderson, Dean of the School of Medicine and Dentistry. "With her background of experience at Johns Hopkins, the Presbyterian Hospital in New York, and the Yale School of Nursing, she is ideally fitted to give this new program inspir-

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ing leadership. It is clear that in addition to training and experience in the techniques of nursing, the student nurse needs a sound education in the natural sciences and the social sciences on which the practice of nursing is based. The student's education should also help to prepare her for the role of leadership that more and more nurses are being called upon to fill as head nurses, supervisors, teachers, directors of nursing service, and similar positions of responsibility in voluntary and official health agencies.

"Because of the increased demands for careful planning and supervision of the education of nurses, most universities have in recent years found it necessary to place their educational and service programs under separate administrations. Decision to take this step at the University of Rochester was reached last spring after a long and careful study of the University's program in nursing."

Miss Hall was graduated from the Presbyterian Hospital School of Nursing, New York City, in 1936, and received a Bachelor of Science degree in 1939 and a master's degree in

Alexander Ends Golden Era as Head Basketball Coach

FOR the first time in twenty-six years, during which Varsity basketball teams have had only four losing seasons, Lou Alexander will be missing this fall and winter from his accustomed place as head coach. He announced his retirement from that position on June 21.

He continues, however, as head of the Physical Education Department, Director of Intercollegiate Athletics, and head baseball coach.

The new head basketball coach is slim, boyish-looking Lyle Brown, thirty-four, who has been assistant Varsity court mentor for the past two years. Before joining the University's physical education staff, he was for ten years coach at Pittsford High School where his cage teams won seven league championships. Brown, who also is Varsity soccer coach and freshman baseball coach, and who holds bachelor's and master's degrees in physical education from Ithaca College, says the job of head basketball coach at Rochester "is the one I've wanted ever since I began coaching." It won't be easy following in Lou's footsteps, he acknowledges, but he considers it "a wonderful opportunity" and hopes to have the good luck to approximate Lou's winning percentage.

Known throughout national college circles as a master of basketball fundamentals and for his zone defense innovations, Lou Alexander came to Rochester in 1931 from his alma mater, the University of Connecticut, where he was regarded as one of its greatest all-time athletes, and where he was basketball coach for eight years. Since that time, his Rochester teams have won 247 games and lost 137. His best season was in 1941-1942, when the Yellowjackets became the only undefeated college basketball team in the country, including among its victims such high-ranking competitors as Yale, Michigan, Princeton and Colgate. The following year, Rochester won twelve of its fourteen games, defeating among
1948 at Teachers College, Columbia University. She has served as president of the Nurses Educational Funds, Inc., New York City, chairman of the advisory committee to the Economic Security Program, Connecticut State Nurses Association, and is a member of the American Nurses Association and the National League for Nursing.

Miss Beatrice Stanley, who since 1954 has been Director of both the School of Nursing and of the Nursing Service of Strong Memorial Hospital, now devotes her full time to her work as Director of Nursing Service.

The new Department of Nursing will work closely with the other departments of the Medical School, the faculty of the College of Arts and Science, and the Nursing Service of the Strong Memorial Hospital, and will have the responsibility for both the college degree and diploma nursing programs. The University has appointed a joint committee representing the College and the Medical School to assist Professor Hall in developing an improved curriculum for students in the baccalaureate degree basic program.

Others Cornell, Harvard, Colgate and Ohio State. Probably the most thrilling game of his career was Rochester’s 44-42 triumph over New York University with a last-second goal in the 1943-1944 season, when Rochester’s team consisted mainly of Navy V-12 players.

Last year, it will be remembered, Lou Alexander was honored by many of his former players, coaching colleagues, alumni and students at a dinner marking his twenty-fifth anniversary. At that time, the Alumni Association established the permanent Louis A. Alexander Trophy to be awarded each year to the senior who makes the outstanding contribution to the College in athletics and general student activities, character and leadership.

At that time, Dr. J. Edward Hoffmeister, then Dean of the College, aptly described Lou Alexander’s impact on the UR athletic program in this wise:

“The University of Rochester is fortunate in having established and maintained a sane and healthy athletic policy—one which is the envy of many colleges. We are proud of the record of our athletic teams, but we are even more proud of our athletes themselves. They are not only good athletes but they are well-rounded and intelligent men. Lou Alexander has personified this tradition for twenty-five years.

“Lou does not take his athletics lightly. He wants to win more than any man I know. If there is any doubt about this just watch him during a basketball game when he thinks we have been robbed. But he insists that we win or lose under the standards and code of athletics we have established. In doing this he has built for himself and for the University an enviable reputation for integrity, sincerity and sportsmanship.”

Dr. Willard M. Allen, ’32M, distinguished medical educator and head of the Department of Obstetrics and Gynecology at Washington University, St. Louis, who received an honorary Doctor of Science degree from Rochester at the June commencement, also was elected to the Board in June in a nationwide ballot conducted by the Alumni Federation. The first graduate of the Medical School to be elected to the Board, he succeeds Richard B. Secrest, ’43, Rochester attorney, as an alumni-elected Trustee.

George Smith, senior member of the law firm of Smith, Kendall & Pedersen, succeeds Amory Houghton, now U. S.
ambassador to France, who resigned from the Board in 1955 after serving for sixteen years. Mr. Smith has for the past thirty years been chairman of the executive committee of the Buffalo Association of University of Rochester Alumni.

His ties with the University are many and close. His wife, Elizabeth Galloway Smith, was in the class of 1937 at the College for Women, and his son, Graham, is a member of the class of 1953. His law partner, Gilbert J. Pedersen, and Mrs. Pedersen, the former Carmen Ogden, were graduated in 1980. Their son, Lars, is a junior in the College of Arts and Science.

Mr. Smith has long been prominent in the cultural life of Buffalo and its suburb, Orchard Park, where he makes his home. He is a director and member of the executive committee of the Buffalo Philharmonic Society, a life member of the Buffalo Fine Arts Academy, treasurer and director of the Orchard Park Civic Music Association, and a director of the Legal Aid Bureau of Buffalo.

He has been practicing law since 1915, when he received his LL.B. degree from the University of Buffalo Law School, and is a member of the Erie County and New York Bar Associations, Delta Kappa Epsilon, American Legion, and Masons.

Dr. Allen won wide recognition in medical circles early in his career when he won the Eli Lilly Award in biological chemistry in 1935 for his work in discovering and purifying the important female hormone progesterone. He was on the Rochester Medical School faculty from 1932-1940, when he was named professor of obstetrics and gynecology at Washington University.

MOFF J. WANTMAN, formerly Associate Dean of Instruction and Student Services, and his wife, Susan Glover Wantman, '35, are now in Singapore where he is the director of a new cooperative project in educational research and measurement at the University of Malaya, conducted jointly by the Educational Testing Service of Princeton, N. J., the University of Malaya, and the Ministries of Education in Singapore and the Federation of Malaya. The E. T. S. is carrying out the program under a grant from the Carnegie Corporation.

The locomotion studies under Dr. Schwartz have received high recognition in the form of medals from the American Medical Association, the American Academy of Orthopedic Surgeons, and the American Congress of Physical Therapy. The research has been supported at various times by grants from the National Foundation for Infantile Paralysis, the Office of Research and Development of the Quartermaster General, the Endicott Johnson Company, the Armstrong Shoe Company, the Women's Educational and Industrial Union, and other organizations.

Dr. Schwartz devised and perfected the oscillographic (electrical impulse) method of recording gait and originated the functional principles in shoe manufacture. The oscillograph takes "electrical footprints" of the way people walk, and provides accurate records to the split second of the pressures on various parts of the foot during walking, both in normal gait and the abnormal walking of persons suffering from a wide variety of foot defects. The apparatus gives a measurable record of the benefits resulting from treatments for any type of disability in walking, such as those related to multiple sclerosis, cerebral palsy, muscular dystrophy, and painful or deformed feet. Dr. Schwartz and his assistant, Arthur L. Heath, have made hundreds of thousands of such measurements.

The basic studies in human locomotion in the Gait Laboratory, the only one of its kind in the world, led naturally to improved understanding of foot functions in walking. It became evident that shoes should be made over lasts designed to meet the functional needs of the foot, which had not been possible previously. The "electrical footprints" provided the precision recording techniques that made possible the development of lasts and shoes which meet those needs without changing shoe fashions. Dr. Schwartz, Mr. Heath and their associates have designed on scientific principles lasts and shoes that have been manufactured for a number of years by a leading American shoe firm, and others in Norway, Sweden, Finland, Holland and Switzerland. The functional features are wholly owned by the Non-Ed Corporation, a non-profit organization that receives and manages any patent rights accruing to the University, and all arrangements for use of func-

New York State's first model cerebral palsy center, now widely known as the University of Rochester's Edith Hartwell Clinic at LeRoy, N. Y., and pioneering research in human locomotion in the University's Gait Laboratory, which he established in 1926 when he first joined the Medical faculty, are among the notable contributions of Dr. R. Plato Schwartz, Professor of Orthopedic Surgery and Chief of the Division of Orthopedic Surgery.

On July 1, Dr. Schwartz became Emeritus Professor and Emeritus Chief, but is continuing to direct the Gait Laboratory's program of broad research in human locomotion, neuromuscular dysfunction and the proper adjustment of footwear for corrective purposes. He also continues to see patients.

Dr. Frederick N. Zuck, '37M, associated with the School of Medicine and Dentistry for the past twelve years, is the new acting chief of the Division of Orthopedic Surgery. He has been senior clinical research associate at the Hartwell Clinic since 1949, and senior research associate in the cerebral palsy program.
Graduate Study Administration
Revised Under Decentralized Plan

By Lewis W. Beck,
former Dean of the Graduate School

G raduate study in the University of Rochester has been organized in an entirely new administrative pattern. The new framework for administering the graduate studies of our more than 1,100 full-time and part-time graduate students is the result of a year-long study of advantages and disadvantages of various arrangements.

In the past, all work for advanced degrees except the M.D. has been under the supervision of the Dean of the Graduate School and a Committee on Graduate Studies. Each of the schools will recommend its candidates for master's degrees (i.e., A.M. and M.S.) and the professional degrees (e.g., Ed.M., A.Mus.D., etc.) to the Board of Trustees.

