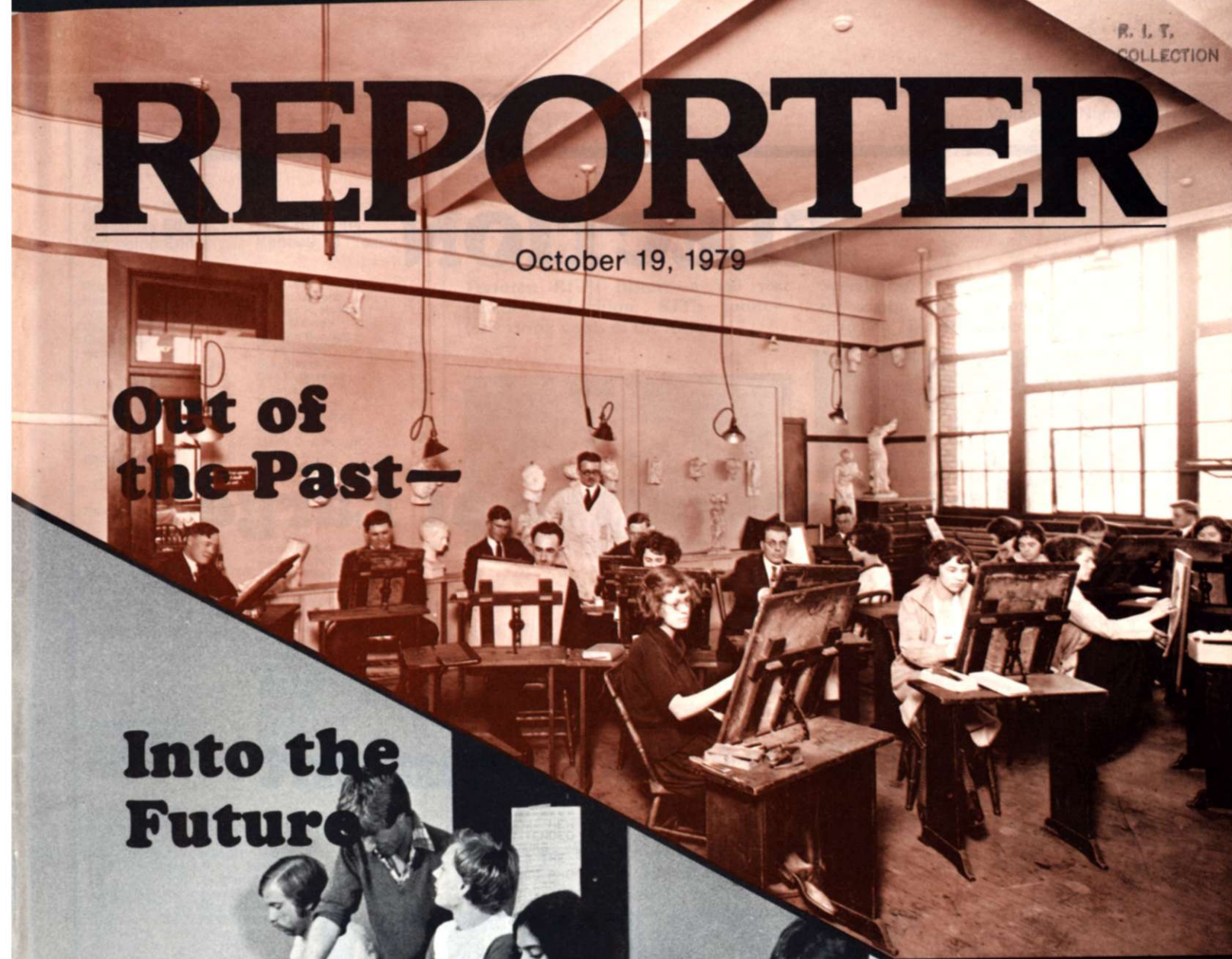


REPORTER

October 19, 1979

**Out of
the Past—**

**Into the
Future**



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REPROFILE

If you should look around the campus this weekend and notice brightly colored banners bellowing in the wind, where before there were none, don't be concerned, they won't be there long.

If you should suddenly realize a noticeable lack of broken beer bottles, toilet paper and other assorted litter and garbage, the reason is not simply because there hasn't been a Yankee victory celebration this year.

If windows look brighter, sidewalks cleaner, smiles bigger, administration more visible, Institute coffers hungrier, and visitors older and more plentiful, it's just RIT's 150th Anniversary Weekend and the affectations won't last long. In a week things will return to normal, so relax.

In this issue, Dr. Rose discusses the decreasing enrollment pool and the need

to increase the voluntary support dollar. He mentions that RIT will have to "re-direct efforts to on-going support." RIT is presently completing a \$42 million 150th Anniversary campaign and much of its fundraising efforts have been directed at campaigns.

The 150th Anniversary Weekend with its ceremony and glitter is sure to garner gifts and grants for the endowment fund. But in the long run the brunt of the endowment support will come from recent graduates and tomorrow's Alumni.

If RIT expects alumni to be generous in their giving the time to instill these magnanimous feelings are when they are students, not alumni. If a student has a negative experience at RIT there is little that can be done to change these feelings following graduation.

• • •
 Mr. Dane Gordon's story on the roots of RIT details a few critical points in RIT's history. Generally, RIT survived these times for the best. RIT's strong point has always been its ability to adapt to the times and the needs of society.

Dr. Rose readily admits RIT's plans to re-evaluate present programming based upon the experiences of graduates. The results of this study and the implementation of new programs will usher in another chapter of RIT innovation. It's the same type of innovation that has kept RIT afloat for 150 years. Happy Anniversary.

Michael Schwarz

Out of The Past

Mr. Dane Gordon, author of this story, is a professor of Philosophy and assistant dean in the College of General Studies. He has been at RIT for 15 years. Mr. Gordon has recently completed a book on the history of RIT and is now looking for a publisher. Photographs are courtesy of the RIT Archives.

The men who gathered in the newly built Reynolds Arcade on June 12, 1829 could scarcely have imagined that a hundred and fifty years later what they started at that meeting would become a school, with thousands of students, called R.I.T. The Athenaeum, the name they gave to their

association, was intended to be a library and a meeting place where they could discuss matters of science and art and listen to lectures, undisturbed by the political rivalries which, at that time, had divided the new town.

