The University of Rochester... in a Changing World

{ a ten-year report }
PREFACE

By 1951, our nation was faced with vast changes that involved all the world and all us people. The country's great universities had to discover new and creative answers to new and major problems. In doing so, change was inevitable. The speed and magnitude of this change, however, have taken some universities well beyond the awareness and understanding of some alumni and much of the general populace. This report has been prepared to show the changes at one university—the University of Rochester.

Between 1951 and 1961, Dr. Cornelis W. de Kiewiet was President of the University of Rochester. Between 1951 and 1961, the University experienced the greatest growth and development in any decade of its history. Since these two facts are not unrelated, this report is dedicated to the President Emeritus of the University of Rochester, Dr. Cornelis W. de Kiewiet.
"A university is never
and change, else it
ully mature. It must grow
matures and loses its place.”

... so said Dr. C. W. de
Kiewiet when he became
President of the University
of Rochester in 1951.

Reporting to the Univer-
sity’s alumni some years
later, he noted:

“... there were two pos-
sible approaches to plan-
ing the future of this institution. The first was the
“What do we have to work with?” approach. The second
was a frank appraisal of the job to be done and the
steps necessary to carry out the job. We elected the
latter.”

The conviction behind this early decision was empha-
sized in 1953 when Dr. de Kiewiet addressed the Amer-
ican Council on Education:

“This is a period of growth and creativeness. Older
institutions will grow and change. More significantly,
new institutions will emerge and will become the answers
to the needs of their generations ... No institution,
whatever its present stature, can, in my judgment, afford
in its own or in the national interest to wrap itself around
in its present habits and assumptions and let others
meet the challenge of the coming generation. What are
burdens are also opportunities.”

Meeting the challenge of coming generations, meeting
the opportunities—and the burdens—of becoming a truly
national as well as a nationally significant institution
meant change—fundamental change.

It meant first that the University of Rochester had to
fulfill in the largest sense the concept implicit in the word
“university.” More specifically it had to accomplish these
objectives: merge the two Arts and Science colleges into
one; establish new professional schools; enlarge under-
graduate and graduate student bodies; strengthen the
undergraduate program and broaden it in certain areas;
considerably enlarge the scope of graduate work at the
University; intensify and expand basic research; retain the
outstanding faculty members on its staff, and find and
hire the additional highly qualified men and women to
staff its expanding programs of instruction and research;
construct the additional classrooms, laboratories, and liv-
ing centers demanded by the planned growth of the stu-
dent population; expand library facilities and add thou-
sands of new volumes; increase the operating budget;
raise new funds; find the needed land for growth; and
organize, staff and develop an administrative team ca-
pable of achieving these objectives.

Once these were accomplished, the University of Roch-
ester could then respond more vigorously and effectively
to the major problems and challenges facing the nation:
The Changing University

The first step in developing a more broadly-based university was to eliminate the academic and economic inefficiency and the incompleteness inherent in operating two Colleges of Arts and Science, each with its own campus.

In 1955, after a $10 million capital campaign, the two units were merged on the River Campus into a single college, complete with the necessary housing, dining, medical, laboratory, and classroom facilities.
Another pressing need in the process of becoming a more complete university was the establishment of additional professional schools.

In 1958, the academic units for engineering, education, and business administration were separated from the arts and science complex and established as full-fledged professional colleges. Each was given its own dean, who was assigned the responsibility for developing his college's programs of undergraduate and graduate education, research and community service to levels of excellence where they would command a measure of national eminence comparable to that already enjoyed by the University's schools of music and medicine.

Other actions, too, were necessary...
The undergraduate student body had to be large enough to nourish the schools and colleges within the University complex. Its size had to reflect the University's acknowledged responsibility to provide educational opportunity for more students from the nation's swelling ranks of college applicants. And, along with growth, the academic quality of the student body had to be maintained.

After careful study, the decision was made in 1955 to increase undergraduate enrollment on the River Campus from 1,500 students to 2,500 by 1965.

This increase has proceeded on schedule at the rate of about 100 additional students a year; at the same time the academic quality of incoming River Campus classes has steadily risen.

During the past decade, the University's undergraduate curricula have been under continuing review as each college has worked toward building upon its strengths and eliminating its weaknesses.

As a result of much of this re-thinking of the undergraduate program, a new four-course program was adopted in 1961 by the Colleges of Arts and Science, Engineering, Education, and Business Administration, and by University School of Liberal and Applied Studies. Designed to prepare the undergraduate more effectively for employment or advanced study, the four-course program allows the student to concentrate on each subject more thoroughly and in greater depth, and provides increased opportunity for independent study.
NEW PROGRAMS at the master's degree level have been initiated in: Applied Mathematics and Industrial Statistics + Biophysics + Dentistry and Dental Research + Electrical Engineering + Industrial Medicine + Music Literature + Nursing Education + Political Science.

Along with strengthening undergraduate education, the University has given high priority to enriching the graduate program. Accordingly, new doctoral programs have been established in:

- Biology
- Biomedical Engineering
- Philosophy
- Musical Arts
- Physics and Optics
- Education
- Mechanical Engineering
- Radiation Biology
- Economics
- Physics and Astronomy
- English
- Electrical Engineering
- Chemical Engineering
- Economics

In the past decade, full-time graduate enrollment has increased sharply: from about 675 students in 1951 to nearly 1150 students 10 years later.
Essential to eminence as a university is a faculty of quality. Indeed, the success of the institution is inextricably bound to its ability to attract and to hold those outstanding men and women who ultimately bring to the institution whatever eminence it achieves.

Success depends on many elements:

+ Proper compensation and benefits
+ An opportunity both to teach and to do research
+ Appropriate physical facilities
+ A general atmosphere within which scholarship is encouraged to flourish.

The University has taken steps to assure that these requisites are met. In 1958, a program was launched to double faculty salaries, on the average, by 1970. This program is on schedule, and in some cases, is ahead of schedule.

Along with these gains have come an array of expanded benefits:

+ An annuity plan (9% paid by University, 6% by faculty member)
+ A term life insurance program
+ Major medical program for which University pays all the cost
+ A tuition benefits program through which children of full-time faculty members can attend the University tuition-free or receive up to $1,150 per year, for four years, toward the tuition at any other accredited college or university

Teaching loads have been set to allow time for scholarly pursuits, for research, and for professional consultation.
AN INTENSIVE EFFORT has been made to create the right physical environment for research and study, for meetings with students and colleagues, for stimulating instruction and discussion.

The strengthening and expansion of undergraduate and graduate programs, the high academic achievement of the student body, expansion of graduate enrollment, growing opportunities for cross-fertilization of ideas from discipline to discipline—all of these have helped to create a scholarly atmosphere and have enabled the University to attract and hold a superior faculty.

IN THE DECADE WHEN THE MARKET WAS FAR FROM ABUNDANT, THE UNIVERSITY HAS BEEN ABLE TO INCREASE ITS FULL-TIME FACULTY:

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<th>Year</th>
<th>Number of Full-Time Faculty Members</th>
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<tr>
<td>1951</td>
<td>349</td>
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<tr>
<td>1961</td>
<td>602</td>
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SIMULTANEOUSLY, THE PERCENTAGE OF FULL-TIME RIVER CAMPUS FACULTY MEMBERS WHO HOLD THE PH.D. DEGREE HAS BEEN INCREASED:

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<th>Year</th>
<th>Percent of Full-Time Faculty Members</th>
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<tr>
<td>1951</td>
<td>50%</td>
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<td>1961</td>
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Another important element in strengthening the structure of the University was the establishment of a central administration for conducting a $34 million per year enterprise.

This need was perceived as early as 1954 when, in his report to the Trustees, Dr. de Kiewiet pointed out:

"If the full potential of this institution is to be realized, we must provide for coordination of the elements of strength that exist. The finances, educational program, policies of one part of the University must henceforth be more clearly related to those of other parts, and the relation should be harmonious."

The strengthening of the University administration was founded on the premise that the faculty should be free to teach and to follow their scholarly interests. Moreover, it was recognized that the day-to-day operation of a complex educational institution carries great responsibilities for:

- The coordination, strengthening, and growth of academic programs
- The administrative details of research programs
- The growing demands of student recruitment and selection (2,728 students applied for admission in 1961, compared with only 984 in 1951)
- Student health and welfare, including a broad range of extracurricular activities and the vocational placement of students upon graduation
- Matters of budgets, investments, and general finance
- Buildings, land, and plant maintenance
- Personnel, purchasing, and accounting
- Relations with alumni, parents of students, the community, and other groups and individuals associated with the University
- The broad, continuing, and essential search for new funds to undergird the total University enterprise

Thus, a decade of change has produced a university wherein a strong College of Arts and Science, and its evening counterpart, University School, are surrounded by five professional schools—Music, Medicine, Engineering, Education and Business Administration—wherein the four-fold role of the University—undergraduate education, graduate education, research, and community service—have been more clearly recognized, and the entire range of responsibility strengthened and broadened; and wherein the other elements essential to the goal of eminence have been provided to the extent possible.

As the University of Rochester accomplished these things, it was enabled to meet ever more readily and more competently the challenges facing the nation and the world.
THE POPULATION EXPLOSION

TOTAL UNITED STATES POPULATION
1951 153 Million
1961 182 Million

FIVE TO SEVENTEEN YEAR-OLDS IN ELEMENTARY AND SECONDARY SCHOOLS
1951 27.6 Million
1961 42.3 Million

UNDERGRADUATE ENROLLMENT IN COLLEGES AND UNIVERSITIES
1951 2.2 Million
1961 3.6 Million
THE POPULATION explosion produced responsibilities well beyond those of expanding the University's enrollment and providing the requisite programs, instruction, and facilities. The nation-wide teacher shortage demanded urgent action by American colleges and universities.

To help meet this need, the University has transformed what was a department in the College of Arts and Science in 1951 into a flourishing College of Education. In the past decade, the University's course enrollments in Education have nearly doubled. And today, the College offers the B.S., M.A., Ed.M., and Ed.D. degrees, and a sixth-year professional certificate program in guidance, educational administration, curriculum, and instruction.

The College of Education is endeavoring to meet mounting responsibilities in many areas:

- Under grants from the National Science Foundation, the State Education Department of New York, and the National Defense Education Act, teachers from colleges and elementary, junior and senior high schools participate in intensive six-week summer institutes for advanced training in physics, chemistry, mathematics, earth sciences, and radiation biology.

- Aided by a $1.8 million Ford Foundation grant to the Universities of Rochester, Cornell, Syracuse, and Buffalo, the College of Education is working to strengthen teacher education and the training of school administrators.

- Research in programmed learning is an important new activity; the University's College of Education was the first in the country to offer a credit course in this challenging new field.

- In cooperation with the International Cooperation Administration, new programs of educational assistance to African countries are being developed, as are programs in teacher education for Americans who will serve in that area and for Africans who come here to study.