Work for the Ph.D., however, will remain under the supervision of a central University office. Day by day administration of work for this degree is the responsibility of the departments and the Associate Deans of the several schools but over-all policies for the conduct of Ph.D. work is now vested in a University Council on Graduate Studies, made up of faculty members from each school. The Ph.D. remains a degree for which the University as a whole is responsible. The officer finally responsible for the policies and standards of Ph.D. work has the title of Dean of the Council on Graduate Studies.

Dr. S. D. Shirley Spragg, Professor of Psychology, has been named Dean of the Council. The Associate Deans for Graduate Studies are: Dr. Glyndon G. Van Deusen, Watson Professor of History, in the College of Arts and Science; Dr. Wallace O. Fenn, Professor of Physiology, in the School of Medicine and Dentistry; and Dr. William A. Fullagar, Professor of Education, in the University School. Dr. Wayne Barlow, Chairman of the Committee on Graduate Studies in the Eastman School of Music, and Dr. Eugene Selhorst will administer graduate work in Music.

The new plan was drawn up by a committee consisting of President de Kiewiet, Dean Donald G. Anderson, Dean Howard R. Anderson, Director Howard Hanson, Dean W. Albert Noyes, Dr. Donald W. Gilbert, Professor of Economics and former Dean of the Graduate School, and myself as retiring Dean of the Graduate School. It was widely discussed in the faculties before being adopted by the Board of Trustees.

Almost every conceivable organization has been adopted by one or more American graduate schools. The University of Rochester has already tried at least two. Graduate schools are among the latest additions to the structure of most American universities, and different universities have tried a great many experiments to find the best way to administer graduate work. The chief difficulty probably lies in the fact that graduate work, with its special problems, is often simply superimposed upon separate colleges. Many faculty members thus have two roles, membership in two different but overlapping faculties, and two deans. Such dual responsibilities have not, I think, been unduly cumbersome at Rochester, since all parts of the University are firmly committed to the maintenance of the highest standards of graduate work.

As the number of graduate students and the variety of fields of advanced work grows in the University, however, it seems desirable to simplify the structure. The new Rochester plan is built upon a careful analysis of graduate work. This analysis led to decisions as to which responsibilities can best be exercised by the officials of each college, and which functions can best be vested in a University-wide office.

With the critical shortage of teachers, scientists, and research workers in all fields, the demands on graduate schools will grow for many years. I believe the new organization of our graduate work will put us in a better posture to make our contribution to the learned professions and the world of research and scholarship.

It is our hope that this reorganization will be but another step towards strengthening our entire graduate effort. The greatest needs in continuing our progress, however, remain much the same as before. They are: (1) sufficient funds for stipends which will attract and keep the distinguished scientists and scholars who make the difference between a great and a mediocre graduate school; (2) sufficient funds for stipends which will make it possible for the best qualified students to study in this University. Additional funds for these purposes are needed in almost every department, but the need is perhaps most acute in the humanities and liberal arts. The University of Rochester is competing for the ablest faculty members and graduate students with the best universities in North America and Europe. We cannot allow ourselves to fall behind in our talent resources.
In an address to the Chicago Section of the American Chemical Society on May 25, when he was awarded the Willard Gibbs Medal for distinguished contributions to pure and applied chemistry, Dr. Noyes developed an idea that has received too little attention. It is that the United States needs a foreign policy in science with a qualified person either in the Cabinet or in the President's immediate official family to ensure a proper influence of science in crucial decisions. There are, he said, scientific aspects to broad foreign policy decisions, and there should be scientific experts to advise those making policy. The accompanying article contains excerpts from his speech.

At a time when the foreign policy of the United States is being criticized at home and abroad, it may be presumptuous even to ask the question as to whether we need a foreign policy in science. Since World War II the foreign policy has had its brilliant facets such as the Marshall Plan and the Technical Assistance Program, but on the other hand, this country at times has given the impression of being merely anti-communist without offering a truly constructive program of its own.

The determination and implementation of a foreign policy in a democracy are complex problems which could only be described by a political scientist. . . Nevertheless, a foreign policy should only be formulated with a full knowledge of the economic, social, scientific, and cultural backgrounds of the nations and peoples of the world. Since no one person or even small group of persons can possess the needed information, the policy makers must rely on experts. The very great increase in the world position of the United States over the past few decades has made necessary, therefore, a tremendous increase in the number of permanent employees of the Department of State. To the outsider this growth appears often to be somewhat haphazard and uncoordinated so that various divisions and bureaus seem to have overlapping and even conflicting functions.

The President, the Secretary of State, and the Congress must rely on factual material and recommendations provided by a host of trained people. Our foreign policy is said by many to be vague and full of inconsistencies, but there exists in the United States Government a large body of devoted public servants familiar with all parts of the world and ready to aid in the detailed implementation of a foreign policy whose broad outlines should be laid down by the legislative and executive branches of the government. Failure to use expert advice accounts undoubtedly for some of the missteps this country makes from time to time.

We must distinguish clearly between the utilization of expert scientific knowledge to aid in broad foreign policy decisions and the development of a foreign policy on matters which affect mainly science and scientists. . .

At times decisions must be made which incur a calculated risk of war. Quite obviously a nation will adopt a different policy if it is apt to lose a war than if it is confident of victory. Planes, tanks, submarines, manpower, and the other obvious things which affect the military strength of a country, will be known or estimated with reasonable accuracy, but it is obvious that research and development capacity may play a decisive role in a protracted war. Thus scientists and engineers must be called on for expert advice concerning the quality and quantity of the scientific capabilities of a potential enemy. In this sense science must play an important part in foreign policy decisions.

Communist penetration in the troubled areas of the Middle East and Asia will be greater, the lower the standards of living in these areas. The improvement in living conditions must be based on increased food production, better health measures, and better transportation. Each area will have its own peculiar problems. Some are arid, some are humid, some have religions which stand in the way of improvement. Rolling back the tide of communism demands a careful study of the best way to improve living conditions in a local situation. Social, economic, and political factors must not be underestimated, but a careful study of how best to use science is necessary in outlining foreign policy for these parts of the world.

Thus there are scientific aspects to broad foreign policy decisions, and there should be scientific experts to advise those making policy. That such advice is available goes without saying because many academic scientists and scientists of great corporations have contacts throughout the world. On the other hand, attempts to place science in a key position in the Department of State have led to few concrete results. The military services and the Central Intelligence Agency have many persons very familiar with other countries, but there is really no office in the Department of State which can function to give proper advice on scientific matters.

What mechanisms, therefore, does the Department of State have at its disposal to obtain guidance on problems involving science? 1) The foreign service, that is, employees in embassies, legations, and consulates throughout the world together with employees in the Washington offices of the Department of State; 2) The Central Intelligence Agency which has as one of its important functions the collection and interpretation of data on science and technology throughout
A Foreign Policy in Science

It is evident that there are many reliable sources of scientific information available to those charged with establishing foreign policy in the United States Government. Possibly more important is the question as to whether those persons charged with this responsibility have enough appreciation of things scientific to know when expert advice is necessary and how it can best be obtained. The great complexity of this problem of seeing that the available information is properly used is appalling. It would not be safe to state that more persons with scientific training should be placed in policy making positions. A few scientists in this and other countries have reached high political office or been chosen as members of cabinets, but the number has been and probably always will be small.

To ensure a proper influence of science in crucial decisions, there must be a well qualified person either in the cabinet or in the immediate official family of the President. The right person will be hard to find. He must be thoroughly trained as a scientist and have had extensive research experience, but it is also essential that he be a man of sound judgment and great breadth who will be able to see the bearing that science and technology might have in the social, economic, and political sphere. He must have had, therefore, a very broad administrative experience because the introverted scholar would have little influence in the kind of position which we are discussing.

Such men do exist both in industry and in some of our universities. Possibly some effort should be made to create the kind of position we have just described.

But what we have outlined is not enough, because as we have already said, real policy is often made well down in the ranks. This means that somehow an appreciation of and understanding of science must permeate all levels of the government. Here our educational institutions might take a look at their offerings to see whether they are meeting present needs.

A foreign policy as regards science must govern our technical assistance program and even our mutual security spending on military aid.

Each year foreign aid is debated in Congress, and usually the amount voted is below the amount requested by the President. Immediately after the war large sums were voted for relief and rehabilitation to aid devastated countries and others to become self supporting. During the fiscal year 1957 the amount voted was still nearly four billion dollars, but the emphasis has shifted much more to military assistance and defense support. Indeed, some $3.2 billion have more or less direct relationship to military matters and only about $600 million for technical and economic assistance.

The wise spending of this money is essential, for we must, if we wish to maintain our own standard of living, see to it that the standard for the rest of the world is increased.

Most of the people in the world are illiterate. Many live in overpopulated areas where the first effect of improved sanitation will be to increase further the population and possibly even decrease the standard of living. Many of these people are not yet conscious that careful planning for the future is possible. If the average life span is only a little over twenty years, as it is in some countries, most of the populations will consist of young people struggling to stay alive, and one can hardly expect any real long range planning to better living conditions and increase happiness. (Please turn to next page)
The problem in these underdeveloped areas is not one solely of building research laboratories and of studying agriculture, sanitation, and hygiene. It is much more one of teaching the most elementary philosophy of science to the adults. They must be made to understand the relationship between cause and effect and hence to realize first that a better way of life is possible and second that by a carefully planned course of action the better way of life can be realized. It is very hard for us to understand that a fatalistic outlook still persists in large segments of the world's population because western Europeans began imbibing the rudimentary philosophy of science several centuries ago.

Thus our mutual security spending must be carefully planned, or we will find that we have merely increased the unrest everywhere. Moreover, we must not expect miracles. . . .

The improvement of the scientific and technical level in underdeveloped areas will only be effective if it is based upon a sympathetic understanding of science in the masses, but concurrently with improvement in such understanding one can begin construction and equipment of a few laboratories. The attack must be made at all levels from bottom to top.

The Technical Assistance Program of the U. S. is not the only one in operation. Other countries, notably the USSR, are active in this field, and so are also the United Nations and its specialized agencies. . . .

Our foreign policy in science can either be based on isolationism with the motive of using the world's raw materials as rapidly as we wish, or we can give help in education, with machines, with technicians, and in other ways to raise the productive capacity elsewhere. In a sense it is the old struggle between capital and labor carried into relationships between nations. Just as the industrialist in this country now knows that labor must have a high purchasing power if a high level of prosperity is to be maintained, so must we realize that ultimately we will benefit if the purchasing power of other countries is increased.