Four year colleges and community colleges are a normal part of life now, and almost any potential student who really wants to can get into one; not so then. Education beyond grade school was elite and classical, and little attention was given to instruction in technology. In 1828, the year before the Athenaeum was founded, the faculty of Yale issued a report strongly affirming the importance of classics and theology as the basis of education. Those who preferred practical subjects had little choice in this country, or they went to Europe. The Gardiner Lyceum in Maine, the first technical school in the U.S., opened in 1823 but lasted only ten years. What is now Rensselaer Polytechnic Institute opened in 1824 with the purpose of "applying science

to the common purposes of life" a revolutionary idea then. Otherwise it was mainly self help. If a group of people, generally men, had enough interest and drive they founded their own Apprentice's Library, such as in Brooklyn in 1823, or a Manual Labor School, as in Rochester in 1828, or an Institute of Practical Education, again in Rochester in 1831. Most of these had short lives, with the notable exception of the Athenaeum.

Rochester was twelve years old in 1829. Fifteen years before it was swamps and forest. Colonel Rochester, the first President of the Athenaeum, had bought a one-third share in a hundred acres near the Genesee river falls in 1803 and had given his name to the town. So the history of R.I.T. is linked with the absolute beginning of the history of Rochester. More than any other institution in the area it has not only been a part, but has wanted to be a part of its community

The Mechanics Institute

The Athenaeum has a splendid history, but by late 1870s it had run its course. There were too many alternatives. It was no longer appealing as a club. It was not up to date enough to be a useful library; it was not

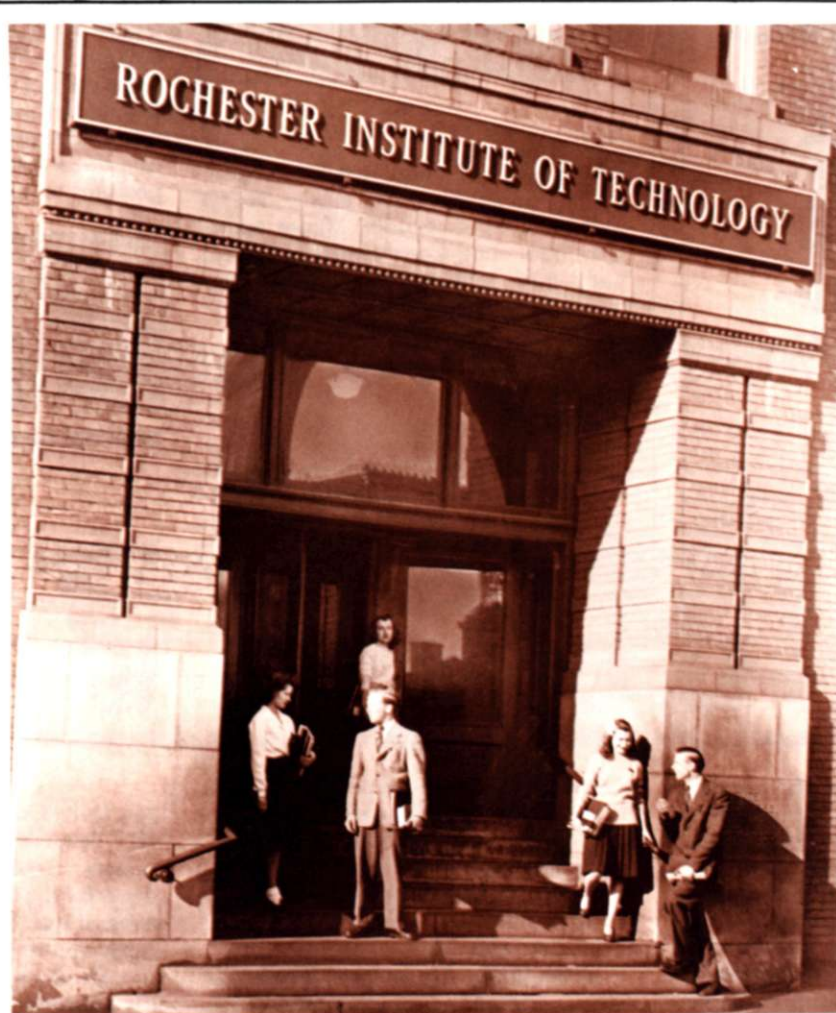
Meanwhile Rochester had grown. In 1885 the population of the city was well over 100,000. Between 1870 and 1890 the population more than doubled, from 62,000 to 134,000, and this reflected population growth throughout the country. Business was expanding, employment was high, but skilled workers were hard to find. That was of special significance for what is now R.I.T. John Bausch of the optical company confided to his partner Henry Lomb that he was very discouraged. Lomb, however, had been talking with a business colleague, Max Lowenthal, a manufacturer of knitted goods. Lowenthal had just returned from Europe and was impressed with the technical schools he saw there. The outcome of

these conversations was a public meeting in the city's Common Council Chamber on October 1st, 1885, which resulted in the creation of Rochester Mechanics Institute, to consist of free evening classes "for instruction in drawing and such other branches of studies as are most important for industrial pursuits of great advantage to our people."

Response was immediate and enthusiastic. Four hundred students enrolled. The first class was held on Monday evening, November 25th 1885, in the upstairs room of the Free Academy, still standing next to St. Luke's church on Fitzhugh Street. Other classes had to be arranged on weekends and during the day. The one teacher, Eugene Colby, hired from Lawrence, Massachusetts, was obliged to set up the tables and chairs before classes and take them down after. But everyone was involved, quickly hired extra teachers, student helpers, the trustees and their wives. During the first year 1,065 stu-

dents attended the four classes and the local Carpenters and Jobbers Union sent a message of thanks to the Institute for "the benefit done to the working man during the year."