- The Wide Horizons Program has been developed to stimulate and broaden the intellectual interest of area teenagers. Through this program, some 200 outstanding pupils from 37 high schools meet monthly with University scholars to discuss ideas that have influenced man's knowledge. Now in its fifth year, "Wide Horizons" has created national attention and has served as a model for similar projects elsewhere in the country.

- Annually, several thousand teachers, administrators, and school trustees receive in-service educational opportunities through the programs of the Genesee Valley School Study Council and its Genesee Valley School Boards Institute, both sponsored by the College of Education.

- Research projects with area schools have been initiated to develop new techniques in large-group and small-seminar instruction, and to learn why some children of above-average ability fail to achieve academic success.
THE CHANGING University of Rochester has responded in other ways to a changing America. As the gross national product of the United States increased from $329 billion in 1951 to $504 billion in 1961, so did the University's emphasis on business education and on adult evening session courses.

Because of its responsibility to aid and promote the community's expanding industrial and productive strength, the University began offering business subjects in the early '20s.

But it was in the decade between 1951 and 1961 that business administration grew from a unit in the Department of Economics and Business Administration to a College of Business Administration, with authority to grant the B.S. degree in accounting, business administration, and industrial management, and the M.S. and M.B.A. degrees. Its 47 faculty members work with more than 600 undergraduate and graduate students on credit programs during day, evening, and summer sessions.

In addition, training is provided for a growing portion of the community's management personnel through special seminars, clinics, institutes, and conferences. These include CPA Review Courses, Tax Planning Institutes, and Seminars on Management Decision Making, Advanced Marketing Management, Sales Management, and Skill Development in Human Relations.

Another factor in the nation's expanding economy is the upgrading of its workers, a characteristic that frequently depends on supplementary and continuing education. The University of Rochester considers such supplementary education an indispensable service to the industrial community, and its expansion of the adult evening session reflects this basic philosophy.

Today, through Evening Session, it is possible to earn the B.S. degree in seven fields; the M.A. and M.S. degrees in fourteen; and certificates in a number of other areas.

The Evening Session of 1951 enrolled some 2,000 part-time students. In 1961, the Evening Session student body of 3,000 persons was the largest single division of the University. Most of the evening students are full-time employees in area industry, and over half of them are subsidized by their employers—a clear indication of the importance business and industry attach to this upgrading process and to the value of the University's Evening Session to corporate well-being.
Since no one may tell when knowledge that now seems inapplicable or sterile may become useful or fertile, let him beware who seeks to place restraints upon man’s passion for knowledge.

C. W. de Kerwieth
Inaugural Address, 1951
Research growth at the University of Rochester has kept pace with the other changes in the institution. By 1957, the budget for research had become as great as the budget for the entire university in 1939. Between 1951 and 1961, funds coming to the university in direct support of research jumped from $3 million to $8 million.

An important development—one reflecting the growing interrelationship of the various academic disciplines—has been the establishment of research and training programs which cut across departmental lines.

In the new Center for Brain Research, scientists from psychology, anatomy, biochemistry, pharmacology, and psychiatry, as well as engineers, mathematicians, and physicists, now work together toward an unlocking of the chemical and physical secrets of learning—how the brain codes, processes, and stores information; what happens to information that the brain has once memorized, and to the stimuli of recall. Considered one of the most important areas of basic science in the coming decade, brain research promises major advances in mental health and medicine in general, as well as in an understanding of the learning processes.

The new inter-disciplinary approach has also become evident in the field of biomedical engineering, in which the University established the nation's first professorship. Operated by the College of Engineering in cooperation with the School of Medicine and Dentistry, the biomedical engineering program draws upon the talents of

"What is especially notable in modern scholarship is the disappearance of rigid barriers between the disciplines. Thus, while individual disciplines themselves do not disappear, their frontiers become new areas of cooperation and cross-fertilization. It seems very likely that new areas of scholarly endeavor expressed in new academic groupings and different administrative arrangements will increasingly mark the better institutions of the coming generation."

C. W. de Kiewiet
Report to Trustees, 1961
engineers, electronics experts, radiologists, biologists, physi­
icians, and computer specialists to work on those funda­
mental problems in biology and medicine to which mod­
ern engineering techniques may be successfully applied.

New programs in microbiology and genetics-cellular biol­
ogy have also been established—programs which co­
ordinate the experience, training, and knowledge of spe­
cialists in biology, medicine, pharmacology, and radiation biol­
ogy.

Extensive research training programs have been de­
developed in psychology, psychiatry, and bacteriology.

Pharmacology and the increasingly important field of Preventive Medicine and Community Health—other areas which demand the knowledge of specialists from many fields—have been established as full-fledged departments in the School of Medicine and Dentistry.

Cinefluorography—demanding the skill and talent of the radiologist, the engineer, and the photographer—was first developed in this country at the University Medical Center and has been extensively developed as a clinical and diagnostic tool.

Research in particle physics, high energy physics, chemistry, optics, psychology, physiology, psychiatry, bacteriology, radiology, biology, genetics, dentistry, biochemistry, radiation biology, and pharmacology has brought international recognition to the University of Rochester. To aid such research, the University has con­
structed:

A 230 million volt synchro-cyclotron with associated shop and laboratory buildings

Particle Physics Laboratory

Radiation Therapy Center

Rehabilitation and Diagnostic Center

Three-story addition to Wing O of the Medical Center for Pharmacology and the Atomic Energy Project

Two new floors in Wing R Psychiatric Clinic

New facilities in Department of Physiology

Research facilities for the Department of Preventive Medicine, Psychiatry, and Psychology

Essential to such an intensified research pro­
gram was a computing center.

Such a center was established in January, 1955, begin­
ning with a desk-sized Burroughs E-101. The basic IBM 650 was added within six months. By 1959, a larger 650 system had been installed and the Center was offering regular courses in computer programming. With a pains­
takingly developed library of standard programs and routines, the Computing Center staff has assisted many University divisions and departments with research projects and problems, and, in subjects relating to or using computers, has been able to provide assistance and demonstrations for classes both at the University of Rochester and at other institutions.

Computer-oriented projects have increased steadily. By 1961—with the installation of an IBM 7070 computer—faculty members needing a major computer facility in their research were able to work with one of the most completely equipped centers to be found at any eastern university.
Knowledge was becoming power: between discovery and application, the gap was narrowing with frightening speed:

1. Over a hundred years elapsed between the principle of wave interference and the development of the interferometer.
2. Seventy years elapsed before Marconi was successful in applying the principles of electromagnetism.
3. The gap between the principle of nuclear energy and its practical "application" was four years.
4. Yet less than a year after optical pumping had been observed a magneto meter was on the market.
Every field of knowledge should have its practical philosophers and engineers to work at the task of applying what we know to the complex and varying problems of human life. By the side of those who pursue knowledge for its own sake, a high place must be found for those who clarify and transmit knowledge to the citizens.

C. W. de Kiewiet
1951

The traditional point of view that knowledge pursued for its own sake is the only activity worthy of the scholar is a noble one. It is still widely held, and still with much justification. Yet no one can fail to observe how much (in industry, health, defense, space exploration) our generation is concerned with passing as swiftly and effectively as possible from the world of thought to the world of action.

C. W. de Kiewiet
1961
ENGINEERING at Rochester has long received important emphasis. In 1951, the University offered courses leading to the B.S. and M.S. degrees in chemical and mechanical engineering, and did so through the Division of Engineering of the College of Arts and Science. Electrical engineering was added in 1957. In 1958, the University established the College of Engineering, and three years later incorporated into the College the Institute of Optics, the only unit of its kind in the country, and the only privately-supported one in the world.

From the beginning, the new College of Engineering set as its goal the achievement of balanced programs in undergraduate education, graduate education, research, and service to community and industry—where, as its dean has stated, "each not only is significant in its own right, but contributes to the vitality of the others as well."

The substantial progress achieved by the College in its first three years is indicated by a quick glance at its gains in:

Curriculum. Today the College offers work through the doctoral level in all four departments—chemical, mechanical, and electrical engineering, and in optics. In the undergraduate area, the curriculum in mechanical engineering has been reshaped into a strongly science-oriented, highly sophisticated program embodying the dynamic new concepts that are revolutionizing modern engineering education.

Faculty. Since 1958, the College has added 17 persons to its faculty, all Ph.D.'s or the equivalent: nine in electrical engineering, five in mechanical engineering, and three in chemical engineering. The full-time faculty totals 37, over 90% of whom hold doctoral degrees; the administrative, part-time, and technical staff numbers 75. By 1965, the College plans to add an additional 20 faculty members.

Enrollment. The goals of the College include increasing undergraduate enrollment from its 1958 total of 271 to 500 by 1965, and raising full-time graduate enrollment from 15 to 60 during the same period. Despite the national trend toward smaller undergraduate enrollments in engineering, at Rochester undergraduate enrollment in engineering has increased to 300. Graduate enrollment has gained even more sharply—from 15 full-time graduate students in 1958 to 40 in 1961-62.

Research. The past three years have seen a dramatic upsurge in research programs. During 1958-59, the dollar volume of engineering research sponsored by corporations, foundations, public and private agencies totaled about $20,000. In 1959-60, it increased to $30,000. In 1960-61, to $180,000. And for 1961-62, it will total about $250,000 for the Departments of Chemical, Mechanical, and Electrical Engineering, to which has now been added the Institute of Optics’ research budget of over $450,000.

Service. The College’s close and continuing association with industry, both nationally and locally, is an important feature of its long-range development plan. The College offers its staff for research and consulting services, and its facilities for scientific and engineering conferences. Its greatest area of service comes, of course, from its regu-
larly scheduled programs. An increasing number of local industries are encouraging their professional employees to seek advanced degrees at the College, both through evening courses and on a "released time" basis, through the College's regular daytime courses.

**Facilities.** To meet the growing space needs created by its expanding programs and enrollment, the College has made two major additions to the engineering center, Gavett Hall. These additions have provided considerably improved facilities for chemical and electrical engineering, and research in optics. In addition, plans for a new four-story engineering building, to be known as the Hopeman Engineering Building, were recently announced. Designed to provide additional facilities for mechanical and electrical engineering, the $1,500,000 structure will help to assure the University of the physical base essential for an engineering college of national distinction.
We are still trying to deal with the modern world equipped with a body of knowledge and concepts acquired in a far more limited context. Simply to add to our stock of knowledge about China and India, Africa and the Arab world could increase our chance of holding the sympathy of our allies or of dealing more wisely with our enemies. But our need is really for thoughts that have not been thought before, for a release from concepts that have grown insufficient and assumptions that have grown false.

C. W. de Kiewiét
Address before American Association for Science—1951

A university that is not actively and usefully working on the problems of Red China, the educational systems of the New Africa, the world population explosion, the functioning of dozens of new constitutions, the modernization of two billion people is not working on the frontiers of knowledge.