Our foreign policy in science must resemble our own national policy toward science as it developed during the past hundred years. But the national development could never have occurred if it had not been accepted by the people. The people were willing to accept it because they began to see the benefits to be derived from the scientific approach.

Hence we return to a point to which we have already alluded: Our foreign policy in science must have as one of its principal objectives the education of all peoples in science.

This brings us to UNESCO, the United Nations agency which deals both with science and with education. . . . UNESCO never starts any activity without the full consent of the country in which the activity is to be located. Part of the misunderstanding about UNESCO arises from failure to understand this simple point. Things said by enthusiasts for UNESCO and activities sponsored by purely national bodies which support UNESCO are often confused with things done by the organization itself.

UNESCO does have a major project designed to raise the level of primary education in Latin America. This is approved by and indeed requested by the countries involved. Ultimately this program may do much to awaken Latin American consciousness toward science, but it is long range in this respect.

The science program of UNESCO has many other facets than the ones we have already mentioned. Regional Science Cooperation offices are maintained to aid in exchange of information, travel of scientists, and procurement of apparatus. Technical assistance in research and development is provided at the request of member states. Documentation, popularization of science, special projects on arid lands and humid zones are other aspects of the UNESCO program. One of the difficulties with the program has been to fritter away money on small items so that no real progress is made on anything important. Much has been done recently to rectify this difficulty, but the science part of the UNESCO program is probably the most successful of all.

A United States National Commission for UNESCO has been established by Act of Congress. This consists of 100 members of whom about a half-dozen are usually scientists. This body advises the Department of State relative to policy toward the UNESCO program. Also the UNESCO Relations staff of the Department of State serves as the secretariat for the National Commission. To aid specifically concerning the science program of UNESCO the office of Foreign Relations of the National Academy of Sciences-National Research Council has established a committee on the science program in UNESCO. Hence a mechanism has been established to aid in this aspect of our foreign policy on science. . . .

There must be a United States foreign policy in science. With full realization that lines of demarcation are never sharp and absolute the need for a scientific foreign policy falls into three broad categories:

1) High level, broad policy, the type of thing which is intermingled with international politics, which is dealt with by foreign ministers, ambassadors, and presidents, often through the United Nations. This policy is determined by Congress and by the executive branch of the government. It is necessary to ensure that those making these policy decisions have sound advice on scientific matters.

2) An intermediate level which deals with technical assistance, with United Nations specialized agencies, and, in the case of our allies, with the technical aspects of military problems. In these negotiations scientists are often official delegates, and decisions frequently involve scientific matters in addition to broad matters of policy. The National Academy of Sciences-National Research Council and the great technical societies are the main bodies called upon for advice and to help choose delegates as well as personnel for overseas duty.

3) A more limited level, I hesitate to say low level, which deals with problems mainly of interest to scientists themselves. For many of these negotiations the National Academy of Sciences-National Research Council has been designated by the Department of State as the official body to look out for the interests of the United States.

At all three levels there is need for scientists who are versed in the rudiments of diplomacy, who are familiar with and sympathetic toward other peoples and other cultures, and who are willing to take the time to represent this country at international meetings and on missions to foreign countries.

Science is a very exacting mistress. Success in a scientific career demands long years of training and a constant devotion to research. Spare time to take history, political science, economics, and languages during student years is rare. As one climbs the ladder, one finds little free time for the pursuit of international affairs. The important thing is an attitude of mind coupled with a willingness to talk to people in all walks of life. The introverted ivory tower scientist is necessary, but so are the others sufficiently extroverted to ensure that science and scientists play their proper parts in world development. Great things are expected of this country, and we must be sure that American scientists do their bit.
School Bells Ring for Summer Scholars

June is the month in which "School's out!" is shouted joyously by youngsters throughout the land (and muttered in a low moan by many parents), and the old doggerel is chanted tauntingly, "No more pencils, no more books, no more teachers' dirty looks!"

At the University of Rochester, however, and at other campuses, classes began again in June, with only a short interval after the regular academic session, for great numbers of people. A total of 1,423 were enrolled in the six-week 1957 Summer Session of the College of Arts and Science at the River Campus and at the Eastman School of Music. They came from most of the forty-eight states and nine foreign countries.

The summer scholars at the River Campus, numbering 955, included 344 school teachers taking refresher courses or working toward advanced degrees, 434 college students from the University of Rochester and many other colleges taking courses for extra credits, accelerating their college programs, or making up courses in which they were deficient, school principals and supervisors taking

(Please turn to next page)

School principals and other administrative officers attended a River Campus Summer Session workshop in administrative techniques for improvement of instruction, conducted for second year. Below Dr. Walter Grewen, Associate Commissioner of Education for New York State, director of workshop, leads lively discussion.
A school teacher and a co-ed register for Summer Session. At left, Mrs. Margery Hilfiker signing up for courses. Beverly Stark, a member of class of 1959 in the College of Arts and Science, took summer study to finish college in three and one-half years. She is planning to become a teacher following her graduation.

Another Summer Session workshop of great educational significance was one for the teaching of gifted children. Dr. Florence Brumbaugh, principal of the Hunter College Elementary School for the Intellectually Gifted (second from right) was a consultant during session.

Recreation, too, or

part in the second annual workshop for school administrators. Other special workshops were one for teachers of gifted children, another on principles of curriculum for schools of practical nursing, held at Woodward House in LeRoy, and a six-week practicum in education of the mentally retarded. Dr. William A. Fulagar, chairman of the Division of Education, planned the workshops.

Fifty-two teachers from nine states and the Virgin Islands, selected from more than 300 applicants, took part in the six-week Institute for High School Chemistry Teachers sponsored and financed by the National Science Foundation, which provided grants covering tuition and other costs for the participants. The aim of the institute, as expressed by Dr. Howard R. Anderson, Dean of University School, was "to motivate more youngsters toward careers in chemistry, physics, mathematics and engineering through improvement of the quality of their high school instruction."

At the Eastman School of Music, 387 were enrolled in the college-level programs, about two-thirds of them graduate students, among them a considerable number of teachers of music in public schools or college music departments. Eleven were enrolled in the new accelerated bachelor of music program begun in the 1956 Summer Session, which enables students of proven musical and scholastic ability to complete their work for the B.M. degree in two summer sessions and three regular academic years.

Four special institutes attended by about 100 persons were conducted at the Eastman School this summer under the aegis of Dr. Allen J. McHose, Director of the session. They were: the Eastman Wind Ensemble Workshop, an institute for piano teachers, an institute for church organists, and a music library workshop.

Contrary to the notion held by many that college campuses are virtually deserted between June and late September, these and many other activities made the Rochester campus a lively place indeed for a good part of the summer. From June 17-20, about 1,300 leading (and
perspiring) scientists were on the River Campus, living in the dormitories, for the fifteenth National Organic Chemistry Symposium of the American Chemical Society. Eleven students from France got a taste of American college life when, as proteges of the Experiment in International Living, they spent two weeks on the River Campus.

At the Prince Street Campus, Memorial Art Gallery held its first Clothesline Art Fair (see picture on back cover), which was so successful that it will be an annual event. Many artists displayed their works in painting, sculpture, ceramics and jewelry, and enjoyed brisk sales.

The Alumni Beach Club for alumni, faculty and staff members and their families, drew many hundreds to the River Campus swimming pool in the Alumni Gymnasium throughout the summer. Many of them, on hot summer evenings, refreshed by their swims, enjoyed picnic suppers under the campus trees.

The carefree sound of children's voices was heard throughout the Summer Session on the River Campus. Quite a few of the teachers in the Chemistry Institute brought their wives and children to live with them in the dormitories. Recrea-

(Please turn to next page)

Summer Schedule

The University again cooperated in the National Science Foundation refresher program for science teachers with a six-week Institute for High School Chemistry Teachers. Fifty-two, selected from 300 applicants in many states, attended the intensive course. Many, under NSF grants, brought their families to live on the campus, like Levi Foster, of Bremen, Ga., seated at far right in front row. Below, Mr. and Mrs. Foster watch their two sons, in the foreground, playing tennis with children of other summer students, on the campus courts. Lyle Brown, a member of the Department of Physical Education, coaches.

Summer relaxation for alumni, staff and families is provided on the campus by Alumni Beach Club, which drew hundreds of grownups and children to dip in Alumni Gymnasium pool.
A number of noted musicians joined the faculty of the Eastman School of Music for Summer Session. Above at left is Eugene List, a leading concert pianist, working with a student group.

tional and social programs for both youngsters and grownups were conducted by Lyle Brown of the Physical Education Department, and David Robinson.

A notable feature of the Summer Session was the series of five Eastman Chamber Orchestra concerts, four of them in Kilbourn Hall and one in Strong Auditorium. Inaugurated four years ago, these concerts have become a delightful feature of the Rochester season for both the summer scholars and the public.
Five concerts were given during Summer Session by Eastman Chamber Orchestra under Frederick Fennell including four in Kilbourn Hall and one in Strong Auditorium, River Campus. In this photo, Alan Hovhaness, one of foremost American composers, acknowledges applause at premiere of his newest concerto.

Youngsters of unusual promise can begin studying toward their bachelor of music degree while still in high school under new Eastman School accelerated program. In this picture, Lyndol Mitchell is conducting class in theory.

One of most sought-after composers of serious music, Alan Hovhaness, is shown with group of advanced students in composition, who found him an inspiring teacher. Summer study was from June 24 to August 2 at Eastman School.

Left, a picnic on the grounds of Woodward House for students, faculty and staff was one of social and recreational events enlivening summer school of College of Arts and Science.
Massive Research Project May Save Many Lives

Eight persons die every day from accidental or suicidal ingestion or inhalation of chemicals, reliable estimates indicate. For every death there are hundreds of cases of non-fatal poisoning, mainly from common household or farm products such as cleaning fluids, disinfectants, insect powders and sprays, polishes, bleaches and many others. A majority of the cases are children between the ages of three and five.

The multiplicity of products bought in the open market and used in daily activities around the home present a major problem to pediatricians, general practitioners and hospitals. The substances are used too often with a bland disregard of warnings on the labels and little awareness of the dangers inherent in them.