A little-appreciated fact about the Institute is how it survived the shifts in educational fashion which affected high school and post-high education in the last decades of the 19th century. For example, the manual training movement which



The Eastman Building, completed in 1901.

organized or equipped to be a school. The Minutes of 1877 make sad reading. Yet it was not completely dissolved. Mortimer Reynolds, brother of William, the Athenaeum's staunch supporter through much of his life, bought the books to found what became the Reynolds Library, in memory of his father Abelard, Rochester's first Postmaster and the builder of the Reynolds Arcade. The Athenaeum also retained its charter.

became nationally popular in the 1880s was especially influential in Massachusetts. The aim of the movement was to combine practical training with other studies. The Institute's first teacher came out of this. But by 1900 manual training had lost support in Massachusetts and elsewhere. Businessmen wanted a more directly vocational type of instruction that would help their business. It was not until 1906 that Massachusetts developed that. But Colby and the Institute trustees quickly developed vocational education specifically related to the needs of the Rochester business community. In this respect it was similar to numerous technical or scientific schools which appeared at the end of the century. Yet these, it was felt, were too vocational. They were strongly criticized by such educators as President Charles William Eliot of Harvard University for being narrow. What we need, he argued, is a 'New Education' which would combine both technical studies and liberal. This was taken very seriously by the Institute which tried in many ways to avoid that narrowness.

The major problem of the Institute was money. In the first year it lived a hand to mouth existence depending on the generosity of people such as Henry Lomb and other trustees, and Rochester businesses. The Institute appealed to the "enlightened selfishness of employers." It was the need for money which first raised the possibility of a merger with the by then defunct Athenaeum. Despite its moribund condition it had a balance of about \$3000, as well as a charter. Later, when the Institute trustees got to know the surviving members of the Athenaeum Board they developed a respect for its long history and the part it had played in the development of the city. But money was the primary incentive. In 1891 the two institutions merged and became known as the Rochester Athenaeum and Mechanics Institute.

The Eastman Building

During the following ten years the Institute was immensely successful. Apart from its major programs in technology, art education and, from 1893, in domestic science, it taught almost anything that people would pay to attend: dress making, weight reducing, steam engineering, caring for the sick. This created problems of space. A modest building was constructed in 1894

close to the Erie Canal and some property was bought on the plot of land nearby. Grandiose plans for buildings along the canal were abandoned because of the depression of 1893. But in 1900 George Eastman, a member of the RAMI Board, gave to the Institute a plot of land between the canal and Spring Street along Plymouth Avenue and the money to construct a building, in all amounting to more than \$200,000, many times that in today's values.

The opening of the Eastman Building in 1901 was one of the big events of the Rochester year. Because several thousand dollars were still needed to pay for equipment, the women of the Institute organized a week-long celebration with art exhibits, bands, fashion shows, restaurants, plays, "fifty committees of a thousand women" so the advertising proclaimed.

The role of women was prominent and important in the beginning of the Institute, yet in those chauvinistic days, only fifty years after the Seneca Falls convention and almost twenty years before women in the USA were allowed to vote, there were business men who objected to the Mechanics Institute becoming, as they saw it, a girl's school. Male students were uncomfortable in a place where, for a time, there were more women students than men, and cooking and dress making were more visible than machine shop. Yet gradually the rigid separation of studies broke down. The Rochester papers made headlines out of the first women to enroll in a steam engineering course. In the other direction, it was equally headline news when a man joined the so-

called 'Brides' course thirty years later.

It was a woman who made the second greatest bequest to the Institute, larger than George Eastman's, an estimated \$300,000. Mrs. Susan Bevier, the widow of a wealthy brewer, used to stay with a friend on Washington Street. She got to know the students, especially the art students as they walked to and from class and sketched and painted in the neighborhood. She left her entire fortune to the Institute to build a memorial building, with one room to be set aside in memory of her daughter Alice.

Losing ground

But while the Institute was moving ahead locally it was losing ground in general. In 1885 there was no place for technical training in Rochester other than the Mechanics Institute. Only seven per cent of the nation's 14-17 year-olds attended high school in 1890. But thirty years later there were extensive vocational training programs in the high schools. In 1917 the Smith-Hughes, or Vocational Education Act, made federal funds available for vocational education. Private institutes such as Pratt and Drexel had substantial endowments which freed them to develop their curricula in ways that the Rochester Institute could not do, having almost no endowment. Then, during the first world war, the Institute committed itself almost totally to the war effort without thought, it appears, for what that would do to its regular courses. Two hundred and fifty trainees came to the school every six weeks



Founders of Mechanics Institute, May Lowenthal, Henry Lomb, William Pick

for intensive training in motor mechanics, construction and so on.

After the war the Institute engaged in a rehabilitation program which was difficult to administer and eventually unrewarding. This was the one time in its history when it became most nearly a utility for community needs. When the needs changed, after the war and after the rehabilitation program, the Institute was left with a disrupted curriculum and heavily overused premises.

Further problems arose when the New York State Board of Education required four years of college for teacher training. Up to that time most of the art teachers, the manual training teachers and the home economics teachers in the Rochester city schools had been trained at Mechanics Institute. At the time that the Institute developed these programs the general level of teaching training was low. The Institute graduates were a notable and much sought after exception. The new law effectively ended that. By then several other schools in the state offered similar programs. An arrangement with the University of Rochester in which Institute students took an extra year at the University for their liberal arts and received a University degree did not work out.

By the end of 1922 there had been four recent changes of top administrators. The first president, 1910-1916, was Carlton Gibson, a classicist turned administrator. He saw the Institute as a developing technological university. His successor James F. Baker from Cleveland, appointed in 1916, thought in terms of a technical junior high school. Royal B. Farnum was an art teacher who had taught at the Institute for one year when he became President in 1919. He left, it would seem, as soon as he could in 1921, to head the Normal Art School in Boston.

John Arthur Randall

When John Arthur Randall became president in 1922 it was not clear that the Mechanics Institute any longer had a place in the Rochester educational scene. In a manuscript which he wrote about 1924 he describes how greatly the Institute missed Henry Lomb, who died in 1908. Lomb's ability to attend to details without losing sight of central objectives, and his ability to make decisions, was not shared by his colleagues on the Board.

This was especially unfortunate because during the years from Lomb's death to about 1920 the importance of vocational education became a major issue in educational thinking. The Mechanics Institute was in a position to take full advantage but it didn't do it. It was, instead, unduly concerned with the needs of local business and with not duplicating the work of the



Carlton Gibson, RIT's first president.