C. W. de Kiewiét
Address to Alumni—1960
IMPORTANT University actions have been taken to meet the challenge of "emergence." The B.A. degree in non-Western civilizations was established in 1955, enabling the candidate to learn something of the history, language, government, economics, geography, anthropology, religion, literature, science, and arts of Russia, China, Japan, the Middle East, Latin America, Africa, and India. A vigorous inter-departmental program, non-Western civilizations courses are now taught by experts from eight specialized fields of knowledge, and is currently supported by a grant from the Carnegie Corporation of New York.

In other actions, the Russian language program has been expanded, a course in Chinese was added, and summer institutes in Latin American studies and India have been organized for elementary and junior high school teachers.

Foreign student enrollment in medicine, music, education, and the sciences has tripled in ten years; over half these students now come from the "emerging" or "non-Western" countries.

In the College of Education and the Department of Foreign Languages, special projects are in process to develop new techniques of teaching English in the underdeveloped nations.

Equally important as these institutional efforts on behalf of underdeveloped nations have been the personal services of faculty and administrators. Dr. de Kiewiet, serving as an expert and experienced consultant, has
worked closely with educators and government officials in fostering and developing improved educational resources in Uganda, Kenya, Tanganyika, and Eastern Nigeria. Deans and faculty members have served as key advisors, consultants, and committee members for Turkey, India, Japan, Latin America, and the Middle East. Recently, for example, members of the Medical School faculty were appointed to conduct an international training course in radiation health and safety. Held in Japan, the course is sponsored by the World Health Organization, the International Atomic Energy Agency, and the Japanese government for scientists and technicians working in hospital radiological practice, the use of isotopes, public health aspects of radiation problems, and other aspects of health and safety in the field of atomic energy.

Not in the same sense of “emergence,” certainly, but much needed in the area of international cooperation, have been the efforts of the University of Rochester to effect a greater understanding between Canada and the United States. A Canadian Studies Program—the first in the United States—was established in 1954, with support from the Rockefeller Foundation. Currently being expanded with the aid of a five-year Carnegie Corporation grant, the Canadian Studies Program includes undergraduate and graduate work in Canadian history, geography, and economics. The library holdings developed as part of the research projects undertaken in this field now are rated among the seven leading collections of Canadi-ana in the United States.
As the work of its faculty and staff drew increasing attention to the University of Rochester, its spokespersonship grew, not only in the non-Western world and Canada but also in other national and international affairs.

In 1950, the University of Rochester sponsored a one-day meeting on high energy physics for 95 U. S. physicists. The conference became an annual event, growing in size and significance each year, and eventually coming under the aegis of the International Union of Pure and Applied Physics.

By 1960—with annual meetings rotating among Soviet Russia, Switzerland, and the University of Rochester—the ten-day conference had an invited participation by 350 of the world’s outstanding high energy physicists from thirty countries, including eight Nobel Prize winners and a 28-man delegation from the Soviet Union.

Meetings of other national and international organizations held on this campus further enhanced the University's spokespersonship: The International Union of Pure and Applied Chemistry, Canadian-U. S. Conferences, the Annual International Symposium on Cinefluorography, the International Conference on Graduate Training for Research in Vision, the International Conference on Semiconductors, the American Society for Pharmacology and Experimental Therapeutics, the American Chemical Society, etc.

Service by faculty and administrators to UNESCO, the United States Department of State, the Department of Defense, the United States Office of Education, the New York State Department of Education, the Association of American Universities, the Atomic Energy Commission, and other organizations were additional University contributions to the national and international scene.
OTHER NATIONAL and international contributions were made by the University: By the work of its Fulbright scholars, its Ford Foundation and Guggenheim Fellows; by Nobel, Pulitzer, and Prix de Rome awards to graduates; by the election of faculty members to the National Academy of Sciences and the American Academy of Arts and Science; by the European tour of the Eastman Philharmonia, the only student orchestra selected to participate in the President's Cultural Exchange Program; by a Middle Eastern tour of the Eastman String Quartet; by national radio and television programs; by the production and world-wide distribution of numerous albums recorded at the Eastman School by Dr. Howard Hanson and Dr. Frederick Fennell featuring the Eastman Rochester Symphony Orchestra, the Eastman Wind Ensemble and the Eastman “Pops” Orchestra.

Eloquent testimony, too, to the scholarly activities of faculty members has been the steady flow of papers appearing in scientific and cultural journals... scientific exhibits... and books by faculty from every school and college of the University.

The faculty also is represented on the staff of numerous scholarly publications. The University itself serves as the headquarters of The Journal of the American Chemical Society; members of its Department of Chemistry serve on the editorial board of this publication, as well as The Journal of Physical Chemistry and Chemical Abstracts. Fellow-faculty of the College of Arts and Science hold similar post on publications in the fields of biology, German language study, and literature.

The University’s Department of Pharmacology publishes a compendium on household and commercial poisons which is the standard work in its field. As a supplement to this work, members of the Department, under a grant from the National Institutes of Health, publish a monthly supplement which is sent to poison control centers throughout the United States and its territories.
“A university is never fully mature...
In his last report to the Board of Trustees, Dr. de Kiewiet said, "The nation has still to measure the transformation in spirit, shape and dimension that has taken place in this University. It is very impressive, so impressive that the University is in a splendid position to benefit from the opportunities that lie ahead."

That the University intends to live up to the "opportunities that lie ahead" is clear from projections already made.

Between now and 1965, for example, $30 million worth of new construction is planned: classrooms, libraries, laboratories, hospital facilities, and living centers. And to meet the needs for steady improvement of academic programs, additional student aid, continued improvement of faculty salaries, for new faculty appointments, for research, for staff benefits, for maintenance and overall University operation, the current budget of $34 million is projected to $50 million by 1965, and $100 million in the early 1970's.

But the University's role today and in the future can best be measured, not in terms of its new buildings or its rising budgets; it can be accurately assessed only in terms of its progress toward meeting the objectives it has set for itself: to achieve and sustain excellence in the academic areas it has chosen to serve and to contribute importantly to the needs of society. Those objectives reflect the University's commitment to the future.

As they increasingly are realized, they will testify even more eloquently to the continuing and creative transformation in spirit, shape, and dimension that truly characterizes the University of Rochester.
"We have reproduced the architecture of cancer in the test tube"—this announcement by Dr. Herbert R. Morgan, professor and Chairman of the Department of Microbiology at the Medical Center, heralded a major breakthrough in the world-wide quest to pinpoint viruses as the cause of some—or even all—types of cancer.

In an experiment Dr. Morgan describes as being one of "beautiful simplicity," a virus known to cause cancer in chickens was produced in the test tube under carefully controlled laboratory conditions. Although several research groups previously had reported cancers resulting from the implantation of viruses into animals, there was some question that the viruses alone were responsible. This is reported to be the first conclusive proof that a virus of this type produced a true malignant change in tissue culture.

Working in the Louis A. Wehrle Virus Research Laboratory and the M. Herbert Eisenhart Tissue Culture Laboratory at the Medical Center, Dr. Morgan and his assistant, Angelo Andrese, a graduate student, found the key to their discovery in a technique for determining the sex of cells in tissue cultures that had been perfected by Dr. Henry A. Thiede, an obstetrician at the Medical Center.

The new work, Dr. Morgan explained, involved research with Rous sarcoma virus, which causes tumors in chickens resembling cancers found in humans. Although common to chickens, the virus strangely causes cancer only in certain chickens.

Dr. Morgan obtained a strain of White Leghorn chickens which is peculiarly susceptible to Rous sarcoma, and injected the virus into embryonic cells of this strain in tissue culture, which showed distinctive changes within a few days. The cells developed many of the characteristics of cancer cells, becoming big and round, with ballooning nuclei and larger than normal amounts of RNA (ribonucleic acid), and began to produce the polysaccharide which actually constitutes the bulk of the tumor mass in the chicken.

Through the work of Dr. Thiede, the scientists were able to determine that the cells were male. This was found because sex chromatin is present in less than five per cent of male chicken cells, whereas it is present in more than half of female chicken cells. By screening the cells under the microscope, the scientists were able to determine that they were male.

Knowing that they had produced malignant-appearing cells with the virus in tissue cultures, the scientists then confirmed the finding by injecting these virus-producing cells (which were male) into the wings of two-month-old female White Leghorn chicks. Into opposite wings, they introduced the virus directly.

In seven to 20 days tumors appeared in all the wings and these were surgically removed. Later cells from them were stained and fixed for examination under the microscope.
The tumors produced in the chicks, following the injection of the male embryonic cells infected with virus in tissue culture, were shown to be constituted of male cells. On the other hand, female cells showed up in the tumors produced by directly injecting the virus into the wings of the female chickens, indicating that virus-induced cancers arise from host cells.

These results—first reported in *Experimentia*, a European scientific journal—are the product of six years of virus-cancer research supported by large grants from the National Cancer Institute and the Louis A. Wehle Foundation. Some of the work preparatory to the experiment had been carried out last year at the Norwegian National Institute of Health at Oslo, where Dr. Morgan served as an adviser.

A graduate of Harvard Medical School, Dr. Morgan came to Rochester from the University of Michigan ten years ago to become Chairman of the Department of Microbiology. Before embarking on his virus-cancer studies, Dr. Morgan carried on extensive investigations of the problem of latent virus infections. In addition, he discovered vital information on the way in which the drug cortisone exerts its effect in allergic disorders.

Speaking with the caution that characterizes the responsible scientist, Dr. Morgan said of his discovery, "The experiment paves the way for studying similar viruses suspected of causing cancer in humans by providing a new experimental system whereby it is possible to cultivate human cells in tissue culture."
PROCEDURES FOR SELECTING a new President for the University have been outlined by Joseph C. Wilson, Chairman of the Board of Trustees.

Members of the Trustees' executive committee, working closely with a faculty committee, are taking the lead for the preliminary screening of candidates suggested for the post relinquished this summer by Dr. Cornelis W. de Kiewiet, now President Emeritus.

Wilson emphasized that the committee will "undertake a nationwide search to find another outstanding educational leader to fill the University presidency," He said that suggestions for candidates will be sought from the deans of the University's schools and colleges, members of the faculty and administrative staff, alumni, national educational organizations and foundations, and other friends of the University. He added that members of the present University staff "would certainly be considered."

Trustee members of the executive committee are: Marion B. Folsom, Mercer Brugler, John W. Remington, Leo D. Welch, Marion W. Fry, Sol M. Linowitz, and William S. Vaughn. Mr. Wilson is acting as chairman.