Chemical science in recent years has added thousands of new substances and is steadily adding more, which are the basis of the American standard of living. Under certain conditions, any chemical can be poisonous and no physician can be expected to have first-hand familiarity with more than a few of the possibilities.

After seven years of research and preparation, the University of Rochester School of Medicine and Dentistry has compiled a 1,160-page manual designed for emergency treatment and making available for the first time information on the toxic ingredients of more than 15,000 trade named products found in the home and on the farm. Published this spring by Williams & Wilkins Company, medical and scientific publication firm, it is intended for physicians, poison control centers, health agencies, pharmacies and libraries, and is the first attempt to provide a complete medical encyclopedia of such trademark and commonly used products.

Titled "Clinical Toxicology of Commercial Products—Acute Poisoning (Home and Farm)," the volume is expected to contribute to the saving of countless lives. Its authors attempted to collect complete information on every product used in housekeeping, farming and hobbies, and it is as comprehensive and accurate as they could make it, with emphasis on clarity and practicality. The urgent need for such a medical encyclopedia was shown by the great number of requests...
for copies received in advance of its publication, and it appears certain to become a standard reference book. Within two months after it came off the press, more than half of the first printing of 5,000 copies, at sixteen dollars each, was sold. A supplement will be issued to keep it up to date.

The guiding genius behind the project is attractive, sixty-six-year-old Mrs. Marion N. Gleason, mother of four Rochester graduates and grandmother many times over. It was an incident that happened to one of her sons, Peter, when he was a year old that initially aroused her burning zeal to do something to prevent accidental poisonings. The nurserymaid who gave him his daily tablespoonful of cod-liver oil inadvertently picked up the wrong bottle one day, and the boy became acutely ill. The bottle contained a strong disinfectant. Peter recovered, and now is Dr. Gleason, 47M, instructor in radiology at the Medical School.

In 1945 Mrs. Gleason helped establish a New York State safety planning program. Dr. Donald D. Posson, 29M, Assistant Professor of Pediatrics at the Medical School, heard her give a talk on the effects of inhaling carbon tetrachloride, a cleaning fluid, and later told her that a compilation of products used in the home that contain toxic ingredients was vitally needed by American pediatricians. He supplied her with a list he had made, which subsequently was supplemented by one from Sears Roebuck Company. Later, she and Dr. Harold C. Hodge, Professor of Pharmacology and Toxicology, made a house-to-house survey in Rochester and surrounding towns to learn what products were most commonly used in homes and on farms. They followed this up with letters to manufacturers. Mrs. Gleason, as originator of the encyclopedia proposal, was appointed a research assistant at the Medical Center to direct the project, and with the counsel and encouragement of Dr. Hodge during the seven long and sometimes frustrating years of infinitely detailed checking and cross-checking, saw it through to its successful conclusion.

Dr. Robert E. Gosselin, formerly Assistant Professor of Pharmacology at Rochester, now professor of pharmacology at Dartmouth Medical School, shared with Mrs. Gleason the responsibility for carrying out the project. They were assisted by teams of thirty technicians and secretaries, including pharmacologists in training and young doctors at the Medical School, and by about 4,500 manufacturers who cooperated in the preparation of the book, of which Mrs. Gleason is listed as senior editor. An unusual aspect of Mrs. Gleason’s role is that she has no degree in medicine or chemistry.

The volume provides in a concise, readily accessible form information on first aid and emergency treatment, supportive therapy, therapeutics for specific poisonings, follow-up treatment, manufacturers’ names and addresses and general formulations which give typical ingredients of products for use when the brand name is not known.

The manual is invaluable to the seventy or so poison antidote centers now being set up across the United States. New York State has put into operation a new network of five poison control and information centers made possible in large part by the research done at the University of Rochester Medical Center. One of them is at the Center’s Strong Memorial Hospital.

Scores of individuals, groups and organizations became interested in helping the Medical School’s medical encyclopedia undertaking, and who greaseily gave their assistance as consultants. They included men like Dr. James H. Sterner, medical director of the Eastman Kodak Company and member of the Council on Industrial Health of the American Medical Association; Dr. Posson, Dr. Edward Press, field director of the American Public Health Association, representatives of the U. S. Department of Health, Education and Welfare, insurance firms, state agricultural departments, and many others.

Time magazine, in its Medicine section, devoted nearly two columns to the publication of the manual and Mrs. Gleason’s part in it. Said Time’s report, in part: “Marion Gleason raised her family in Rochester, N. Y., and in 1945 helped set up a safety planning program. From this she slid into a post as research assistant in pharmacology at the University of Rochester, and did what came naturally — concentrated on the effects of chemicals widely used in cosmetics, household disinfectants and cleaning fluids, dyes, paints, insecticides and shoe polishes.

“Time” magazine article: “The trouble in far too many cases of accidental poisoning, including those involving children, is that they are caused by proprietary preparations whose ingredients are not listed on the label. So even if a doctor is called at once, he may not know whether to treat the victim for acid or alkali, arsenic or strychnine poisoning. For such dilemmas, the book counsels: ‘As soon as vomiting occurs, or if it does not occur within a few minutes, give the patient several teaspoonfuls of “universal antidote” — a mixture of two parts activated charcoal, one part magnesium oxide and one part tannic acid...’

(The manual) lists 15,000 products by their trade names, with the chemical content where the manufacturers are willing to disclose it. There is a wealth of detail on household compounds, the poisons they contain, and the antidotes.

Samples:

• **ACK-ACK INSECT SPRAY (DDT):** wash out the stomach, give cathartic of sodium sulfate.

• **AEROSOL ‘BOMBS’ (pyrethrins):** use universal antidote, wash out the stomach, give oxygen, artificial respiration.

• **BAY RUM (ethyl alcohol):** wash out the stomach with warm water or sodium bicarbonate, give coffee as a stimulant.

• **DRANO (caustic soda):** drink lots of water or milk, counteract the alkali with a weak acid such as diluted vinegar, lemon or orange juice.

• **MOUSE-NOTS (strychnine):** induce vomiting or give up to eight heaping teaspoonfuls of universal antidote in water, inject barbiturates to stop convulsions.

• **PRESTONE (ethylene glycol):** wash stomach with very dilute potassium permanganate, give caffeine as stimulant, oxygen and artificial respiration if needed.

• **TROI (arsenic):** wash stomach with two to three quarts of water followed by glass of milk, give sodium sulfate as cathartic, give oxygen and transfusions as needed.”

Countless deaths from poisoning may be prevented as a result of the long and painstaking work of these three and their many associates who compiled the first complete medical encyclopedia of toxic ingredients of over 15,000 commercial products commonly used in the homes and on the farms. Left to right, they are Dr. Harold C. Hodge, Mrs. Marion Gleason, senior author, and Dr. Robert E. Gosselin.
First O'Connor Award
To Gail Hitt, '57

One of the first women graduates of the University, Miss Evelyn O'Connor, '03, who died in 1953, left a bequest to her Alma Mater expected ultimately to amount to about $45,000 as an endowment fund in memory of her father, Joseph O'Connor, '63, to provide an annual cash award to a woman graduate of the University in the "classical course who has shown marked ability in original writing, or English literature, or classical languages, or archaeology" for further study, travel, research or practice.

Winner of the first award of $1,000 is Gail Hitt, of Salem, Va., a 1957 graduate and an honor student in English who plans to take advanced study at Radcliffe College toward a Ph.D. degree and hopes eventually to teach English in a college or university. Miss Hitt, who was elected to Phi Beta Kappa, did considerable creative writing in poetry and prose as an undergraduate, studied voice at the Eastman School of Music, and also studied piano, violin, and several foreign languages.

The University has received $13,000 of the bequest, and the remainder, left in trust to friends and relations, will revert to the University on their death.

Miss O'Connor was a drama critic on the Rochester Post Express from 1911-1916, and went to New York City in 1917 to join the staff of Boy's Life magazine, where she remained until her retirement.

Fanfare for Fred Fennell

Frederick Fennell, '37E, of the Eastman School of Music conducting faculty, was awarded an honorary Doctor of Music degree by Oklahoma City University at the institution's commencement exercises in May. He was the subject of the following column, "Personality of the Week," by Irving Kolodin, noted music critic of The Saturday Review in that publication's syndicated music service, in June:

With the approach of the Independence Day weekend and its usual patriotic exercises, music lovers may wonder at the eclipse of the old village band, with its gratations of quality according to the size of the "village." Has it gone underground or merely indoors? Our view is the latter, considering the quality products being turned out from record studios, especially those in which Frederick Fennell of Rochester has been active. A native of Cleveland, Ohio, where he was born, appropriately close to the holiday in question, on July 2, 1914, Fennell has won recognition at home and abroad for the high quality of the music he has produced in his chosen specialty. More than a little conditioning is involved, for his father led a life and drum corps, in which Fennell rattled a pair of drumsticks at the age of six. His education exemplifies the opportunities provided to American youth by contemporary institutions, for he passed through the National Music Camp at Interlochen, Mich., before becoming a scholarship student at the Eastman School of Music in Rochester, thereafter studying conducting on an International Fellowship at Salzburg, and then absorbing the influence of Serge Koussevitzky at the Berkshire Music Center (Tanglewood). Fennell's career is further studied with participation in festivals, study groups and summer series, from which emerged the background to establish the Eastman Wind Ensemble (1952), with which he has done some of the most spirited band performances recordings provide.
In June, if ever, come perfect days, to paraphrase the poet Lowell, and perfect days they were during the 1957 Commencement weekend that drew 7,000 or more alumni, members of the graduating class and their families, and University faculties and Administration to the many ceremonies and reunion events that filled the hours in a kaleidoscope of happy confusion.

From the opening event on the program—the annual meeting on Friday of the Alumni Federation Board of Governors in the University's newest facility, beautiful Woodward House in nearby LeRoy—to the closing Commencement reception at which about 5,000 persons thronged the broad lawns of Eastman Quadrangle Sunday afternoon, the weekend, with its gold and blue weather, gaiety mingled with twinges of sadness of the 1957 graduates leaving their college walls, and academic pageantry, was a memorable one.

One of the first alumni to arrive was Dr. George F. Boweman, '92, retired chief librarian of the District of Columbia, at eighty-eight the oldest graduate to attend the reunion. He arrived by plane from Washington bright and early Friday morning, was a special guest at the annual luncheon of Phi Beta Kappa, and entered into the remaining festivities with zest, even to marching in the baccalaureate procession on Sunday. He found his Alma Mater vastly changed from his college days, when there were no women students, and the total undergraduate body was 153 men, as contrasted with today's 1,800 men and women in the College of Arts and Science alone.