University, whose president, Dr. Rush Rhees, was a member of the Institute Board for about twenty years. This meant, in effect, no degrees, and in retrospect one can see less the influence of educational theory than well meant but basically selfish local interests. Certainly these were some of the factors which disenchanted George Eastman, who was Chairman of the Board from 1913 to 1915 and then resigned.

What saved the Institute was its willingness under President Randall to spend years in self study to answer the hard question: did it have a future, which meant, bluntly, did it serve the interests of local business, did it offer a real opportunity to local young people, or did it duplicate services provided elsewhere? A long series of studies and committees in cooperation with the public schools, the University of Rochester, Rochester businessmen, the U.S. Commissioner of Education and the presidents and directors of other technical colleges culminated, in 1926, in a report in which the answer was yes, the Institute did have a future. The authors of the report, Dexter S. Kimball, Dean of the College of Engineering at Cornell, Frederick P. Keppel, president of the Carnegie Corporation of New York, and Channing R. Dooley, Personnel and Educational director of Standard Oil Company, concluded that if the Institute did not exist something else would have to be created in its place, perhaps a proprietary school. With strong emphasis it was reiterated that the Institute should not give degrees, and that became a theme for thirty years. Its place was between the high schools and the University, and it should not trespass upon the work of either.

The achievement of the Institute in

being able to carry on in this way should not be underestimated. The technical school, beyond high school but less than baccalaureate, was what one writer describes as an "educational outsider" through the 1930s. Pressure was strong on such places to become a high school or a college. The other option was to go out of business, which some did and the Mechanic's Institute nearly did. The Institute was able to resist those pressures and not only survive but prosper long after its intermediate stage was out of fashion.

In 1912, under Carlton Gibson, the Institute had inaugurated a co-op program, one of the first in the country. This was expanded. The opportunity to earn a salary while at school was very appealing to potential students.

Mark Ellingson

If one were to divide the history of the Institute into periods, 1926 marks the end of its low fortunes and the beginning of an advance which still continues. Much of the credit of that must be given to President Randall who not only guided the self study but who brought in consultants and established the beginnings of a general education programs. Yet it was his successor, Dr. Mark Ellingson, who built upon what Randall began and for 33 years, from 1936 to 1969, led the Institute from its small scale in downtown Rochester to a \$60 million set of buildings on a 1300-acre campus.

Some people were surprised at the speed with which, earlier this year, 1979, R.I.T. incorporated Eisenhower College, almost impulsively it seemed. Yet this was a style of operation most typical of Ellingson. In 1937, his second year as president, the Institute acquired the Empire School of Printing, a very small establishment created by the New York State Publishers Association. It was of obvious advantage to the Gannett Press to have the school in Rochester, two or three hundred yards away. Yet the agreement drafted by the Institute included an explicit understanding that the new program in printing was to be run by the Institute and not by the industry. The Institute could not have survived without the support of the Rochester business interests, but it could not have survived if those interests had been able to tell it what to do.

In a number of important ways the Institute demonstrated its independence. For example, Rochester business interests in general wanted the Institute to remain downtown, but the Institute moved. Those interests were in general suspicious of the Institute awarding degrees, and in a lingering way some of them still are, but degrees were awarded. Ellingson's leader-

ship was successful not only because he had an unusual ability to raise and handle money, (during 30 of his 33 years the Institute ended its fiscal year in the black), but because he recognized that a college must make its own decisions. Yet he also had a keen understanding of the needs of the Rochester community, so that for three decades there was a realistic and highly successful working relationship coupled with clear educational goals.

It is against that tradition that one must evaluate the 'impulsiveness' of acquiring Eisenhower College, or, in 1950, acquiring the School for American Craftsmen, founded by Mrs. Aileen Webb and at the time uncomfortably situated at Alfred. In 1952, the Institute took over the local McKechnie-Lunger School of Commerce which became the basis for the School of Business Administration in the present College of Business.

Innovations

These years of the Institute were marked by considerable educational innovation. In the 1960s many R.I.T. students argued that grades should be abolished; "too mechanical," they complained, "not personal enough." Those students probably did not know that in the 1930s the Institute

students were evaluated on the basis of anecdotal behavior journals instead of letter grades. Curricula, also, were carefully developed to fit the specific needs of students and the jobs they were studying for. These activities made the Institute a center of educational innovation; visitors came from many parts of the country to find out what was being done. An immense effort was committed by faculty and staff to the educational goals of the Institute. In every area, paedagogical, financial, administrative, the Institute was characterized by thoroughness and a willingness to try a new thing.

Yet again, despite strong local success and increasing recognition beyond Rochester, the Institute was in danger of being overtaken by the events which followed the end of World War II. It was estimated that two million returning servicemen would look for some kind of education to equip them for a job. Physically, the Institute, which had changed its name to the Rochester Institute of Technology in 1944, could not have taken advantage of that without the generosity of George Clark, who provided most of the funds for the Clark Building, now, reconstructed, housing the Rochester city schools offices. In 1946, when the Clark building opened, it accommodated the rapidly expanding de-

partments of photography, printing and engineering. Even so its facilities were strained. Large numbers of servicemen entered the reorganized two-year colleges of the State University of New York, created in 1948. R.I.T. played a constructive role in that, willingly helping many of these schools to adopt its own programs. It was a mark of the Institute's reputation that other schools wanted to copy what it was doing. But it became clear that in the new educational scene a technical school which did not offer degrees and whose programs were duplicated across the state would soon be left behind. For these reasons the Institute abandoned its decade-old objection to degrees. In 1950 it became the first college in the State to be authorized to award the AAS. When, a short time after, Dr. Leo Smith, later the Institute's Academic vice president, visited the New York State two-year colleges as a one-man validating team, the Institute became, as it were, the foster parent of every AAS program in the State.

After the Second World War

The years after the war were an educationalist's dream. Yearly increases in enrollments across the nation seem now unbelievable. Technical education received strong legislative support, especially after the successful launching of the Russian Sputnik in 1957. The growth of the SUNY system was part of that glowing euphoria which saw in colleges and universities the answer to the nation's problems. It was Socrates' dream resurrected; if we know what is good we will do it. R.I.T., in its pragmatic way, rode on those lovely soft clouds not much more aware than the rest of the educational world that soon they would blow away.