The faculty committee includes: Dr. John Romano, Chairman of the Department of Psychiatry, committee chairman, Dr. Lewis Beck, Chairman of the Department of Philosophy, Dr. Daniel Healy, Jr., Chairman of the Department of Electrical Engineering, Dr. Robert B. Howsam, Associate Dean, College of Education, Dr. Robert E. Marshak, Chairman of the Department of Physics and Astronomy, Dr. Allen I. McHose, director of the summer session and a member of the theory department at Eastman School, Dr. Lionel W. McKenzie, Chairman of the Department of Economics, Dr. W. Albert Noyes, Jr., Distinguished Senior Professor of Chemistry, and Dr. J. Lowell Orbison, Chairman of the Department of Pathology.

"A surly drayman with Dray bruised a child in Woodstreet . . . Hex ran away, and left Horse, Cart and Barrells . . . " reads the first newspaper account of a hit-and-run accident as reported in a London newspaper, circa 1646. This and other journalistic firsts are reported in a new book published by the Harvard University Press entitled "The Beginnings of the English Newspaper, 1620-1660." The author, Dr. Joseph Frank, Associate Professor of English, himself a one-time newspaperman, chronicles the rise and fall of the early domestic press in England in an era marked by political and social upheaval. An earlier book by Dr. Frank, "The Levellers," published in 1956 by the Harvard University Press, examined the work of mid-seventeenth-century pamphleteers.

DR. ARNOLD W. RAVIN, Associate Dean of the College of Arts and Science and Professor of Biology, has been named Dean of the College for 1961-62, succeeding Dr. McCrea Hazlett, who is now Provost of the University for the current academic year.

Named Associate Dean for the same period is Dr. R. James Kaufmann, Associate Professor of English, a member of the University faculty since 1955. Dr. Kaufmann, author of two books and numerous articles on drama, fiction and criticism, is currently preparing a book on Greek, Elizabethan and modern tragedies.

Ravin, 40, who has been on the faculty since 1953, was Chairman of the Department of Biology from 1957 until 1960 when he was appointed Associate Dean of the Arts College. He spent last year in Europe under a Guggenheim Fellowship, completing a book on current frontiers in biological research and working with biologists at the University of Brussels and the University of Paris.

DR. DEAN H. OBRECHT, Assistant Professor of Spanish, has been awarded a three-year grant of $22,700 by the National Science Foundation to support his research in "Perception in Spoken Arabic." Dr. Obrecht will spend a part of his time in Lebanon working with Arabic-speaking Lebanese, and will do part of his research at the University. He will continue to teach Spanish here.

DR. EMBRY L. COWEN, Professor of Psychology, is spending a year in Paris under a special U. S. Public Health Service post-doctoral research fellowship. He will be affiliated with the Institut de Psychologie of the University of Paris, doing research on problems of adjustment to deafness.

Dr. Cowen's new book, "Adjustment to Visual Disability in Adolescence," has just been published by the American Foundation for the Blind. The volume summarizes a number of years of research in this area, sup-
ported initially by the Foundation and later by the U. S. Public Health Service. Three of his former Ph.D. candidates, each of whom did his doctoral research as part of the larger project, are co-authors. They are Dr. Rita P. Underberg, Dr. Ronald T. Verrillo, and Dr. Frank G. Benham.

COLLEGE OF BUSINESS ADMINISTRATION

The history of the University will chronicle September 1961 as the time when the School of Business Administration became a full-fledged college within the University complex. Dr. John Brophy, Director of the School of Business Administration since 1958, was named Dean of the College. An outgrowth of the Department of Business Administration, it became the School of Business Administration, separate from the College of Arts and Science, under the 1958 reorganization of the academic and administrative structure.

Along with the change in status came a change in location; from their cramped quarters in the Men's Dining Hall, the College of Business Administration has moved to Dewey Hall. To effect this change, offices of the College of Education were consolidated in Taylor Hall when University School offices moved into the Administration Building.

The problem of member bank borrowing from the Federal Reserve System, especially during a tight money period, will be studied by Dr. E. Murray Polakoff under a Ford Foundation Faculty Research Fellowship of $21,411. Dr. Polakoff, who became a member of the faculty here this year after serving as a professor of economics at the University of Texas, will conduct his empirical research in New York City. He was selected as one of 34 holders of fellowships provided by the Ford Foundation for research on important business and economic problems.

The management man who knows the difference between a payoff matrix and pay day is in demand by industries becoming ever more oriented to science and technology. To meet the need for management personnel with training in quantitative methods, the College is offering a new course in industrial management. The course replaces one formerly offered by the Department of Economics in cooperation with the College of Engineering; it will lead to a Bachelor of Science degree with a major in industrial management.

COLLEGE OF ENGINEERING

Symbolizing the rapid growth of the College of Engineering, a new building will begin rising this fall beside the present engineering center, Gavett Hall. To be known as the Hopeman Engineering Building, the structure will provide important additional facilities for the expanding programs in engineering.

A major portion of the funds for the $1.5 million building has been contributed through a bequest from the estate of the late Bertram C. Hopeman and a gift from Mr. and Mrs. Albert A. Hopeman, Sr. Albert A. Hopeman is former president of A. W. Hopeman & Sons Co., construction firm, which served as the University's agent and general contractor for the original River Campus buildings and a number of other University of Rochester facilities.

Work on the four-story building will start this fall with completion set for January, 1963. It will house all offices and laboratories of the Department of Electrical Engineering and more than half the facilities for the Department of Mechanical Engineering.

According to Dr. John W. Graham, Jr., Dean of the College of Engineering, the Hopeman Building will contain offices for 20 faculty members and 60 graduate students, research laboratories, and associated facilities for the Department of Electrical Engineering. It also will house offices for 10 faculty members and 48 graduate students, as well as specialized research laboratories for the Department of Mechanical Engineering.

Major laboratories will be located in the center of the building, with offices situated around the perimeter. The central laboratories, which will be accessible from both the north and the south sides of the building, will be windowless in order to permit controlled light and temperature conditions needed in certain types of research. The exterior of the new structure will be of brick and will be designed to harmonize with the architectural style of the original River Campus buildings. Architects for the project are Waasdorp, Northrup and Kaelber.

A new seminar course in biomedical engineering, the first of its kind in the United States, began in September. The biomedical program of research and graduate training was recently established at the University of
Rochester under a five-year National Institutes of Health grant totaling $254,407.

The course is being conducted by Dr. Daniel W. Healy, Chairman of the Department of Electrical Engineering, and by Dr. Lee B. Lusted, Professor of Biomedical Engineering. Invited lecturers of national stature will also take part, including several from Johns Hopkins University and the University of Pennsylvania, both of which also have received National Institutes of Health grants for biomedical engineering as part of a regional project in cooperation with the University of Rochester.

THE PERKIN-ELMER CORP. of Norwalk, Conn., manufacturers of lenses, prisms, photometers, and other scientific instruments, has awarded the University a $5,800 annual graduate fellowship in optics.

In a letter to the University, Richard S. Perkin, chairman of the board, said that the firm's support of the Institute of Optics is based on its vital interest in the education and training of capable people in the field of optics. "We have been highly impressed with the programs at the Institute, and have decided to support it with a full graduate fellowship," he said.

COLLEGE OF EDUCATION

A two-year certification program which will allow liberal arts college graduates to prepare for elementary school teaching through part-time study has been instituted by the College of Education. Graduates of the program will be certified as elementary school teachers in New York State, qualifying them to receive equivalent certification anywhere in the United States.

The new program will enable college graduates with no previous training in education to teach at the grade school level through three years of evening study and a final semester of full-time practice teaching.

William L. Irvine, dean of the University of Maine in Portland, has been appointed coordinator of projects in teacher and administrator education being undertaken jointly by four universities in upstate New York.

The projects are part of a broad program, supported during its first six-year phase by a grant of $1,800,000 from the Ford Foundation, which is being carried on cooperatively by the Universities of Rochester and Buffalo, and Cornell and Syracuse Universities. The four institutions, through their schools of education, are initiating an extensive program aimed at improving the quality of education in the United States.

The College of Education has instituted an advanced course in programmed learning termed a "first" of its kind in this country by Clarence M. Williams, Assistant Professor of Education. "Programmed learning" is the use of teaching materials arranged in a logical sequence of small steps. Last year, when the University offered the nation's first full-scale college-credit course in this field, two-thirds of the students enrolled expressed a desire for an advanced course. Hence the inception of "Advanced Auto-Instructional Methods," a further exploration of the psychology of learning.

Eastman School of Music

THE FIRST PERFORMANCE of John Wesley's Covenant Service set to music by Thomas Canning, teacher of composition and theory, was a part of the Seventh National Conference of Methodist Youth at the University of Illinois. The work included a 100-voice choir from Southern Methodist University, a baritone soloist, eight brass instruments, organ, and tympani. As a unique feature of the service, Canning planned parts of it to be sung by the 5,000 delegates attending the conference.

For the first time in its history, enrollment in the summer session of the Eastman School of Music exceeded 1,000. According to Dr. Allen McHose, director of the session, more students are discovering the exceptional facilities the Eastman School offers for summer study, and more persons are turning to music as a career or a special study. Students in this year's summer session came from 42 states and from Puerto Rico, the Philippines, Korea, Japan, Ecuador, and Canada.

William Tegg Cheswell, a native of Boston, and a 1940 graduate of Harvard College, has been appointed registrar of the Eastman School. Cheswell, who came to the School as teacher of French two years ago, will continue to teach classes.

Previously, he was director of French House and assistant professor of French at New York University.

John LaMontaine, of New York City, a graduate of the Eastman School of Music in 1942, and winner of the 1959 Pulitzer Prize in composition, has been appointed visiting Professor of Theory and Composition at Eastman this fall.

LaMontaine was selected to write a new work for the inauguration ceremony of President Kennedy. The work, "From Sea to Shining Sea," was performed at a concert by the National Symphony Orchestra.

This year, LaMontaine was awarded a commission by the Serge Kouzovitzky Foundation in the Library of Congress. For five years he was pianist with the NBC Symphony Orchestra, conducted by Arturo Toscanini. He was a Guggenheim fellow in 1959 and 1960.
HEINRICH KETTMANN has been named Emeritus Professor of Medicine after 32 years on the Medical School faculty. He has not retired completely, but retains his position as Assistant Professor of Pharmacology and has recently received a $133,401 grant from the U. S. Public Health Service for research in chromatography and infrared microspectrophotometry of steroid hormones. Known for his research in cancer, he was co-director with Dr. John J. Morton, Jr., Professor of Surgery Emeritus, of a metabolic study of cancer patients in the Metabolism Ward of the Medical School, aided by an institutional grant of $26,750 from the American Cancer Society.

INTERNATIONALLY KNOWN for his research on nutrition and food technology, Dr. Edmund S. Nasset, Professor of Physiology, will be nutrition adviser to the Indian government for the next 18 months under the Food and Agriculture Organization (FAO) of the United Nations. He will organize a Nutrition Division in the Ministry of Food and Agriculture for planning and implementing a suitable program designed to raise the level of nutrition in India.

DEAN DONALD G. ANDERSON was awarded an honorary degree of Doctor of Science by the New York Medical College, in recognition of his leadership in medical education.