Of the many high spots of Commencement Weekend, notable were the election of Miss Mary A. Sheehan, '38G, as the first woman president of the Alumni Federation; the first award of alumni citations to seven faculty members in tribute to their "outstanding contributions to student life beyond the call of duty," the presentation of University citations to Dr. Jacob D. Goldstein, '29M, and Matthew D. Lawless, '09 (for citations see page 20), and the award of honorary degrees to the University's own Dr. Willard M.
Before a throng of some 6,000 persons in Fauver Stadium, an honorary degree is conferred on Mr. Dewey. At the right is President de Kiewiet, and next to him is Trustee Charles Hutchison. Dr. Joe W. Howland (at left) placed Doctor of Laws hood around Mr. Dewey’s shoulders.

Allen, ’32M, now professor of obstetrics and gynecology at Washington University, to Thomas E. Dewey, former Governor of New York State who gave his important collection of official and private papers to the University Library, and to Miss Marian Anderson, the great contralto singer.

To these significant happenings add the inspiring baccalaureate address of President de Kiewiet, the colorful commissioning ceremonies of Navy and Air Force R.O.T.C. graduates, the stunning academic procession from Eastman Quadrangle of the 930 graduates in arts and science, music, medicine and nursing and the members of the faculties wearing the hoods of great universities and colleges in this country and Europe, and Mr. Dewey’s Commencement address to an audience of over 6,000 in Fauver Stadium. Add also the alumni festivities at class reunions and the all-University smorgasbord on Fraternity Quadrangle, the concert in Strong Auditorium, and the special programs for Eastman School, University School, and Nursing School graduates, to round out the picture of an impressive and enjoyment-filled 1957 Commencement.

Crisp and natty in their summer whites, Naval Reserve Officers’ Training Corps graduates receiving their commissions as ensigns in pre-Commencement ceremony on the campus outside of Harkness Hall.

**Class Notes**

**ARTS AND SCIENCE—MEN**

- 1886
  - Dr. Lewis E. Akeley, dean emeritus at the University of South Dakota, celebrated his ninetieth birthday in February. He remains active on the campus where he came as a professor in 1887.
  - 1893
    - 65th Class Reunion, June 6, 7, 8, 1958.
  - 1895
    - Norman Van Voorhis of Roine, N. Y., died on March 22, 1957. Mr. Van Voorhis was an active horseman and for seventeen years was director of the Rochester Horse Show.
  - 1897
    - Henry A. Smith of Louisville, Ky., died on April 22, 1957, in that city. For more than thirty-six years he was associated with the Equitable Life Assurance Society in Louisville and was president of the Group Millionaires Club. Mr. Smith was one of the organizers of the Million Dollar Round Table in 1927 and was the first Kentucky underwriter to attain membership in that select group.
  - 1898
    - 60th Class Reunion, June 6, 7, 8, 1958.
  - 1903
    - 55th Class Reunion, June 6, 7, 8, 1958.
  - 1907
    - Dr. Floyd Orton Reed, who served as health service director of Yonkers (N.Y.) city schools, died on February 16, 1957, in Yonkers. He practiced medicine in Yonkers for forty-three years.
  - 1908
    - 50th Class Reunion, June 6, 7, 8, 1958.
  - 1910
    - William Roy Vallance delivered five lectures in February in Havana, Cuba, at the Academy of International Law. The subject of his lectures was “Law of International Rivers in North America.” He is with the Department of State.
  - 1912
    - Milton K. Robinson has retired from Eastman Kodak Company where he was secretary and general counsel. He was associated with Kodak for thirty-eight years.
  - 1913
    - 45th Class Reunion, June 6, 7, 8, 1958.
  - 1914
    - J. Les Hilton, Jr., died in Rochester on March 7, 1957. He was representative for the Fireman’s Fund Insurance Company for thirty years and a member of Theta Delta Chi.
  - 1915
    - Russell Lipscomb of Rochester died on May 13, 1957. He was the owner of the Rochester Manifolding Supply Company and the Rochester Stencil Company.
CLAUSE L. KULP, professor at Cornell University, has been named to the newly-created position of coordinator of field services in the School of Education. He will serve as liaison between the public schools of New York State and the School of Education at Cornell. Before Professor Kulp joined the Cornell faculty in 1932, he was associate commissioner of education in the New York State Department of Education.

- 1929

EDWARD P. DOYLE, executive editor of the Chicago American, and the former Charlotte Mark, widow of Raymond Mark of Chicago, were married in March. Before going to Chicago two years ago, Doyle was news editor of the New York World American. He is a member of Alpha Delta Phi fraternity.

- 1930

EDWARD H. BRAVER of Batavia, N. Y., died on April 9, 1957, in Buffalo, N. Y. He joined the faculty of the New York State School for the Blind in Batavia in 1930 and later became principal of the school.

GRAHAM C. MERS has been appointed president of the Distillation Products Industries division of Eastman Kodak Company.

- 1932

J. RICHARD GOLDSTEIN, vice president of the Rand Corporation, Santa Monica, Calif., spoke at a North Atlantic Treaty Organization Conference on Operational Research in Paris, France, in April sponsored by the Advisory Group for Aeronautical Research and Development and Supreme Headquarters, Allied Powers in Europe. The conference was called at the suggestion of many NATO countries and national organizations engaged in operational research as an international meeting that would provide a stimulus to countries just entering that field. Goldstein and his father, Benjamin Goldstein, '07, staged a double celebration at the June alumni reunions, the former returning for his twenty-fifth class reunion and the father for his fiftieth.

A third child and first son, Carl Frederick Paul, III, was born to Cmra. and Mrs. Carl F. Paul, Jr., on April 27 in Bethesda, Md.

ROBERT KAZMAYER, internationally known orator and observer of world conditions, addressed the Clovis (N. M.) Knife and Fork Club on February 18. In 1938 he resigned from the Greenstone Methodist Church to devote his entire time to writing and speaking. In the past he has made three trips to Europe and once to Africa to analyze conditions.

EDWARD F. PALMYRA, N. Y., was named the Republican candidate for village trustee for four years. Since 1933 he has been associated with the Garlock Packing Company where he is now head of products engineering.

NORMAN H. SELKE and Janet Frances Garrett were married on May 25 in Rochester. He is a member of Theta Delta Chi fraternity.

- 1933

25th Class Reunion, June 6, 7, 8, 1958.

BERNARD E. SMITH is vice president of the Elm Paper Company in Scranton, Pa. He is a member of Alpha Delta Phi fraternity.

ANDRE GROENICKA, associate professor of German at Columbia University, has been awarded a Guggenheim Fellowship for "A Study of the Russian View of Goethe."

- 1936

In June William P. Blackmon, supervisor of public and employee relations for the Delco Appliance Division of the General Motors Corporation, received a citation from the Rochester Chapter of the Public Relations Society of America in recognition of "his distinguished community service in volunteer public relations activities." Active in the UR Alumni Federation and Associated Alumni, he has most recently been a member of the Federation Board of Governors and the Associated Alumni Board of Managers. He is chairman of the 1957-1958 Rochester YMCA fund drive.

- 1937

Dr. F. MEADE BAILEY has been named manager of advanced engineering for the General Electric Industry Control Department, Roanoke, Va. In 1948 Dr. Bailey received the Coffin Award, General Electric's highest honorary award to an employee, for his outstanding work on a phasitron FM system.

- 1938

20th Class Reunion, June 6, 7, 8, 1958.

DR. PAUL F. FENTON, professor of biology at Brown University, has been awarded a Guggenheim Fellowship to conduct a study at
Emory University in Georgia on the metabolic roles of the hormone. Before joining the faculty at Brown in 1949, he was a research fellow at Yale University.

- 1939

RAYMOND D. LEWIS, who is with the New England Mutual Life Insurance Company in Boston, Mass., has qualified for membership in the insurance men's Million Dollar Round Table.

WILLIAM (Bill) ROGERS is probably heard but not seen by more people than any other personality in the TV-radio field. He is heard on the “$6,000,000 Question” and “$64,000 Challenge” programs as announcer every week. During the past twelve years he has done more than 1,500 training films for the Armed Forces, as well as for practically every leading commercial producer. This year he is celebrating his twentieth year in radio and television.

ROBERT L. WELLS, former executive assistant to the vice president in charge of Westinghouse Electric Corporation's aviation gas turbine division in Kansas City, Mo., has been named manager of that company's power department in Pittsburgh, Pa.

- 1942

Dr. EDWARD L. VALENTINE has been named medical director of the Buffalo Regional Blood Program. Dr. Valentine resides in Elma, N.Y., with his wife and eight children.

RICHARD J. WILSON has been appointed chief engineer of the Argus Cameras Division of Sylvania Electric Products, Inc., at Ann Arbor, Mich.

WILLIAM R. PATTON has joined Sylvania Electric Products as director of purchases. He was previously manager of foreign operations for Argus Cameras.

- 1943

Title Class Reunion. June 6, 7, 8, 1958.

ALBERT SHERMAN, formerly associated with Bache & Co., has joined the investment department of Shearson, Hammill & Co. in Rochester.

DR. HENRY VYVERBERG has resigned his position as assistant professor of history at Alliance College, Cambridge, Pa.

- 1944

A daughter, Elizabeth Jane, was born to Mr. and Mrs. JACK KEIL on April 11.

A son, Christopher Donald, was born to Mr. and Mrs. DONALD B. MILLER of Poughkeepsie, N.Y., on February 8.

- 1945

The REV. JACK WELLER, pastor of the Colcord and Dorothy Presbyterian Churches, has been named director of the West Virginia Mountain Project comprising fifteen churches in the Big and Little Coal River area.

Dr. HENRIED C. VAN NIEL, who is a member of the faculty in chemical engineering at Rensselaer Polytechnic Institute, Troy, N.Y., has been promoted to the rank of associate professor.

Effective September 1, MARCUS W. MINKLER was appointed instructor in metallurgical engineering at the Illinois Institute of Technology. Minkler, who received his M. S. degree in optics at the University of Illinois, has done research and development work with Bausch & Lomb, the Great Lakes Carbon Corporation, and Swift and Company.