In these years the Institute built the Ritter-Clark Gymnasium and Ice Rink, took over 50 West Main, bought the Rochester Hotel as a men's dorm, equipped a building for its library, and bought buildings in the immediately surrounding area to find places for an avalanche of students and their cars. Space was such a serious problem that either the Institute would have to engage in large-scale expansion at its downtown location, which at first it planned to do, or move.

The decision to move was influenced by three factors. One was the plan of the New York State Department of Public Works to build a section of the Inner Loop through the campus, this with a degree of casualness and unconcern for the school and for the city which in retrospect is appalling. Another factor was an increasingly bad situation in the neighborhood surrounding the school. Muggings, knifings, and angry confrontations in-



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Into the Future

an interview with RIT President, Dr. M. Richard Rose

REPORTER: Do you see the development of any new programs at RIT, or possibly the deletion of some?

Rose: Both, I foresee them both. We are putting into effect a planning mechanism where we will be making longitudinal studies every year of our graduates. It will be through Career Education. I would like to get some more accurate measures as to the progress our graduates are making in their chosen professions and have their views of what could have better prepared them for their respective career—hindsight. We need to do that in a formal ongoing basis and feed that back into our curriculum.

Secondly, we are having some research, initiating this year, that will be aimed at forecasting manpower needs of the future. So, the combination of those two will probably cause alterations and dropping of courses and programs in addition to new programs. Here our philosophy being, your success is a measure of the institution's success. You being representative of the students.

REPORTER: Do you consider demand for a course or a program secondary?

Rose: Well, demand in the sense, that it is based on a demand of popularity. I think we need to measure in terms, is there real placement potential, and be satisfied. We could devise several popular courses, but if we haven't in fact, prepared the person for a productive career, maybe we've done that person a disservice, even though we've been very popular in the process.

REPORTER: Do you see any particular programs becoming stronger in the future?

Rose: Well, I think computing science, and a lot of ramifications of computing science, is likely to grow in this institution because there are very few technical areas where computing science isn't a part of it now and not likely to grow in the future. I think that scientific applications of photography are likely to grow, and I'm really just learning—very much a layman—I think the whole area of graphic arts in terms of visual imagery in a broader sense, holographic imagery, using lasers as carriers of signals, and that kind of scientific application, is likely to grow.

REPORTER: Do you foresee the institute becoming more technical, rather than broader?

Rose: I would think that we would want to

do several things. We would want to again look very carefully at what we assess to be manpower needs, perhaps ten years out. What is the impact area. Secondly, I think we have to look at our current strengths and our ability to support the programs. That's kind of a judgement then if you play what you perceive as need, what you think you can support and where we have existing strengths to support programs it's not a neat equation where we abstractly decide that's the program we ought to (round) out because we may not be able to afford it, we may not have the personnel assets or the physical equipment to do it reasonably. So there are constraints.

As we look to the future, also, I think we have two other facilities that we are underutilizing. Obviously, Eisenhower College being one; secondly, 50 W. Main St.

REPORTER: What plans do you have for 50 W. Main?

Rose: Well, right now the only plan that we have is the School of Applied (Metro) Science. That's the only tangible plan. We are making a space inventory during the course of this year. And then from a space inventory—utilization—to find out how well we're utilizing the space that we have, and 50 W. Main will be included in that. I think we need to think through that

programs we plan to institute, how we best use the space we have at our total disposal.

REPORTER: What sort of things will be done to improve the quality of life on campus?

Rose: Well, I don't want to get tied up on our definition of quality of life, that could take some time. But, I think there are several things that I would like to see happen here. I would like to see more music, more theater, more drama. More of what I consider alternative learning opportunities by participation than I believe we've had in the near past. I think for the people participating it's a learning activity and for the rest of us who would be spectators, it's also very healthy activity, and I think that improves the cultural quality, if you will. I'd like to see our inter-collegiate program—I'd like to see more activity and a little more emphasis upon it. I think again, it doesn't capture the interest on the campus that I think it could and it doesn't make the contribution, therefore, that I think it could.

REPORTER: Is there a possibility of bringing back football?

Rose: I wouldn't rule it out. I don't have any plans and I won't be a single person to plan, anyway. I have asked the Athletic Dept. to give me a rationale for the inter-collegiate athletics we have or should have. I'm not satisfied that we should just add teams,



Dr. M. Richard Rose and former president Dr. Mark Ellingson discuss RIT's past, present, and future on channel 10's (WHEC) Eddie Meath Show.

My observation would be that we probably have points that, in given areas, are near saturation right now.

there ought to be a rationale, a criterion, I think, and one that would certainly serve the athletes. But, in addition to that, it ought to have a focus as a unifying effect on the campus; it ought to have that effect it's an inter-collegiate team, and thirdly, it ought to be some kind of favorable outward expression of the institution to a larger public.

REPORTER: What can be done to improve residential life on campus?

Rose: I think there are some physical improvements that are being planned. Last year the visits I made to the dormitories I gathered that, number one, most students complained about noise. Part of that is the buildings, the bricks, and the fact that sound travels easy there. So, it may not be that it will always be as tranquil as many people would like to have it. I think we can do more than we have done to reduce noise levels.

Secondly, we need to take a more programmatic emphasis in terms of dormitory life. Dormitory life should be supportive of your basic reason for being here—teaching and learning. And I think there ought to be a greater sense of complementarity, sort of a programmatic thrust as opposed to a straight landlord-tenant. And I'm not suggesting that was the only relationship at all, but I think it's degrees, an inclination, if you will. I think we ought to provide as much programmatic support as we can. Never support people to the point some people like to be supported, but other people would rather have no support.

I think, also, we need to consider carefully the housing policy, who should be required to live in the dormitory, how do we prioritize the use of the space; with Eisenhower that adds another component; with commuting becoming more and more expensive that adds another component; if we in fact think that there's a value in living in a dormitory, should we exclude people automatically because they live in close proximity, or should they not have the opportunity to live in. So I have some questions, and select policies are being re-examined. I think the sum total of that re-examination ought to be a rational housing policy that would be programmatically oriented, that would tend to support the student.