Dr. Anderson is president-elect of the Association of American Medical Colleges, and will become president in November.

HUNDREDS OF PATIENTS suffering from malignant disease have been given hope and encouragement as a result of super-voltage treatments at the Radiation Therapy Center, says Dr. Philip Rubin, Chief of the Division of Radiation Therapy and Radios isotopes. In a report to the John A. Hartford Foundation, Inc., Dr. Rubin revealed an increase of nearly 4,000 patients receiving treatment in 1960 compared with the number in 1958. In addition, high energy therapy was made available in 1960 to twice as many patients as in 1958. It is Dr. Rubin’s conviction that the Center’s advanced equipment is responsible for this vast step forward in short-term cancer control.

Dr. John F. Gipner, head of the Division of Ophthalmology, has retired from that position. He will continue to practice in Rochester. He is succeeded by Dr. Albert C. Snell, Jr., who has been promoted to professor and chairman of the division and ophthalmologist-in-chief at Strong Memorial Hospital.

Dr. Gipner has written many papers for publication, and contributes to publications of the New York State Commission for the Blind and to the Ophthalmic Publishers Panel of the Bausch & Lomb Optical Co. Dr. Gipner was a delegate to the International Congress of Ophthalmology in London in 1950, in New York in 1954, and in Brussels, Belgium in 1958.

Dr. Snell joined the University of Rochester medical faculty in 1944 as an instructor in ophthalmology and assistant surgeon. He was graduated from the University of Rochester Medical School in 1940, and became assistant professor in 1949, associate professor and senior associate ophthalmologist in 1958.

ERLING JOHANSEN, Associate Professor of Dental Research and Chairman of the Department of Dentistry and Dental Research at the School of Medicine and Dentistry, has been promoted to full professor.

Dr. Johansen has been a member of the University of Rochester Division of Dental Research since 1950, first as a graduate student fellow and later as a senior fellow in dental research. He became Chairman of the Department of Dentistry and Dental Research in 1955.

AS PRESIDENT of the International Society for Cardio-Vascular Surgery, Dr. Charles Rob, Chairman of the Department of Surgery at the Medical Center, presided at the society’s fifth annual international congress last month in Dublin, Ireland.

He received an honorary degree of Master of Surgery from Trinity College, Dublin, and was made a fellow in the College of Surgeons of the University of Dublin.

Dr. Rob was elected president of the International Society for Cardio-Vascular Surgery in 1959 in recognition of his achievements in the field. He is co-author of a comprehensive eight-volume work on operative surgery, which the British Journal of Surgery has called “a great achievement . . . the standard work on operative surgery,” and was the first surgeon to successfully reconstruct the carotid artery and the cervical esophagus, using a one-stage operation with skin grafts.

DONALD A. MORKEN, ’54G, has been promoted to Associate Professor of Radiation Biology.

He has been a member of the medical faculty since 1954, when he began as an instructor, and was promoted to assistant professor in 1958. His special field of research interest is the toxicity of radioactive materials.

ASHTON B. MORRISON, assistant professor of pathology at the University of Pennsylvania School of Medicine, has been appointed Associate Professor of Pathology.

A native of Ireland, Dr. Morrison was educated at the Royal Belfast Academical Institution, and at Queen’s University, Belfast, from which he received his M.D. degree with honors.
RESOLUTION

During his administration, Cornelis W. de Kiewiet led the University of Rochester to new pinnacles of achievement and to still greater eminence among his country's leading universities.

The University under his leadership has accepted the exciting challenge of the Greater University Program and the responsibility of service to education on local, national, and international levels.

If this has been accompanied by a gratifying acknowledgment of the importance of the alumni to the University and by a commendable program of improved communication between the University and its alumni.

Because this Board wishes to acknowledge these results of the far-sighted, imaginative and resourceful leadership of Cornelis W. de Kiewiet, be it hereby resolved that:

The Board of Governors of the Alumni Federation of the University of Rochester is proud of the achievements of the University, confident of its ability to meet the challenge of the future, and affectionately grateful to Cornelis W. de Kiewiet for the inspiration of his leadership.

Mrs. Richard C. Young, President
Board of Governors
University of Rochester Alumni Federation
35 Peachtree Road
Poughkeepsie, New York

Dear Mrs. Young:

When one looks back as I can do now upon ten years of association with the University one looks at a varied landscape of peaks and valleys and one notes the road that leads across the landscape. I can say with entire candor that few things brought me as much satisfaction and pleasure as my companionship with the alumni of the University in traveling this road and together moving to the higher ground that we knew we now occupy. But in looking back there is a warm and sunny light on the peak of our alumni relationships. I can't think of any president who has been so much encouraged by the alumni and no president whose alumni concentrated so much on the important enterprises of the University.

I have to mention with special affection the real leader of our alumni effort, H. M. Potter, but I must also say that the effectiveness of the alumni themselves right up to the Trustee level, has made this leadership prosperous.

I take special comfort in the fact that wherever I shall continue to meet the University's alumni the meeting will be a grand one.

Please convey to your executive committee my special thanks for the splendid wording of their resolution.

Yours most sincerely,

C. W. de Kiewiet
RIVER CAMPUS—MEN

+ 1902
60th Class Reunion, June 8, 9, 10, 1962

+ 1907
55th Class Reunion, June 8, 9, 10, 1962

+ 1912
50th Class Reunion, June 8, 9, 10, 1962

+ 1914

HAROLD SWARTHOUT, social studies teacher at Benjamin Franklin High School, Rochester, for 31 years, was honored by the faculty of that school on the occasion of his retirement in June.

+ 1917
45th Class Reunion, June 8, 9, 10, 1962

JOHN W. REMINGTON was elected chairman of the board of the Lincoln Rochester Trust Company in June.

+ 1918

Dr. KENNETH I. BROWN, executive director of the Danforth Foundation, St. Louis, Mo., was guest speaker at the 79th Commencement at Livingstone College, Salisbury, N. C., on May 30.

FRED E. MCKELVEY, vice president of the Security Trust Company, Rochester, retired on June 1 after 19 years’ service.

EDWIN S. ROSECRUS retired on June 30 as professor emeritus of industrial engineering at Pennsylvania State University where he has been a member of the faculty for 14 years.

+ 1922
40th Class Reunion, June 8, 9, 10, 1962

+ 1927

35th Class Reunion, June 8, 9, 10, 1962

+ 1930

Dr. FREDERICK W. CONNER, assistant dean of the University of Florida’s Graduate School of Industrial Arts since 1930.

CLARENCE R. DIXON retired in June from Ithaca (N. Y.) High School where he has been director of vocational education and industrial arts since 1930.

RAABE JULIUS KRAVETZ, professor at the Jewish Institute of Religion-Hebrew Union College, New York City, and chaplain at Dartmouth College, was awarded the degree of doctor of Hebrew letters from the Jewish Institute in June.

+ 1932

30th Class Reunion, June 8, 9, 10, 1962

Dr. RICHARD FEINBERG, experimental research psychologist, is one of a team of clinical investigators for the Federal Aviation Agency testing airplane pilots to find ways of determining physical and mental fitness or disability regardless of calendar age.

G. CARROLL MADSEN has been elected president of the Rochester Society of Architects.

Dr. ROBERT F. METZDORF has been appointed assistant vice president of the Parke-Bernet Galleries in New York City.

+ 1935

Dr. HENRY E. QUICK, practicing optometrist in Owego, N. Y., was awarded the honorary degree Doctor of Ocular Science by the Illinois College of Optometry, Chicago, on June 2.

+ 1936

DONALD H. BURGAN was recently elected a vice president of the Lincoln Rochester Trust Company.

Dr. JOHN F. FLAGG has been appointed director of research for American Cyanamid Company’s central research division, Stamford, Conn.

+ 1937

25th Class Reunion, June 8, 9, 10, 1962

+ 1939

WALTER ERSKINE has been appointed southeastern district manager for Banland-Borg Corporation, a Chicago sound equipment manufacturing concern, with offices in Athens, Ga.

HAROLD B. WAKEFIELD has been promoted to data processing manager of the Albany (N. Y.) office of IBM.

+ 1940

LAMBERT M. KASPERO has been elected vice president in charge of operations for the Knox (Pa.) Glass, Inc.

EUGENE J. KNAPP has been appointed to the new position of product and applications engineer at Corning Fibre Box Corporation.

+ 1941

DAVID W. STEWART, managing director of the Rochester Hospital Service Corporation (Blue Cross), has been appointed a lecturer in public health and administration medicine at Columbia University, New York City. He will lecture periodically at Columbia and also take part in a new graduate training program in the university’s hospital administration program.

+ 1942

20th Class Reunion, June 8, 9, 10, 1962

DONALD R. HODGMAN, associate professor of economics at the University of Illinois, was awarded a Ford Foundation grant to attend a research seminar in simulation and management games from July 30 to September 1 at the Graduate School of Industrial Administration, Carnegie Institute of Technology, Pittsburgh.

+ 1944

RICHARD F. KROOK has been appointed production superintendent for color television at the Cornings (N. Y.) Glass Works.

+ 1945

JOHN M. BAIRD has been named superintendent of purchase contracts in the purchasing and stores department of United Air Lines, Chicago.

+ 1947

15th Class Reunion, June 8, 9, 10, 1962

GEORGE G. HARRISON and Josephine Wittmeyer were married in Armonk, N. Y., on June 17.

+ 1948

DR. KEVIN P. BUNNELL, formerly research and administrative associate of the New England Board of Higher Education, has been appointed associate director of regional programs of the Western Interstate Commission, Boulder, Colo.

HAROLD L. DILLMAN was appointed to a Master of Science degree from Pennsylvania State University in June.

+ 1950

HERBERT F. RAPP and Deedra Dietrich were married in Rochester on June 10.

JOHN L. REMINGTON, former director of public relations for the Stecher-Taunton Lithograph Corporation, Rochester, has been named director of industrial and commercial public relations operations for the Astro Agency, Inc., Rochester.

GEORGE R. SULLIVAN (G), who received a Ph.D. degree in public school administration from Columbia University in June, has been appointed district principal of the Oneonta Central Schools District, Bolivar, N. Y.

LT. ROBERT B. TAYLOR, USNR, has been appointed commanding officer of the U. S. Naval Research Reserve Company 5-4, Rochester.

+ 1951

GEORGE BITLER has been promoted to head of the engineering department at Kay-Fries Chemicals, Inc., West Haven, Conn.

WILLIAM CECKLER received a Ph.D. degree from Massachusetts Institute of Technology in June. He has been appointed supervisor of applied mathematics and operations research at Youngstown (Ohio) Sheet and Tube Company.

GEORGE L. DALES, Jr., received a Doctor of Medicine degree from Western Reserve University, Cleveland, Ohio, in June.

GEORGE A. GALLAGHER received a Master of Education degree from St. Lawrence University, Canton, N. Y., in June.