- 1946

BRUCE M. LANDIS, director of the American Farm School in Salonika, Greece, addressed the City Club in Rochester in March. He has been in the United States on a fund raising program.

- 1947

DR. THOMAS N. BONNER, associate professor of history at the University of Omaha, is the author of a new book "Medicine in Chi-
Company, an instrumentation firm, as sales engineer. For two years he was a process development engineer with Lever Brothers and later spent four years in process control work with Baldwin-Lima-Hamilton Corporation, leading to his appointment as chief application engineer. For the past year he has served with Foxboro's chemical industries sales division.

- 1951
  Raymond F. Newell, Jr., and Eleanor J. Riegel were married on April 26, in Owego, N. Y.

Frederick G. Howland has been appointed foreman in the engineering and maintenance department of the rod mill of the American Steel and Wire Division's Joliet (Ill.) Works.

- 1952
  Ernest L. Hoppold was graduated from the American Institute for Foreign Trade on January 31, and has embarked on his foreign trade career with the First National City Bank of New York.

President de Kiewiet gives his annual report to alumni on University's progress during past year.

Bernard Schuster has been admitted to the New York State Bar Association.

David Kurzine is studying for his Ph.D. degree at the University of California at Berkeley.

Barton G. Schuster has joined the University of California Los Alamos Scientific Laboratory as a physicist in the weapons division.

- 1953
  5th Class Reunion, June 6, 7, 8, 1958.
  Paul S. Brady has been awarded a Rotary Foundation Fellowship for advanced study abroad for 1957-1958. He plans to study history and law at Oxford University, England, in preparation for a legal career. He has been stationed in Washington, D. C., as a lieutenant (j.g.) in the U. S. Navy.

Arthur M. Budden and Robert Fayer received the degree of Doctor of Medicine from State University of New York College of Medicine in Syracuse on June 9.

John F. Atkinson received a Bachelor of Laws degree from Ohio State University in June.

- 1955
  Arthur R. Miller, law student at Harvard University, has been elected article editor of the Harvard Law Review.

Harold T. Spencer and Mrs. Margaret A. Galski were married on May 30 at Marion, N. Y.

Leslie R. Koval and Barbara Rose Glenn were married on March 24 at Syracuse, N. Y.


Thomas M. Harris, a graduate student at Duke University, has been awarded a fellowship for the second successive year by the National Science Foundation.

Robert Stern has received honorable mention and a $100 award in the twelfth annual George Gershwin Memorial Contest for his fourteen-minute orchestral composition, "Cre­do."

- 1956
  David Mahon has been assigned to the Commercial Sales Department of Taylor Instrument Company at Tulsa, Okla.

Pvt. Joseph D. Viola was recently graduated from the basic Army administration course at Ft. Dix, N. J.

Lt. John L. Griffin has completed the thirty-four-week officer's basic course at Marine Corps School in Quantico, Va.

Ronald H. Coplon has received his commission as Ensign, U. S. Naval Reserve.

In April Naval Ensigns Michael M. Hercher and Charles E. Strong qualified as carrier pilots by completing six landings aboard the support aircraft carrier USS Antietam in the Gulf of Mexico. Their next assignment will be to take them to the Corry Field Naval Auxiliary Air Station, Pensacola, Fla.

ARTS AND SCIENCE—WOMEN

- 1903
  55th Class Reunion, June 6, 7, 8, 1958.

- 1908
  50th Class Reunion, June 6, 7, 8, 1958.

Dr. Margaret T. Applegath, lecturer and writer, is the author of "Right Here, Right Now" and "Men as Trees Walking," collections of essays.

- 1910
  Nine members of the class attended a luncheon at the A.A.U.W. club house in Rochester in April. Plans were made for a summer meeting at Hazel Bascom April's cottage.

- 1913
  45th Class Reunion, June 6, 7, 8, 1958.

- 1914
  Ada Louise Phinney Woodcock of New York City, died March 9, 1957, at her home. For many years Mrs. Woodcock was a teacher in New York City as well as the author of numerous books for children.

- 1916
  Elizabeth Garbutt Whittemore is residing at "Lazy Log Farm" in Jackson, Miss., with her husband, Col. K. S. Whittemore. Mrs. Whittemore is well-known for her interesting and exotic recipes which she has collected from many places where they have lived all over the world.

- 1918
  40th Class Reunion, June 6, 7, 8, 1958.

- 1923
  35th Class Reunion, June 6, 7, 8, 1958.

- 1925
  Lee Ashenberg accompanied a group of members of the Junior Classical League from California to the national convention which was held at Youngstown, Ohio, last year. She is a teacher at Oakland, Calif.

Pauline Meader Stalker, who lives in Middletown, Ohio, visited her classmates in Rochester in the fall of 1956.

Dr. John S., '21, and Naomi Hull Carmans have returned to India after spending a year in Rochester. Their daughter, Eleanor, received her B.A. degree from the University in June. The Carmans' address is Christian Medical College, Vellore, South India.

- 1927
  Myrtice Splitt Mault was elected president of the Alumnae Association for the year 1957-1958 at the annual meeting in June.

- 1928
  30th Class Reunion, June 6, 7, 8, 1958.

First winners of alumni citations to faculty members for "outstanding contributions to student life beyond the call of duty." From left, Dr. Henry C. Mills, Dr. J. Edward Hoffmeister, Dr. Lucy F. Squire, Dr. Ralph W. Helmkamp, Miss Beatrice Stanley, and Emory C. Remington. The citation of Miss Hazel J. Wilbraham, who died on June 7, was given posthumously. (See page 31.)
SALLY LARMER of Loon Lake, N. Y., has retired after forty-one years of service in New York State public schools. Miss Lamer plans to make her home in the cottage on Loon Lake where she has previously spent her vacations.

EMMA O'KEEFE has been selected by the Rochester Branch of the American Association of University Women for designating two international grants of $500. Miss O'Keefe has served on the branch board of directors and with the state division of the A.A.U.W.

T. JANET SURDAM has recently published a book entitled "Two Hundred Days," an account relating her experience as a prisoner of the Chinese Communists. The book may be ordered from Koether-Surdam, Riceville, Iowa.

JOANNA MACKAY GURNEY and her husband, Robert, are living in Altadena, Calif., with their three children. Mrs. Gurney is spending one day each week in the training program at the American Institute of Family Relations. Her husband is a mechanical engineer, designing equipment for the missile program at Cal Tech's Jet Propulsion Laboratory.

A daughter, Elizabeth Hall, was born to Morton and Charlotte Woods Elkind on November 8, 1956.

MARY JEAN FINNEGAN of Rochester died on May 10, 1957.

Joan Scallon Bolander died on May 10, 1957, in Roanoke, Va. Mrs. Bolander formerly resided in Glenville, N. Y., and was the mother of five children.

A daughter, Marcia Alix, was born on February 14 to Jennings and Alice Webster Miller of Franklin Park, Ill.

A daughter, Marcia Jeanne, was born on March 9 to Douglas and Juliet Tillema Bracé of Evanston, Ill.

A daughter, Laurel Ruth, was born on November 2, 1956, to Roger, '49, and Janet Bagley Williamson of Sea Cliff, N. Y. They have three sons.

A daughter, Marion Jeanne, was born on March 9 to Warren and Mary Rose Lake.

A third child and second daughter, Cynthia Jane, was born on March 26 in Rome, Italy, last May. She is on the medical staff of Eastman Kodak Company.

A daughter, Marcia Alice, was born on February 14 to Jennings and Alice Webster Miller of Franklin Park, Ill.

A daughter, Jill Karen, was born November 2, 1956, to Roger, '49, and Janet Bagley Williamson of Sea Cliff, N. Y. They have three sons.

A daughter, Marcia Jeanne, was born on March 9 to Douglas and Juliet Tillema Bracé of Evanston, Ill.

A daughter, Laurel Ruth, was born on November 2, 1956, to the Rev. John, '47, and Sallie Turner Mount of Los Angeles. The Mounts have two other children. The Rev. Mr. Mount is pastor of the South Hollywood Presbyterian Church.

A daughter, Marcia Alix, was born on February 14 to Jennings and Alice Webster Miller of Franklin Park, Ill.

A daughter, Marcia Jeanne, was born on March 9 to Warren and Mary Rose Lake.

A daughter, Laurel Ruth, was born on November 2, 1956, to Roger, '49, and Janet Bagley Williamson of Sea Cliff, N. Y. They have three sons.

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A daughter, Laurel Ruth, was born on November 2, 1956, to Roger, '49, and Janet Bagley Williamson of Sea Cliff, N. Y. They have three sons.

A daughter, Marcia Jeanne, was born on March 9 to Warren and Mary Rose Lake.
Douglas and Nellie Kenien Spitz are living in Lincoln, Neb., where Spitz is studying for his doctorate degree in history at the University of Nebraska. They have a son, Douglas, born in 1956.

* 1953
5th Class Reunion, June 6, 7, 8, 1958.

Helen Jones is one of two women engineers (among ninety) at the Berkeley Division of Beckman Instruments, Inc., in California. A daughter, Barbara Jane, was born on April 15 to Robert, '51, and Bette Webster Bolster.

• 1956
Anna Morlang and William F. Karrash were married on January 5 in Elkton, Md. They are residing at 314 E. Hinckley Avenue, Ridley Park, Pa.

Dorothy Doble is on the staff at Strong Memorial Hospital, Rochester.

Patricia Weil and Lt. Edward King, USN, were married in New York City on April 6.

Veronica Eve Morton and Eugene N. Smith were married in Rochester on April 13. Mrs. Smith is a teacher at Monroe High School in Rochester.

Eastman School

• 1923
35th Class Reunion, June 6, 7, 8, 1958.

• 1928
30th Class Reunion, June 6, 7, 8, 1958.

• 1929

Donald Bolger, professor of piano at Hollins College, was featured in a joint recital entitled "Four Hands at the Piano" at that college in March.

• 1930
Alma Lessow Oneley directed a performance of Mozart's "Magic Flute" at the Kent Place Middle School in Summit, N. J., in March.

Ruth Leggett Barcoch became organist and choir director of the First Congregational Church, Sherburne, N. Y., in January.

Lois Bell Benedict is organist at the Congregational Church in Spencerport, N. Y.

• 1932
Gilbert Darisse has been concertmaster of the Quebec Symphony for the past twenty-five years. The orchestra is now under the baton of Wilfred Pelletier.