REPORTER: Keeping in mind that RIT has

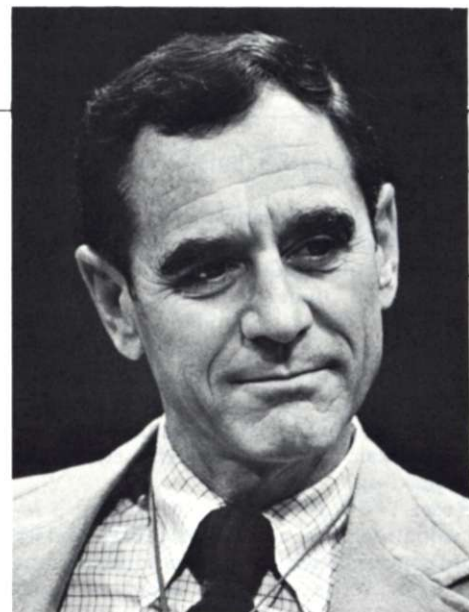
predicted an increased enrollment up to the mid-1980's and then a gradual leveling off, when will we either make a decision to limit enrollment or commit ourselves to a physical expansion?

Rose: We're committed this year to examine the question of appropriate size. There is, as you can imagine, a lot of dimensions to that question. I mentioned a space utilization study—that's one (change) how much space do we have, how effectively are we using it, could we use it more effectively. Secondly, another tangent to that overall study would be programmatically based at existing numbers, probably numbers probably programs, to see if we can reconcile the two. From that we ought to better define our space needs. Then we have to look at—if we have space needs, as a result. Then we'll have to look at the nature of the space needs, our ability to provide them. We may not complete all of that this year, but at least the definition of size and utilization of space. **We ought to complete that in the course of the year.**

Then I think that your previous question of the quality of life enters into this also. We have to look into what additional space, and additional numbers do to the quality of life. Will it enhance it or detract from it? If we're adding facilities, what's the nature of those facilities? What impact does that have? I think we have to be very concerned of the consistency supporting learning here. I'm not sure what that number is, but at some point there is a saturation. Either because of facilities or because there aren't students available and/or because we can't support the programs. There are limits. I would rather we determine what that ideal number would be than let outside forces determine for us and be in a reactionary posture.

REPORTER: Do you show that you're getting near the saturation point?

Rose: I think, yes, we probably are. I think, and this is speculation on my part now without the space study, my observation would be that we probably have points that, in given areas, are near saturation right now and in other areas we could expand. But I think to accept the notion that universal expansion is probably a logical or universal contraction. We would have to look inside program by program, equipment, laboratories, certain kinds of constrictors that



WILLIOTT/REPORTER

may define limitations.

REPORTER: The New York State Department of Education and many other departments of education in the United States are predicting a decreasing enrollment in universities into the 80's. Why is RIT exempt from that?

Rose: Well, I think there are several forces at work. The predictions of decreasing enrollment are based almost solely on demographics. I think as long as RIT is able to place a vast majority of its graduates, or for generalization, place its graduates, then I think there will be a demand for the kind of educational services we offer. We will be effected by demographics because there's a shrinking pool out there, of potential students. We are not immune. I think RIT will probably fare much better than the typical institution, especially a typical single purpose or liberal arts institution. In fact I'd say most liberal arts institutions are moving very quickly to a more pragmatic or career education philosophy.

There's another component to that also. RIT as it exists today is about 12 years old, even though we're celebrating our 150th anniversary, because it's 12 years on this complete campus, the spectrum of offerings. Consequently, I would argue, there's still a lot of room for growth in terms of visibility on the national horizon. And I think if we're carefull we will see greater recognition which adds to the credibility of our credential. And that recognition of credential becomes a very important fact, not only in how well you are received in the

(continued)

• We are going to be forming, in all probability, a wholly owned subsidiary corporation for research. •

employment market, but how well you will progress.

I think that progression is a concern of mine. And I would play the equation back: If most of our graduates make a reasonable progression than I feel that insures a continuing flow of students. You could really sum it in a perhaps ridiculous simplicity by saying that when our students prosper I think the institution will prosper. There are other kinds of constraints.

REPORTER: Will recruitment efforts be stepped up?

Rose: Yes. Last February we started a re-evaluation of the admissions process and we are concerned with a systematic admissions process. We're trying to avoid as much duplication in the institution, make the admissions process as effective as possible. With that we'll be as much of the modern marketing techniques as we can reasonably employ here. That study is nearly completed and much of the implementation has taken place.

REPORTER: You mentioned that you might wish to tighten admission requirements.

Rose: I think that would go along with several factors. I think the faculties will be looking at the attrition statistics, and the faculty will really determine that more than even a statistical review. There are several areas, my guess is, that will become increasingly sophisticated; the advance of computer science, for example. So you're really talking then about math prerequisites for a lot of areas that wasn't necessary a few years ago. We would really look at the high school preparation for formal mathematics, a stronger evidence of math potential in the board scores, perhaps. We have a writing requirement as an institution requirement. I don't know what that will mean, buy my guess is it will mean we will have to at least look for some potential in writing requirements.

REPORTER: Will RIT take steps to increase research, whether it be privately funded or government funded?

Rose: Yes, and we'll do that in this fashion. We are going to be forming, in all probability, a wholly owned subsidiary corporation for research. That, I think, in my judgement, is the best vehicle. Now that has to be approved by the Board of Trustees and has to have a broad acceptance from the faculty. Neither of the latter two groups

have had a chance to react. I think research—here we are talking about applied research rather than basic research—I think research strengthens the institution academically. Those people who participate as investigators in research projects come back to the classroom more excited with current knowledge. I think the students get caught up in that in the sense that they are learning about current applications and are closer to the cutting edge in that particular profession. And I think students can be involved in research as a learning activity. That's research in the broadest context. There's a lot of research going on here now. I think we need to give a greater focus, greater visibility. But, that's a long-winded way of saying, "yes."

REPORTER: You mentioned that RIT would have to deal more on a federal level. Will much of the research be federally funded?