BRUCE R. WILLIAMS has joined The Vellumoid Company, Worcester, Mass., as assistant sales manager.

+ 1952

10th Class Reunion, June 8, 9, 10, 1962

DR. ALLEN BROMLEY (G) has been promoted to full professor of physics at Yale
Dr. Richard G. Cornell and Valma Edward were married in Tallahassee, Fla., on June 3.

A. W. LEADER (U) has been awarded a Ford Foundation predoctoral fellowship for the second year at Indiana University, Bloomington.

C. 1993

A third child and second daughter, Elizabeth, was born on April 19 in Cleveland, Ohio, to Mr. and Mrs. Edward W. Garfield, Jr.

+ 1958

Dr. Richard A. Alaimo, Jr., and Terry Michelle were married in Rochester, New York, on May 18.

MARRIAGES:
S. Richard Alaimo, Jr., and Terry Michelle were married in Rochester, New York, on May 18, Rochester.

+ 1960

Edward W. Creswick has been appointed a development metalurgical engineer with the Aluminum Company of Canada at Arvida, Quebec.

George M. Kornreich, who is studying auspices of the Latin America Mission.

Edward Fryzuk and Dianna L. Cransell were married in Spencerport, N. Y., on July 1.

Lt. (j.g.) Robert W. Rupe was transferred to the USS Bolster at Pearl Harbor, Hawaii, where he is the executive officer.

+ 1959

John D. Oliver received a Master of Science degree from Carnegie Institute of Technology, Pittsburgh, in June.

Dr. Keith E. Schmude (G) has been appointed assistant professor of chemistry at Parsone College, Fairfield, Iowa.

MARRIAGES:
S. Richard Alaimo, Jr., and Terry Michelle were married in Rochester, New York, on May 18.

Michael Dunn (EN) and Georgianna J. Bush on June 10, Rochester.

Paul R. Ruben and Barbara G. Seligman on June 18, Batavia, N. Y.

Stuart Silfen and Dale S. Poston on June 25, Hewlett, N. Y.

+ 1960

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RIVER CAMPUS—WOMEN

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+ 1932

Angelina Ponselli Ferrari was recently installed as the president of the Oak Ridge, Tenn., branch of the American Association of University Women.

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+ 1935

30th Class Reunion, June 8, 9, 10, 1962

+ 1937

25th Class Reunion, June 8, 9, 10, 1962

+ 1938

Margaret Wilbur Houtchen has been appointed eighth grade English teacher at the Newark (N. J.) Central School.

+ 1942

20th Class Reunion, June 8, 9, 10, 1962

+ 1944

A fourth son, Robert William, was born on May 3 in Rochester to William, 45, and Betty Lasher Ewald.

+ 1945

Marion Kirch Young has been appointed to the English department at Lincoln High School, Jamestown, N. Y.

+ 1946

Anne Meacham received the Obie Award (the phonetic abbreviation of Off Broadway) in May for the best actress of the season. She is currently playing in New York City in the Henrik Ibsen play, "Hedda Gabler."

+ 1947

15th Class Reunion, June 8, 9, 10, 1962

+ 1948

A third son, Scott Allan, was born on April 27 in Encino, Calif., to Richard D., 45, and Betty Marvin Hudson.

+ 1949

Insmabeeth Good Dittmer and her family recently moved to Denver, Colo., where her husband is with the Shell Oil Company.

+ 1949

Insmabeeth Good Dittmer and her family recently moved to Denver, Colo., where her husband is with the Shell Oil Company.

+ 1950

Dr. Geraldine Coon (G) has been awarded a $5,600 grant from the National Science Foundation to conduct basic research in the general area of differential equations.

+ 1952

10th Class Reunion, June 8, 9, 10, 1962

+ 1953

Sophia Boyatzis and David F. Blaydes were married in Rochester on June 4.

+ 1956

Mary Boat Miller received a Ph.D. degree from Brown University, Providence, R. I., in June.
**Eastman School of Music**

**5th Class Reunion, June 8, 9, 10, 1962**

Elizabeth Carruthers has joined the Carleton (Va.) Research Laboratory of West Virginia Pulp and Paper. Johann L. Poulot recently received a Fulbright grant to teach English at the National School at Kavalla, Greece.

**1956**

Susan Blevler has accepted a position to teach English at the American College for Girls, Istanbul, Turkey.

Margaret Matter has received the New York State Library Association $1,000 scholarship to attend library school at the University of Michigan.

MARRIAGES:

Judith C. Doremus and Thomas G. Levy on June 5, Rochester.

Virginia R. Tyler (Gu) and Lawrence W. Rockwell on June 17, Canandaigua, N.Y.

**1959**

Roberta Reed Brandt has been appointed to teach mathematics at the Canandaigua (N.Y.) Academy.

Mary A. Cotton, teacher of chemistry and biology at Lansing Central School, Ludlowville, N.Y., was awarded a fellowship by the National Science Foundation for summer study at Bowdoin College.

Kathryn W. Hartman received a Master of Science degree from Western Reserve University, Cleveland, in June.

MARRIAGES:

Sarah K. Curtice and James Dwight Greenfield, '57, on June 3, Rochester.


Marilyn L. Johnson and Dr. Stanford Z. Burday, '61M, on June 18, Hobokus, N.J.

BIRTHS:

A second child and daughter, Barbara Curtin, on May 4, to Richard, 56 and Susan Gay Fox, Harrisburg, Pa.

A son, David Alan, on April 2, to Jeffrey, '57 and Ruth Oppenheim Ohlal, Batavia, N. Y.

**1960**

MARRIAGES:

Jean C. Kilmer (ED) and William A. Triggs, '61U, on May 27, Peekskill, N.Y.

Susan E. McDowell and Terry R. Diebold, '58, on June 24, Brunswick, N.Y.

Susan E. Mason and Richard B. Balley, '60, on June 17, South Ashburnham, Mass.

Sandra E. Nelson and F. Walton Wanzer, Jr., on June 10, River Edge, N. J.

Elizabeth M. Thiesler (ED) and John B. Wither, '60, on July 1, Westwood, N. J.

**1961**

MARRIAGES:

Sara Bahrer and Bruce B. Vechte on June 24, Gloversville, N.Y.

Carol L. Boone and Robert G. Olimstead, '61, on June 11, Rochester.

Jean R. Craig and Richard W. Youngman on June 17, New Rochelle, N. Y.

Susan Edelman and Elliott Levy on June 18, West Islip, N.Y.

Elaine Hemenway and William P. Spencer on June 24, West Grove, Pa.

Louis and Bernadette B. Bugby, '60, on June 16, Rochester.

Carol A. Lewis and Douglas C. Yeagle, '60BA, on June 17, Rochester.

Estella A. Loomis and Charles F. Lauter, Jr., 60, on June 24, Watertown, N. Y.

**1962**

40th Class Reunion, June 8, 9, 10, 1962

Adelaide Fish Cummings (Adelaide Hawley), also known as "Betty Crocker" for the past 10 years, was the speaker at the alumni banquet of Cincinatus (N. Y.) Central School on June 24.

**1927**

35th Class Reunion, June 8, 9, 10, 1962

Victoria Crandall was producer of "Annie Get Your Gun," which opened the summer season of musicals at the Brunswick (Me.) Summer Playhouse in June.

**1931**

Bill George March and Song," a composition by Martha Alter, was performed by the Hudson Valley (N.Y.) Philharmonic Orchestra at Vassar College, Poughkeepsie, June 9. Miss Alter is professor of music at Connecticut College, New London, where she teaches composition, theory and history of music.

Frances Dunlap Alterman has been promoted to assistant professor of music at Susquehanna University, Selinsgrove, Pa., where she is a member of the voice faculty.

Gerst Kleik, organist and choirmaster at St. Mary of the Angels Church, New York, is writing a new column, "Beat and Offset," for a New York newspaper.

Betty Sharrock MacCall is playing cello with the Santa Clara and San Jose (Calif.) Symphony Orchestras.

**1933**

Loretta Newman, head of the reading improvement program and study clinic at Los Angeles Harbor College, was instructor in psychology during the summer session.

Dr. Ruth Richardson is in charge of the multiple choir system and serves as organist-director of the Assembly Methodist Church, Binghamton, N. Y.

**1934**

Kenneth Wade, teacher-in-charge at East High School, Rochester, has been appointed principal of School 26, effective September 1.

**1937**

25th Class Reunion, June 8, 9, 10, 1962

At the recent Biennial Convention in Kansas City of the National Federation of Music Clubs, Dr. Merle Montgomery (GE) was elected to its Board of Directors. Dr. Montgomery has also been elected to membership in ASCAP.

**1938**

Juliet Dowey Alexopoulos (GE) played a piano recital at the University Club of the University of Iowa, Iowa City, on May 18.

Eleanor Leek Smith, associate professor of cello and theory at Stetson University, De Land, Fla., was soloist with the Stetson University Symphony Orchestra in April.

**1939**

Dorothy Dennis (GE), organist and choirmaster of St. Paul's Episcopal Cathedral of Oklahoma City, presented the first recital on the newly-installed electronic organ at St. Luke's Episcopal Church in June.

Dr. Charles Kent (GE), a member of the music faculty at Indiana University, Bloomington, has been appointed dean of the Peabody Conservatory of Music, Baltimore.

Donald Pearson, associate professor of music and, since 1958, chairman of the department of music at Vassar College, Poughkeepsie, sailed July 4 to spend a year in Europe. Mr. Pearson, who is college organist and director of the College Choir, was awarded a Faculty Fellowship for a research project concerned with the extant 17th and 18th century organs on the continent.

Robert Schlosser has been appointed assistant professor of music at Alfred (N.Y.) University.

"He Who Gets Slapped," an opera by Robert Ward, was presented by Karamu Theater in Cleveland in May. Originally titled "Pantaloons," the opera was written on a commission by Mr. Ward during his two years as a Guggenheim fellow.

**1940**

Dr. Wallis Braman (GE), chairman of the division of fine arts and professor of music at West Liberty State College, W. Va., was honored by the college with a testimonial dinner May 23 in acknowledgement of his 15 years of service at the school. Dr. Braman left the college in June to devote full time to free-lance writing and study.

Cecilia Richard Nelson (GE), elementary music consultant in Eugene, Ore., was guest speaker at a workshop demonstrating the use of TV and radio in teaching classroom music at Iowa State Teachers College, Cedar Falls, in July.

**1941**

Dr. George Michael, chairman of the music department at Wesleyan College, Macon, Ga., has been appointed chairman of the fine arts department at Transylvania College, Lexington, Ky., effective September 1.

William Schon is violist with the Clarence Quartet.

**1942**

20th Class Reunion, June 8, 9, 10, 1963


Ronald Leich (GE), associate professor of music at Carnegie Institute of Technology's College of Fine Arts, was guest conductor of the Pennsylvania Music Educators Association western district junior high chorus festival held in Homestead, Pa., in April.