25th Class Reunion, June 6, 7, 8, 1958.

Joan Franks Williams is working for her master's degree at the Manhattan School of Music.

• 1934
Catherine Washington Wallace, organist of the First Baptist Church in Batavia, N. Y., was guest organist at the dedication service of the First Presbyterian Church, LeRoy, N. Y., in February.

H. Wellington Stewart is organist and assistant professor of music at Russell Sage College in Troy, N. Y. He is also dean of the Eastern New York Chapter of the American Guild of Organists and is serving as organist and choirmaster of St. John's Episcopal Church in Troy.

The world premiere of Gail Kubik's "Symphony No. 3" was presented by the New York Philharmonic Symphony Orchestra under the direction of Dimitri Mitropoulos at Carnegie Hall, New York, in February. Kubik was guest composer, conductor and lecturer at the annual conference of the Florida Composers League at Stetson University in Deland in March.

Richard Andrews, a member of the San Antonio Symphony, again joined the North Carolina Symphony during his spring vacation for the state tour of the orchestra.

• 1936
Catherine Crozier Gleason, professor of organ and organist at Knowles Memorial Chapel at Rollins College, Winter Park, Fla., presented an organ recital at Southwestern University, Winfield, Kan., in March.

Herbert Winters Harp has been director of the Concert Band of the State University Teachers College at Fredonia, N. Y., since 1946. He also plays first trumpet in the Erie Philharmonic Orchestra and in the Fredonia Chamber Orchestra.

Harry Peters, associate professor of woodwinds and conducting at Fredonia (N. Y.) State Teachers College, was guest conductor of the Twelfth Annual Livingston County Senior High Music Festival in Geneseo, N. Y., in February.

• 1937
Victor Alessandro, Jr., conductor of the San Antonio Symphony Orchestra, was guest conductor of the Houston Symphony Orchestra in February.

John Celentano was a faculty member of the Eastman School's summer Institute for Piano Teachers.

Frederick Fennell, a member of the conducting faculty of the Eastman School, was elected president of the College Band National Association in Chicago recently.

• 1938

20th Class Reunion, June 6, 7, 8, 1958.

• 1940
Earl Schuster, oboist, was a staff member at the Bennington (Vt.) Music Center this summer.

• 1941
Kenneth Munson, chairman of the music department of St. Lawrence University, was named organist and choir director of the annual union Lenten services in Ogdensburg, N. Y., in 1957.
A. CLYDE ROLLER, director of the Amarillo Symphony, was guest conductor of the Eastern New Mexico University Symphony in February.

MARIE JEFFERSON WESTERVILT of Gibbs-town, N. Y., has been collaborating with a girlhood friend on music publications for the past four years. Her husband, Robert Westervilt, is a music teacher and French horn player with the Cities Service Band of America.

* 1942

NORMAN KELLEY sang the leading role on a coast-to-coast Metropolitan Opera radio broadcast of "Siegfried" on February 16. He is the first person from the state of Maine ever to hold a Metropolitan Opera contract.

NORMA HOLMES AUGHTER, pianist, presented a concert in Burlington, Vt., in February.

WILLIAM HASKER is permanent conductor of the Virginia Symphony Orchestra.

Two compositions by ELLIOT WEISGARBER, associate professor of music at Woman's College, Greensboro, N. C., were performed at Columbia University in March.

DOROTHY ORNEST FELDMAN was one of the featured soloists at a concert of the Mt. Holyoke and Amherst College glee clubs in March.

The world premiere of JOHN LA MONTAINE'S "Jubilant Overture" was presented by the Columbus Symphony Orchestra in April.

* 1943

15th Class Reunion, June 6, 7, 8, 1958.

* 1944

ROBERT SWAN is minister of music at the South Congregational Church and organist at Temple Beth-El in Springfield, Mass.

FORREST STOLL is conductor of the University of Utah Concert Band.

BETTY BURNETT, librarian of the Indianaplis Symphony and staff member at Tanglewood, Mass., in the summer, was a member of the North Carolina Symphony on its spring tour.

* 1945

GANN CARTER is women's director of Aloha Airlines, Honolulu, Hawaii.

PETE MENNIN'S "Suite for Orchestra" was premiered by the Columbus Symphony Orches-tra in April. This work was commissioned by the National Federation of Music Clubs for presentation at its biennial convention.

* 1947

GREGORY KENNEDY, assistant professor of music at the University of Alabama, won three top awards for original compositions in the Festival of Arts held in Birmingham, Ala., in February.

* 1948

10th Class Reunion, June 6, 7, 8, 1958.

JEROME L. LANDSMAE has been awarded a Danforth Foundation Fellowship for a year of graduate study. He is studying for a doctor of musical arts degree at the Eastman School.

BARBARA NICHOLS WREN died in Rochester on March 4, 1957.

EDWIN BLANCHARD has been promoted to assistant professor of music at Meredith College, Raleigh, N. C. In the spring he was soloist with North Carolina Symphony. This fall he will make a concert tour of several cities in the state. He is also president of the Raleigh Musical Arts Society.

* 1949

ROY HAMLIN JOHNSON, Jr., assistant professor of piano at the University of Kansas, was guest soloist with the Oklahoma City Symphony Orchestra in March.

SARAH HERRON BAKER, organist, appeared in a concert presented by Music Study Club in Eastland, Tex., was organ soloist for the Texas Chapter of AGO in Dallas, in March, on April 10 gave a recital for Dallas Symphony League, and on April 14, was organist for the performance of the Brahms Requiem at the First Presbyterian Church in Dallas.

* 1950

MINNA KEEL CHANDLER has recently moved into a new home in Maple Heights, Ohio. She has two children to keep her busy.

JOSEPH JENKINS and Margaret Miles were married on June 6 in the Church of St. Madeleine Sophie in Germantown, Pa.

* 1951

A son, Charles Allan, was born on March 7 to Charles, '52, and Marjorie Latham Hoff-fer. The Hoffers live in Buffalo, N. Y.

WILMA HOYLE JENSEN is director of music at the First Methodist Church in Westfield, N. J.

IRVIN THOMAS REIDAY and Mary Margaret Weeks were married in Rochester on June 15. Reiday is doing graduate work at the Eastman School.

DAVID K. Ho and his wife, Maria, have moved to San Francisco, Calif., where he is an engineer in the Lockheed Aircraft Corporat-ation at Burbank.

MELVIN BERGER, violist, was an assistant staff member at the Bennington Chamber Mu-sic Center this summer.

* 1952

INA CLAIRE BURLINGHAM FORBES is now living in Hamilton, Ohio, where her husband, Gerald, is minister of the Lindenwald Chris-tian Church.

MARY FRENCH BARTETT, assistant professor of music at Southern Louisiana Institute, received highest ratings in her individual division at the district auditions sponsored by the National Federation of Music Clubs.

JOSEPH HENRY, a teacher in the music depart-ment of Central State College, Stevens Point, Wis., has been awarded a Fulbright scholarship for a year's study in Vienna, Au-stria.

* 1953

5th Class Reunion, June 6, 7, 8, 1958.

THOMAS MILLER conducted the Penfield (N. Y.) Community Orchestra in its debut concert this summer. He is also instrumental music supervisor in the Penfield schools.

* 1954

DOROTHY HATCH of El Centro, Calif., has been awarded a Rotary Foundation Fellowship for advanced study abroad during the 1957-1958 academic year. She plans to study voice at one of the major universities in Europe.
MARJORIE I. GOWAN has recently been awarded a Fulbright grant for the 1957-1958 academic year to study music in Paris. Her major area of study will be the violin.

MARGO GREENE THOMPSON has been appointed elementary music teacher by the Board of Education of the Rhinebeck (N. Y.) Central School.

LORI ROGERS, mezzo-soprano, who received her master's degree in June at the New England Conservatory of Music, was soloist at the opening concert of the Suffolk Museum at Stone Brook, N. Y., in March.

A son, Stephen Hoffman, was born on April 16 to Allen, '53, and Suzanne Hoffman Brown.

JOHN SUMMALL is a member of the U. S. Military Academy Band at West Point.

• 1955

PETER BROWN, DONALD COLEY, STANLEY EASTER, JAN HORN, and JOHN MCELDOYNE are members of the U. S. Military Academy Band at West Point.

• 1956

GERTRUDE ELLIE MOHINERN and John A. Hoyt were married on June 8 in LeRoy, N. Y. The couple lives at 105 West Third Street, Frederick, Md.

PETER BENJAMIN has been sworn in as the U. S. Coast Guard as musician second class and assigned to the Coast Guard Academy at New London, Conn.

THE REV. F. BREDAHL PETERSEN is visiting professor of Church History at the Crozer Theological Seminary, Chester, Pa., for the academic year, 1957-1958. For the past twenty-five years Dr. Petersen has been one of the leading figures in the Baptist Church in Denmark. In 1949 he was knighted by Queen Juliana of the Netherlands.

• 1938

PAUL J. CHRISTIANSEN, head of the music department at Concordia College, Moorhead, Minn., since 1937, directed the Concordia Choir on its 1957 tour, which included Minnesota, Wisconsin, Illinois, Michigan, Ohio, Pennsylvania, New York, Massachusetts, Rhode Island and the District of Columbia.

NILS Y. WISSELL, president of Tufts University was the featured speaker at the annual Scholarship Recognition Assembly at the University of Maine in April.

DR. PAUL BECKELM was chairman of the American Music Section of the MTNA convention in Chicago in February and was elected to the national executive committee of the organization. He is at Cornell College Conservatory of Music, Mount Vernon, Iowa.

• 1940

THOMAS CANNING, teacher of composition and theory at the Eastern School, has been elected president of the Eastern School Alumni Association for 1957-1958.

• 1943

SAMUEL R. BENNETT, district principal of Maryvale Schools, Cheektowaga, N. Y., was named an honorary life member of the Maryvale Elementary PTA for his outstanding citizenship and service to the community.

BARBARA B. SMITH is living in Honolulu where she is engaged in teaching and concert work. Recently she completed a long trip through the Far East on a grant from the Rockefeller Foundation to collect a library of non-Western music, including books and recordings for the University of Hawaii.