Rose: I would hope not, for several reasons. We are going to have to become more involved in federal and state government levels; whether we like it or not they are part of our lives. And I think we ought to be a little more aggressive in several fashions. We have an excellent reputation in HEW (the Department of Health, Education and Welfare) because of NTID. And I think there's a broader range of services that could be afforded through NTID and other support services using NTID as a vehicle but actually utilizing expertise in other ranges of the institution. And I think very frankly there are some areas in the technologies that perhaps RIT could provide a superior service to what the federal government is obtaining now. I would not want to have high reliance on soft money. There's just too many things that can happen, too uncertain, to build a research organization.

REPORTER: Will RIT also attempt to build its international reputation?

Rose: Yes, I think our international reputation will follow on to a higher national profile. I think further, that research will complement that and we will probably establish ourselves on our national profile because of research.

REPORTER: What will RIT do to attract more foreign students?

Rose: There are several things that we will probably do, and I haven't seen the ultimate plan here. I think we will probably number

one must make ourselves available. In essence, send a signal in many quarters that international students here are welcome. Now, there are qualifications to that. Their readiness with the language; that's a concern, I think, for any institution (that) hosts foreign students. There's a limit, again, to the number of foreign students we can host. Thirdly, I don't think it would be wise for RIT to take on foreign students as part of a contract with another country. I'd rather see the student be admitted on the strength of their potential and be successful in a program. And I'd rather not be involved in taking on blocks of students. My experience has not been very positive in the latter.

REPORTER: You remarked that we've become too dependent upon tuition revenues. I read in an RIT report that the voluntary support dollar would be increasingly difficult to get in the 80's. How would we resolve those problems?

Rose: It means our job at securing the volunteer support dollar is going to become more difficult. We're going to have to be more successful. I am very optimistic in this area, though. I think that RIT is completing a 150th anniversary campaign, a \$42 million campaign. We're nearly complete with the SAIS campaign. Much of our fundraising effort has been directed at campaigns, so now we are going to re-direct our efforts toward on-going support. Secondly, the numbers of graduates have increased geometrically in the last 10 or 11 years and, generally speaking, most graduates are in an economic position to start supporting their alma mater probably ten years after graduation. I think there is a coincidence in numbers and opportunities there. We need to work at it very conscientiously. I think that will be a large part of my personal assignment. To amplify the question; dependence on tuition; I can make the case, at least in my mind it's convincing, that it may be the best investment that you and your family can be making. I believe that. On the other hand, we do become too vulnerable then to swings in enrollment. That really does not offer continuity of good planning. So we need some larger sustaining income.

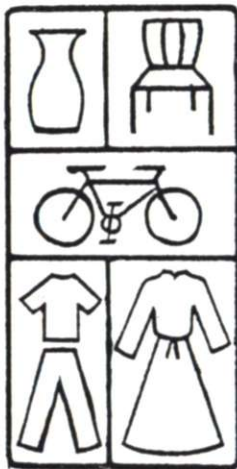
REPORTER: What other areas to you see RIT changing in the 80's?

(continued on page 23)

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REPORTAGE

Co-ed Flees Abductor

An RIT co-ed was almost abducted Tuesday evening last week by an unidentified male in parking lot J. The suspect, described by Protective Services as "a white male, 5' 10", 180 lbs. with a large afro hair style," attempted to coerce the woman into his car under the threat of a gun hidden beneath the front seat of his car.

According to Mr. John Yockel, investigator for Protective Services, the woman ran, and the suspect chased her. He adds the suspect did catch up to her, but she managed

to break free from the suspect and ran to the safety of her car. Mr Yockel said the victim "got a good look" at the suspect but was unable to view the license plates on his car because the suspect was driving with his headlights turned off.

Mr. Yockel said "there is no tie" between this incident and an earlier incident where an unidentified male was discovered entering women's dorm rooms. He said Protective Services "showed a composite drawing" to one of the earlier complainants and was told the two suspects were "not the same."

NTID Student Charged

A student from NTID was charged with kicking a Rochester police officer in the face early last Saturday. According to the Rochester Police Department, the student, Mr. William Merritt, was arraigned and charged with second-degree assault and resisting arrest. Mr. Merritt pleaded innocent and was released without bail.

Mr. Barry LaCombe, safety administrator for Protective Services, said the incident began when an intoxicated man mistook a young woman's car for his own outside the Rochester Recreation Club for the Deaf on St. Paul Stree. The resulting fight eventually involved 30 to 40 more people.

In the ensuing scuffle, Rochester Police

said Officer Wayne Markel was in the process of handcuffing a man when he was struck from behind by another assailant. According to Rochester Police, Mr. Merritt then kicked Officer Markel in the face. Mr. LaCombe said Officer Markel was examined for skull fractures and later released from the hospital.

If found guilty, Mr. Merritt faces a one to seven year jail sentence and/or a fine of not more than \$5,000. Rochester Police also said a portable police radio was taken from Officer Markel during the fight. Major Richard Pfunter of the Rochester Police said, "If anybody has that radio he can give me a call and make arrangements to return the radio." He added no arrest would be made to anyone freely returning the radio.

Car Clinic Planned

Today is the last day to sign up for the Commuter Association Car Care Clinic. Sign-up is in the Commuter Association office in the basement of the College-Alumni Union.

The clinic will be held on Thursday, October 25, from 2:30-4p.m. in the 1829 Room. The clinic will cover basic car maintenance and troubleshooting. Registration is open to all members of the RIT community, and is required to attend the class. There is no charge for the clinic.



SPEAKING OF INABILITY

I DON'T KNOW WHY WE HAD TO IMPORT A POPE WHEN WE HAVE ME!

NTID Buildings Named

Governor Hugh Carey and Lady Bird Johnson, widow of the 36th president, Lyndon Baines Johnson are among 30 dignitaries expected to attend NTID's building naming ceremony today. The buildings are being named for five people who have made significant contributions to the education of the deaf and comes five years after the dedication of the school.

According to Dr. M Richard Rose, president, "NTID has helped meet the needs of more than 2,600 deaf people who wanted to be trained for technical careers. This ceremony recognizes a key achievement of NTID during the past 11 years-that deafness is no longer regarded as the handicap people thought it was in the past."

The buildings to be named in the 11am ceremony include the Dining Commons, the NTID academic building and the Stage III dormitories. The academic building will be deemed the Lyndon Baines Johnson Building, after the Democratic president who signed into law the bill creating NTID.