A citation and a bronze plaque were presented to Dr. Donald Morrison (GE) at the general honors convocation of Monmouth College, Sioux City, Iowa, on May 1, honoring him as the "Outstanding Faculty Member" of the college for 1961.

Bernard Pressler, music instructor in the New Castle-Henry (Ind.) Township School system, has been appointed instrumental instructor at Franklin Junior High.
Dr. Oswald Racatz (GE), professor of organ at Indiana University, Bloomington, presented an organ recital at Wittenberg University, Springfield, Ohio, on April 25.

Robert Swan is tympanist with the Radio City Music Hall orchestra, manager of the orchestra and a free-lance recording artist. He is a member of The First Percussion Sextet, which has made its first recording for Victor, and has appeared on the "Ed Sullivan Show" and "I've Got a Secret."

Murray Pantiz has been appointed principal flutist of the Philadelphia Orchestra beginning this season.

J. Robert King (GE), associate professor and director of instrumental music at the University of Delaware, Newark, was music director for the production of "Song of Norway" at Longwood Gardens Open Air Theatre, Wilmington, Del., this summer.

Dr. Gordon EpPerson (GE) has been promoted to associate professor of music at Ball State College, Muncie, Ind., of which he has been instructor in trombone for the past 14 summers and part-time faculty member during the winter terms.

Dr. Oswald Racatz (GE), professor of organ at Indiana University, Bloomington, presented an organ recital at Wittenberg University, Springfield, Ohio, on April 25.

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ceived a Fulbright grant to study voice in Frankfurt.

Paul Freeman was guest conductor of two orchestras in Europe this summer. His first concert was in Aalborg, Denmark, in August, and on September 3, he conducted the Oslo Philharmonic in a concert broadcast throughout Norway.

Patricia Berlin Giesbrecht sang the role of Carmen in the Opera Under the Stars production of the opera July 26 and 29 in Rochester, N. Y.

A daughter, Karen Elizabeth, was born on June 8 to John and Gertrude Moenker Hoyt.

Charles and Ruth Howell Jones (GE), two missionary candidates, have been appointed to do radio production work at Aruba, Netherlands Antilles.

The Rev. C. Wayne Leazer (GE) has been named assistant pastor and director of music at Holy Trinity Lutheran Church, Hickory, N. C.

Donn Mills (GE), musical director and conductor of the Charleston (S. C.) Symphony Orchestra, conducts a nightly radio program of good music and is also director of the Symphony-sponsored Youth Orchestra and Academy of Music.

Dr. Harold Mueller (GE), chairman of the division of fine arts at Austin College, Sherman, Tex., has, along with the members of his faculty, these Eastmanites: Dr. William Armstrong, '50GE, piano and music literature; Mary Gicher Landrum, '50GE, organ and college organist; Daniel Boda, '54GE, violin, theory, and instrumental activities director.

Jean Sloop (GE), a member of the music faculty of Kansas State University, Manhattan, received a private grant which enabled her to study in the Opera Workshop in Salzburg, Austria, this summer. In addition, Miss Sloop also studied voice with Madame Ormay-Butschek of Budapest.

1957

5th Class Reunion, June 8, 9, 10, 1962

Thomas Briccetti is one of nine American composers selected by the Ford Foundation for its "Composers in Secondary Schools" project. Mr. Briccetti will be affiliated with and will write music for the Denver, Colo., school system.

Virginia Kellogg will join the first violin section of the St. Louis (Mo.) Symphony Orchestra this fall.

Lanalee Litz and Ronald de Kant were married on June 10 in Syracuse, N. Y. Mrs. de Kant is solo harpist with the New Orleans Symphony Orchestra.

Lenore Sherman and Frank Hatfield were married on May 21 in Garden City, Kansas.

"Allegro for Orchestra," by Walter Winzenburger, was performed by the Pioneer Valley Symphony Orchestra in Greenfield, Mass., in April. Mr. Winzenburger teaches music at Williston Academy, Easthampton, Mass.

1958

Helen Bowberg has been given a contract as leading soprano at the Opera House in Ulm, Germany.

Stanley Friedberg (GE), pianist, accompanied the Harlem Opera Society of New York on May 12 in a complete performance of Mozart's "Magic Flute." Mr. Friedberg moved to New York City in 1959, where he has since acquired a clientele of private piano students.

David Mulberry has been appointed organist and choirmaster at St. Michael's Episcopal Church in New York City. On June 19, he played the opening recital for the American Guild of Organists Regional Convention in Toledo, Ohio.

"Five sketches" for bassoon solo, by William Prounty (GE), is one of 40 compositions selected for performance at The American University Contemporary Music Symposium held in Washington, D. C., May 24-27.

Kathryn Peabody and Donald Schmaed were married on June 17 in Lebanon, Ind.

Harry Valante received a Master of Music degree in music education from Manhattan School of Music, New York, in May. Dr. Harry Wilkinson (GE) played the dedicatory organ recital at St. Luke's Episcopal Church, Lebanon, Pa., in April.

1959

Ronald Carter received a Master of Music degree in double bass from Manhattan School of Music, New York, on June 8.

Robert Cowden has been awarded a Fulbright grant to study voice in Frankfurt.

Susan Eastwood and Tom Wissmann were married in June and are living in Zurich, Switzerland.

Charles Hardwick has been appointed a member of the violin section of the Pittsburgh Symphony Orchestra. Jean LaRouch and Robert Zakowski were married on June 17 in New Philadelphia, Ohio.

Louis Pisilini (GE) has been appointed conductor of the Hillel Orchestra of Rochester.

Maxine Asselin, a student at Manhattan School of Music in New York City, was soprano soloist in a performance of Schumann's "Faust" with the Manhattan Orchestra and Chorus in March.

Dr. F. A. Benincissotto (GE), director of bands at the University of Minnesota, Minneapolis, was a guest conductor at the eighth annual clinic and concert of the Alexandria (Minn.) schools in April.

George Cavanagh has been appointed instructor of music at East Tennessee State Teachers College, Johnson City.

Jeanne Carson has been awarded a Fulbright grant to study voice in Munich, Germany.

Donna Magendanz has been awarded a Fulbright grant to study cello at St. Cecelia Academy in Rome, Italy, and with Pablo Casals for three weeks in Zermatt, Switzerland.

Rosemary Crawford Spellman, soprano, was the guest soloist at the first summer concert given in the West Point Trophy Amphitheatre, Peekskill, N. Y., in July.

Joiel Thome is a member of the percussion section of the Tel-Aviv Symphony Orchestra.

Gloria Wilson (GE) and Donald Swisher were married on June 30 in Seattle, Wash.

1961

Robert Barlow, harpist, is a member of the U. S. Air Force Symphony Orchestra.

David Bosk, Joan Harper, and Robert Gillespie are playing in the Houston Symphony Orchestra.

Shirley Cole and John Thysen, '59E, were married on June 12 in Rochester.

Larry Combs has been appointed to play bass clarinet with the New Orleans Symphony Orchestra.

Maredele Johnson is a member of the New Orleans Symphony Orchestra.

Joanne Lyman and Ronald Barnett, '60E, were married on July 1 in Bethlehem, Pa. Mrs. Barnett is teaching vocal music at Oconee Junior High School, Washington, D. C., and Mr. Barnett is a member of the U. S. Navy Band.

Roger Ruggieri, Jr., is a member of the Dallas Symphony Orchestra.

Norman Schweikert was married to Sally Guiidz, '64E, on July 22 in Joliet, Ill.

Susan Trainer is playing second flute and piccolo with the Florida Symphony Orchestra, Orlando.

James Willey is a member of the U. S. Coast Guard.

School of Medicine & Dentistry

+ 1936

Dr. Lynn R. Callin, orthopedic surgeon, has been named president-elect of the Monroe County (Rochester) Medical Society.

+ 1948

Dr. D. Louise Oosn (GM) has been appointed assistant professor of anatomy at the Bowman Gray School of Medicine, Winston-Salem, N. C.

+ 1951

Dr. Jean M. Marshall (GM) assistant professor of pharmacology at Harvard Medical School, has received a $19,100 Lederer Medical Faculty Award to further her research and teaching career.

+ 1952

Dr. Raymond Gambino, formerly assistant professor of pathology at Columbia-Presbyterian Medical Center, New York City, has been appointed chief of pathology and director of the Englewood (N. J.) Hospital Laboratories.

+ 1953

Dr. Hugh P. Robinson received a Master of Science degree in urology from the University of Minnesota in June.

+ 1954

Dr. Donald B. Hunton received a Master of Science degree in medicine from the University of Minnesota in July.

+ 1955

Dr. Alden S. Gooch has begun a three-year post-graduate training in internal medicine at George Washington University Hos-
pital, Washington, D. C.

+ 1957
Dr. H. Royen Collins has been appointed a resident in orthopedic surgery in the Mayo Foundation at Rochester, Minn.

+ 1958
Dr. Leon M. Oxman, USAF Medical Corps, and Nadia Nahum were married on May 14 in Tripoli, Libya.

+ 1959
DR. HANNAH H. TODD and Dr. Frank J. Sellers were married on April 27 in Toronto, Canada.

+ 1961
Dr. John L. Nicholson is interning at the Herbert C. Moffitt-University of California Hospitals, San Francisco.

Nursing Division

+ 1929
Anna Rettie Pollock, formerly health nursing education consultant for the County Department of Public Health, San Diego, Calif., has been appointed assistant director of the department of public health nursing, National League for Nursing, New York City.

+ 1932
30th Class Reunion, June 8, 9, 10, 1962

+ 1937
25th Class Reunion, June 8, 9, 10, 1962

+ 1942
20th Class Reunion, June 8, 9, 10, 1962

+ 1947
15th Class Reunion, June 8, 9, 10, 1962

+ 1948
Wilhelmina McDonald Wilder was recently appointed to the staff of the Syracuse (N. Y.) Public Health Nursing Service office.

+ 1949
A son, Vallance, was born on July 10 in Dearborn, Mich., to Dr. Terry and Margaret Campbell Cole.

+ 1950
Margaret Garrison and James W. Brooker, Jr., were married on May 21 in Rochester.

+ 1952
16th Class Reunion, June 8, 9, 10, 1962

+ 1953
A daughter, Clarice, was born on March 25 in Prairie Village, Kan., to Perry, '54, and Rowena Hallauer Nadge.

+ 1955
A son, Robert Samuel, was born on February 24 in Rochester to Edward, '54, and Diantha Chesnutt Granger.

+ 1956
Margaret C. McDonald was awarded the $100 Monroe Surgical Supply Company Award for Nurses in May in the annual prize awards contest of the Rochester Academy of Medicine. The title of her research paper was "Guidance and Counseling in a School of Nursing."