• 1945

DR. WALTER YEH, professor of music at Allen University, Columbia, S. C., has composed a madrigal for four-part mixed voices which has been published by the E. C. Schirmer Music Company of Boston. The text for the composition, entitled "Come Away, Come Away Death!", was taken from Shakespeare's "Twelfth Night" and placed in a Chinese setting.

SARAH SLECHTA is a member of the Festival String Quartet of New Orleans. She has also played in the Indianapolis, Kansas City and New Orleans orchestras.

• 1946

DR. HARRY D. POLSTER has been named section chief of the Optical Research and Development Section, Engineering and Optical Division, Perkin-Elmer Corporation. The section is responsible for developing new methods, approaches and means of solving optical problems including the development of photographic lenses, special optical systems and military optical systems. Dr. Polster resides in Stamford, Conn.

J. ROBERT KING is assistant professor and director of instrumental music at the University of Delaware. He is also director of the University of Delaware Symphony Orchestra and the Delaware Symphonette.

ROWENA DICKIE is organist at the University Methodist Church, Baton Rouge, La. The last two seasons she has appeared with the Baton Rouge Symphony as soloist.

• 1947

WILLIAM PRESSER, composer and conducting instructor at Mississippi Southern College, Jackson, conducted two of his own works performed by the Jackson Symphony Orchestra in the spring. He is also violist in the faculty string quartet and co-conductor of the college orchestra.

GERALD A. SMITH has been appointed an assistant professor of English at Canisius College, Buffalo, N. Y. He has been a member of the faculty of the University of Maryland.

JOHN G. HIXSON has been appointed manager of technical services, Rochester Division, Consolidated Electrodynamics Corporation. He joined Consolidated in 1952 as a physicist.

• 1949

DR. CHARLES E. BODIE is associate secretary in the Missionary Personnel Department of the American Baptist Foreign Missionary Society. He has the distinction of being the first Negro to become a staff secretary of a national agency of the American Baptist Convention.

RONALD F. JISSON is a faculty member of the School of Music of Augustaana College, Rock Island, Ill. He is well-known as an organist and choir director.

• 1950

A second child, Paul William, was born to the Rev. Charles and June Wilkins Smith of Waterbury, Conn., in March.

• 1951

A daughter, Kristanthy Melanie, was born to Frank and Xenia Antson Desby of Los Angeles on July 15, 1956. Mrs. Desby is organist of Saint Sophia Greek Orthodox Cathedral in Los Angeles.

ELIOT BRENEISER was one of six judges at the annual Sixth District Junior Music Festival held in Norfolk, Va., in March. At present he is associate professor of music at William and Mary College.

• 1952

GEORGE M. SISSON has been appointed a group leader at the Pearl River Laboratories of the American Cyanimid Company's research division. He lives in Larchmont, N. Y., is married and the father of two daughters.

• 1954

HARRIET ALLEN STORAKER (Mrs. Donald J. Storaker) is now living at 14265 SW 114 Avenue, Tigard, Ore.

JOHN W. BAUM, physicist at the Armour Research Foundation, Illinois Institute of Technology, has a new profession. As senior member of a team of three physicists, he is responsible for guarding scientists from the hazards of radiation at the Armour Research Foundation. It is known as the field of health physics.

• 1955

BUTCH ELLEN COOPER and Dr. Abe Pital of Frederick, Md., were married on May 25 in Rochester. They are making their home at 105 West Third Street, Frederick, Md.

• 1956

THE REV. WALTER HILLIS is pastor of the Federated Church, North Adams, Mass.
School of Nursing graduates march to the platform to receive their diplomas from Miss Beatrice Stanley, Director of Nursing Service, who formerly was the Director of the School of Nursing.

Dr. Richard Gore, now head of the music department of Wooster (Ohio) College, appeared as a contestant on TV's $64,000 Challenge program in March and defeated the champion Theodore Nadler in the classical music category, thereby winning $8,000.

Medical School

- 1932
  Dr. Lauren V. Ackerman is professor of surgical pathology at Washington University, St. Louis, Mo.
- 1936
  Dr. Orlo H. Clark has been named a member of the medical board of Passaic (N.J.) General Hospital, where he has been a member of the staff since 1952. He resides in Nutley, N. J.
- 1939
  Dr. Sidney E. Eisenberg is assistant clinical professor of medicine at Yale Medical School and practices internal medicine with cardiology as a sub-specialty. Dr. and Mrs. Eisenberg have a daughter, nine, and a son, four.
- 1947
  Dr. Carmen Scarpellino was promoted to associate fellow in the American College of Physicians at a recent meeting in Boston. Dr. Scarpellino, an assistant attending physician at Monmouth Memorial Hospital, N. J., was certified by the American Board of Internal Medicine in May, 1955.
- 1952
  Dr. Frederic D. MacDuffee is associated in the practice of ophthalmology with two other physicians whose offices are located at 34 North Ash St., Ventura, Calif.

Dr. John R. Price has announced plans for construction of a $20,000 medical clinic in Adams, N. Y.
- 1954
  Capt. Perry W. Nadin, USA, was recently graduated from the Army Medical Service School at Fort Sam Houston, Tex.
- 1955
  Dr. David Livingston has been in Africa for five years to be a medical missionary. Joan Staub and Dr. James Carlton Brown were married on April 6 in Rochester. Dr. Brown, a Captain in the Army Medical Corps, is now stationed in Germany.

Medical Resident
- 1954
  A son, Frank B., III, was born on December 25, 1956, in Landstuhl, Germany, to Dr. Frank and Mary Wheatland Schley. The Schleys are residing at 303 11 Street, Columbus, Ga.

Nursing School

- 1930
  30th Class Reunion, June 6, 7, 8, 1958.
- 1931
  25th Class Reunion, June 6, 7, 8, 1958.
- 1938
  20th Class Reunion, June 6, 7, 8, 1958.
- 1939
  A son, James, was born to Clarence and Marjorie Scheffinger Birchler on September 1, 1956. The Birchers have four other children.
- 1941
  A fifth daughter, Jane Randall, was born on March 23, to Dr. William, '38, '43M, and Sally Shaper Jackson.
- 1943
  15th Class Reunion, June 6, 7, 8, 1958.
- 1944
  A daughter, Susan Eileen, was born to Edwin and Elsie Schockow Meyer on October 18, 1956. The Meyers have three other children.
- 1947
  Geraldine Morgan is a member of the staff of the Community Memorial Hospital, Hamilton, N. Y.
- 1948
  A child, Howard, was born to Howard and Virginia Johnson Landon on September 2, 1956, in Ojai, Calif.
  Joan Ernst and John Micsak were married in Rochester on April 27, 1957.
- 1952
  Margaret Dickson McCrory died in Rochester on April 6, 1957.
- 1953
  5th Class Reunion, June 6, 7, 8, 1958.
  Delores Herrick and John R. Schell were married in Corning, N. Y., on February 2. Mr. and Mrs. Schell are residing at 342 Dartmouth Avenue, Buffalo, N. Y., where Schell is taking a pre-law course at the University of Buffalo.
  Vivian Gledhill, who has been with the Methodist Mission in Seoul, Korea, has been transferred to the Methodist Mission, Kangnung, Korea.
- 1954
  Altha Funk and Robert L. Shaw were married in Albany, N. Y., on February 2.
In Memoriam

Hazel J. Wilbraham, '27, one of the best loved teachers at the University of Rochester, a member of the Physical Education Department for Women since her graduation from the University in 1927, died in Rochester on June 7 of cancer after a five-month illness.

Known affectionately to many generations of college students as "Gram," she was a familiar figure on the campus, often appearing clad in a short tennis skirt and sweater, her racket under her arm. Her contributions to the life of the women students in the Arts College were outstanding, as teacher, coach, counselor, and friend of countless students.

In 1931 she was instrumental in organizing the women's cooperative dormitories to enable young women, many of whom could not otherwise have come to college, to live inexpensively by doing their own cooking and housekeeping. She served as over-all director of the cooperative dormitories for many years, and at one time or another was housemother in all the women's residences.

Miss Wilbraham organized "Play Day" sports activities and synchronized swimming for the women students and established the annual water ballets which have become a major annual event in the women's activities.

A native of Poquonock, Conn., she was a 1921 graduate of the old New Haven Normal School of Gymnastics (now Arnold College). She joined the UR faculty in 1927 as an instructor and was named Assistant Professor in 1931 and Associate Professor in 1956. She was active in state and national organizations for synchronized swimming.

On June 8, during the Commencement-Reunion Weekend, the Alumni Federation awarded Miss Wilbraham a citation posthumously which read in part: "Vital teacher, zestful traveler, gracious hostess, friend and perennial favorite of countless students, donor to great causes and to many a needy student, you have won our admiration and our affection. The totality of your contributions to student life defies accurate measurement."

The decision to award her the citation, one of seven given to faculty members for outstanding service to students, was made before her illness.

A memorial service for Miss Wilbraham was held at the University June 18.

Dr. Floyd C. Fairbanks, '01, Emeritus Professor of Physics and Astronomy, died May 22 in Kingsville, Tex., of a heart ailment. He had resided there with his daughter, Elizabeth Fairbanks Rinker, '36E. A native of Williamson, N. Y., where he was born in 1873, he took graduate work at Cornell University and taught at Drexel Institute in Philadelphia from 1906 to 1918. In 1918 he joined the Rochester faculty as Assistant Professor, rising to Junior Professor of Physics and Astronomy in 1934, and full Professor in 1935.

Although he was scheduled to retire in 1944, he continued for another year to aid the University's war training program with the Navy V-12 unit. In May, 1945, he left Rochester to live in California.

Not only was Professor Fairbanks an eminent physicist and able teacher, but he was active also in community affairs and in making science understandable to the layman. He was in frequent demand as a speaker in and around Rochester, and was often consulted by the newspapers whenever any celestial phenomena occurred, such as eclipses, northern lights, or comets. He contributed a section on astronomy in the book, "An Orientation in Science," published in 1938 by twelve members of the faculty.

From 1930-1945 he served as president of the Rochester Academy of Science which made him a life member at the time of his retirement in 1945. A member of numerous professional and scientific societies, he was also a member of Delta Upsilon fraternity.

He also leaves another daughter, Helen Fairbanks Lccion, '53, and a son, Charles, '50.
New to the campus this summer was the first Clothesline Art Fair held by Memorial Art Gallery on the Prince Street Campus. It drew many hundreds of visitors, and sales of the artists' works were brisk.