MARRIAGES:
Nancy C. Butler and Joseph P. Schultz on July 1, Philadelphia.
Evelyn L. Morrison and Wesley P. Chyzel on June 10, Rochester.
Mary L. Ferri and Richard P. Dietzen on June 10, Elba, N. Y.

BIRTHS:
A son, Mark Jeffrey, on May 2 in Saguaw, Mich., to Hazen and Carol Grover Goddard.
A son, David Richard, on January 29 in Buffalo, N. Y., to Richard and Ruth Wiggins Reading.

+ 1957
5th Class Reunion, June 8, 9, 10, 1962

BIRTHS:
A son, John Edwin, on April 29 in Rochester, to Donald, '52, and Joan Zabadal Horrell.
A daughter, Susan Jane, on June 27 to Robert, '56, and Nancy Hamlin Quiana.

+ 1958
Maureen C. Shinnock and Robert P. Gibbons, '61M, were married in Rochester on June 10.
A daughter, Judy Anne, was born on May 3 in Park Ridge, Ill., to Joseph G. and Elaine Lamberison Hopkins.

A student's academic record in high school is a prime predictor of scholastic success in college, according to a "Progress Report on the Class of '61," prepared by the Office of the Dean of Students.

The report shows that 86.5% of the grades received by the 655 River Campus freshmen last year were satisfactory (C or better). Four out of five of the students had been in the top fifth of their high school graduating class.

The "Progress Report," which is sent to students' former high schools and includes the individual's complete record for his first year at the University, is meant to aid school personnel in counselling current pupils.

Dr. Joseph W. Cole, Dean of Students, said the performance of last year's freshmen had been gratifying. Nearly one out of four made the Dean's List. Only 3.7% of the class was dropped, compared with 4.5% the previous year.

The decline in academic failures during the freshman year reflects steadily-improving guidance programs in the nation's high schools, Cole believes.

A barometer of student interests is revealed by the report. The results of a questionnaire on participation in extracurricular activities last year showed that religious activities attracted 38.7%, intramural sports 38.5% and dormitory government 28.4%.

IN MEMORIAM

Dr. Harry Neivert, '11, prominent ear, nose and throat specialist and plastic surgeon, died in New York City on June 1.


George Palmer, '13, former Rochester lawyer and member of Theta Chi Fraternity, died in Pensacola, Fla., on June 25.

Laura McGregor, '25, retired teacher and administrator in the Rochester public school system, died in Stockton, Calif., on July 8.

Ethel Patterson Duree, '27, died in Rochester on March 16.

Hugo Teute, Jr., '29, prominent Rochester florist, died in Rochester on June 19 after a long illness.

Anthony Divino, '34, died suddenly in Rochester on June 18.


Elwood S. Roeder, '37E, died in Macon, Ga., on June 14, after a long illness.

Gerald Vogt, '38E, died suddenly in Rochester on June 17.

Carlton O. Webster, '42, died in Rochester on May 9.

Charles E. Lorson, '50, died in Fairport, N. Y., on March 12.

+ 1959
MARRIAGES:
Janet L. Cushman and Donald R. Dean on June 9, Jamestown, N. Y.
Carol Wadsworth and Terry Lee Russ on June 3, Auburn, N. Y.

+ 1960
Judith Entert and Ronald B. Knight, '61BA, were married on June 17 in Elmira, N. Y.

+ 1961
Elizabeth A. Hills and Victor W. Gilbert, Jr., '60, were married on June 17 in Williamsville, N. Y.

A daughter, Lynne Marie, was born on July 11 to Ralph and Fay Wadsworth Whitney.
...a turning page makes hardly a rustle...combining chemicals in a test tube is (usually) a silent procedure...yet a university campus is hardly a halcyon refuge. These are some of the sounds...some trivial, some memorable, some significant—some loud, some faint...as the University of Rochester makes itself heard in the community of great universities.

Cacophony, but with a purpose. That is how a symphony orchestra tuning up has been described. This is a frequent sound at the Eastman School as the Philharmonia prepares for their three-month long, State Department-sponsored tour of Europe which starts November 28. With Dr. Howard Hanson and Dr. Frederick Fennell taking turns on the podium, the Philharmonia will present some 50 concerts in 12 countries including the USSR.

The logistics of moving the entourage of 87 musicians and a staff of ten (including doctor, nurse, and chaperone) have been overwhelming. Just the instruments, music scores, and related impedimenta will fill some 80 trunks with a total weight of almost nine tons.

Tootle of wind instruments is another purposeful sound heard echoing from the various chambers of the Eastman School these days as the Eastman Wind Ensemble prepares for their Carnegie Hall debut on Friday evening, November 17. Dr. Frederick Fennell has chosen a program that will display the range of music written for the wind ensemble and, at the same time, display the virtuosity of this student group. The program will include music by Ralph Vaughan Williams, Percy Grainger, Arthur Sullivan, Igor Stravinsky, Arnold Schoenberg, and Vincent Persichetti.

Jinkle of cocktail glasses will precede the Carnegie Hall concert when alumni in the New York City area along with a contingent from campus join for a Cocktail-Buffet at the Plaza Hotel.

Applause loud and long and frequent rewarded the student produced, directed and acted presentation of the musical comedy "Guys and Dolls" on October 20 and 21. In less than five weeks the students put on a show that would shame many a summer stock company...and they did this without losing sight of the fact that they were students with assignments to be done. When not needed on stage, the cast settled back in their seats in Strong Auditorium to read Shakespeare or work on a calculus problem, leaving the books when their cue on stage came up.

Wedding bells echoed in the Administration Building with the marriage of Miss Marjorie A. Trosch, '43, ebullient alumnae secretary and writer of class notes par excellence, to Lt. Cmdr. James F. Agnew in Williamsburg, Va. Cmdr. Agnew is Protestant Chaplain aboard the USS Antietam. They are making their home at 217 N.W. Syrdle Drive, Navy Point, Warrington, Fla. Marge's successor in the Alumni Office will be named soon; in the meantime, class notes will be handled by Jerry Gardner and Bob Blank, since the co-editor of this well-read department is absent from the premises. Ruby Canning is in England, where husband Tom is exchange professor at the University of Hull.

Conversation overheard while walking across campus—Two coeds talking: "...you'll have to give up wearing lipstick and join SANE." Obviously there is conformity amongst the individualists. This modern dilemma is the topic for discussion at the annual Convocation Weekend. The next issue of the Review will carry condensations of the speeches given by William H. Whyte, Jr., Dr. Robert Marshak, Harriet Van Horne, and Dr. John Romano.

Hi Fi Fo Fum—all for a small sum. Christmas gift reminder from the Men's Glee Club: their album of Christmas music in its colorful jacket is still available, as is Volume III of songs familiar and not quite so. The price is $4.50 each, including postage and handling; send checks payable to the University of Rochester to: Men's Glee Club, c/o Todd Union, River Campus Station, Rochester 20, N. Y.

Abble—Dialects and speech patterns that make communication between various sections of America sometimes almost impossible also make for a humorous and enlightening speech by Dr. D. Lincoln Canfield before regional alumni clubs. This fall the following clubs have listed Dr. Canfield: Finger Lakes (meeting in Geneva), Ithaca, Batavia, Washington, and Boston. The Wilmington, Del. club has heard Dr. Seymour Schwartz speak on "The Iceman, the Plumber, and the Cardiac Surgeon." Alumni gathering in Syracuse scheduled Dr. Robert Hinman and his talk on how words change meaning, "One Word Leads to Another." —L.D.A.
SUMMARY

1960-61
ALUMNI
CAMPAIGN

River Campus Division
Men's Division
Special Gifts $61,367.43
General Campaign 35,569.75 $96,937.18

Women's Division
Special Gifts $11,086.16
General Campaign 19,740.25 30,826.41

University School Division 2,527.00
Graduate School Division 2,629.50
Eastman School Division 12,856.95
Graduate Eastman 939.50
Nursing Division 4,211.50

$150,928.04

School of Medicine and Dentistry (Alumni) $132,344.90
(3 year Capital Drive)

Alumni Bequests and Gifts to Special Purpose Funds 165,385.39
Corporate Matching Gifts 2,452.00
Alumni Gifts to School of Medicine and Dentistry thru American Medical Education Foundation 2,996.50
Parents 9,215.00

$463,321.83

General Chairman
Mrs. Donald McConville '35

Special Gifts Division—Men's Chairman
Elmer B. Milliman '19

Special Gifts Division—Women's Chairman
Miss Gladys Welch '21

Men's Division—Chairman
Richard Kramer '43

Women's Division—Chairman
Mrs. Knight Thornton '33

Eastman Division—Chairman
Charles R. Valenza '50E

Nursing Division—Chairman
Mrs. James Warren '39N

University School Division—Co-Chairmen
Kent O. Parmington '54U
Donald C. Nickason '53U
REGIONAL CLUBS
The following Regional Alumni Clubs conducted personal solicitation campaigns this year.

*SCHENECTADY
Robert R. Curry, Jr.

*DETROIT
Mr. and Mrs. George C. Dick, Jr.

PHILADELPHIA
John A. Gersbach

WAYNE
Roy A. Wemett

SYRACUSE
William H. Bosworth, Jr.

BINGHAMTON
Frederick Ostendorf

*NIAGARA FALLS
Jerrold Koeplin

DENVER
David J. Whalen

*WILMINGTON
Griffith Bowen

WASHINGTON
C. William Tayler

PITTSBURGH
Robert C. Fair

ITHACA
J. William Gavett

SOUTHERN TIER
Mary Jo McKenna

CINCINNATI
Mrs. Barton H. Snow

WESTCHESTER-FAIRFIELD
Robert C. Angell
Thomas E. Stetz
Edwin B. Ward

NORTHERN NEW JERSEY
Albert and Phyllis Weber

BUFFALO
Bruce R. Williams

CLEVELAND
Mr. and Mrs. John E. Shantz

*BATAVIA
William D. Hulbert

CHICAGO
William G. Moir

*BOSTON
Dr. William J. Scouler

SAN FRANCISCO
Clark A. Barrett

*Achieved over 50% participation

MEMORIAL GIFTS

CONTRIBUTOR IN MEMORY OF

Mr. Owen Jameson  Henry M. Strong, 1854
Mrs. Mary Sheldon MacArthur  Ruth Galloway Marsh '08
Mr. Theodore Sheldon  Frances S. Riggs ’10
Mrs. Ollie B. Watkeys  Wheeler D. Allen ’12
Classmates and Friends  Dr. David Mendelson ’17
James F. Riggs  Helen Goosen ’19
Mrs. Nellie G. Knapp  Marjorie Easton Jennings ’24
Herman A. Sarachan  Hazel Wilbraham ’27
Mrs. Fred Ratcliffe  Hugo F. Teute, Jr. ’29
W. Charles Jennings  Helen Marks Marth ’30
Claire Ryan Leonard  Dr. David Grice ’35
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Oscar Marth
River campus classmates and friends
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