Apartment Door Shot

A .22 caliber bullet fragment was found in the front of the door to apartment 207 in Colony Manor last week. Mr. John Yockel, Protective Services investigator, said area residents "heard gunshots" in the general vicinity of the apartment. He added while a number of gunshots were heard, only one bullet struck the door.

Mr. Yockel said apartment 207's resident could give no reason why anyone would want to shoot at the door. According

Exhibits Open

Two anniversary exhibits, "The 150th Anniversary Show," and the "Alumni Photo Exhibit," are slated for display at RIT in the Bevier Gallery and in the College-Alumni Union, respectively, starting today and continuing until November 8. "The 150th Anniversary Show," a collection of original art by RIT students dating from 1885, displays 189 pieces of student work dating from RIT's earlier days. Mr. Stanley Witmeyer, professor emeritus and curator of the Anniversary Show, said the show will also include the work of some of RIT's more famous art graduates such as Ralph Avery, who graduated in 1928 and worked for many publications from his Third Ward studio, including *Reader's Digest* magazine. Mr. Witmeyer said 254 photographs from yearbooks and scrapbooks will supplement the show by portraying student life over the

The bill was drafted by Governor Carey, former New York state congressman.

The Hettie L. Shumway Dining Commons is named after one of Rochester's earliest champions for the establishment of NTID at RIT. She was the first person to ask then President Mark Ellingson to consider the congressional bill establishing the Institution.

The dormitories are being called the Mark Ellingson Hall, the Peter N. Peterson Hall, and the Alexander Graham Bell Hall. Mr. Peterson is being recognized for his accomplishments in teaching the deaf and the suggestion of an institution similar to NTID. In 1930 he wrote, "A National Technical Institute for the Deaf, located at the center of population in a large manufacturing city, is what deaf young America needs more than anything else." Former RIT President Ellingson brought NTID to RIT. Mr. Bell is noted for his commitment to helping the deaf children to develop their limited communication skills.

to Mr. Yockel, "a rifle cannot be used to hunt in this part of the state." He did not, however, discount the possibility of poachers hunting in the large open field facing the apartment.

Tracing the trajectory of the bullet to its point of origin is difficult, said Mr. Yockel, because the bullet stopped on impact with the metal door. "If the bullet went through, the trajectory would have been easier to determine," said Mr. Yockel. He added, "It would appear to be accidental, but I can't be positive of that."

years as well as "the unique ways that art was taught." He added, "This is the first time this sort of show has been attempted."

The "Alumni Photo Exhibit" is a "cross section of photographic work and avocational work" of RIT graduates, according to the exhibit coordinator, Mr. William Shoemaker, a School of Photographic Arts and Sciences professor. He said the works of Mr. Edward Meyers, editor of *Popular Photography* magazine and Vincent Lisanti, a New York City photographer whose photos have been on the cover of *House Beautiful* will be included in the exhibit.

ENERGY.

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U.S. Department of Energy

From...

The National On-Campus Report

Not every student at the U. of Washington is a member of the student government, the Associated Students of the U. of Washington. But, member or not, each student funds it and is able to take advantage of most of its services.

The unusual arrangement came about through a 1975 state supreme court case which said students could not be compelled to be members of ASUW.

During one recent registration period 63% of UW's 27,000 undergraduates checked the box, "Yes, I wish to be a member," 25% checked "No" and 12% checked neither.

Non-members pay the same fees as members; their only loss is the opportunity to vote or run for ASUW offices.

Why do some students refuse to join the group that they have to pay for anyway? "Either because they don't understand, or because they want to protest, thinking it's just petty politics. Or maybe they just don't care one way or another," speculates Student Activities Director Terry Kelly.

Since the regents continue to fund the ASUW on the basis of total enrollment rather than the number of ASUW members, the court ruling has had little effect on the group. But, explains Kelly, if the regents ever decided to base funding on membership, it would drastically reduce ASUW's \$200,000-plus annual budget.

Freshmen Ill-prepared

Ill-prepared freshmen entering college and needing remedial courses are increasing. The dean of the U. of New Mexico University College estimates as many as 60% of entering freshmen there will need some remedial training. Although 20.5 is a national composite ACT score, students scoring below 15 at UNM rose from 13% in 1969 to 33% in 1979.

Co-ed Living OK

Co-ed dorm living is approved by 95% of parents of students living under such arrangements, according to a recent survey by McCall's magazine. The survey confirmed that co-ed dorms do not increase sexual activity. Most students living in the dorms say the experience helps them better understand and respect the opposite sex and lessens sexual pressures.

REPROVIEW

Coppola's *Apocalypse Now* Finally Arrives

After a series of production setbacks, postponed release dates, and much press speculation, Francis Coppola's fast-paced Vietnam war thriller *Apocalypse Now*, has finally arrived in Rochester. Coppola's previous films, among them *The Godfather*, and *The Godfather, Part II*, have already established him as one of America's premier directors, and in the wake of four years of production and a \$31 million budget, *Apocalypse Now* is his grandest effort to date.

Set in Vietnam in 1969, the film's story centers around the impending encounter between two men. The first is Colonel Kurtz (Marlon Brando), the supposedly crazed Green Beret possessed with death, whose brilliant military career turns to chaos when he breaks away from the American High Command and leads a death march into the jungles of Cambodia. There he establishes a bizarre fortress of horror. The second is Captain Willard (Martin Sheen), a CIA trained assassin, whose mission is to travel into Cambodia by river, find Kurtz, and kill him. Most of the film is devoted to Willard's excursion upstream in a patrol boat. He is escorted by a motley crew of four young sailors, whom he describes as "rock and rollers with one foot in their graves." Every turn in the river is host to a new dilemma, each more disturbing than the last, as the film brings the crew (and the audience) closer, both literally and figuratively, to the grotesque horrors of Kurtz's stronghold. Unfortunately, the tragedies they encounter are not as powerful as they could have been due to poor characterization. The acting isn't bad, the problem lies with the script; there is very little character interaction, and the individuals are left poorly defined. The audience never really gets to know them, and so it remains difficult for the viewer to empathize.

What little we know about Kurtz, and his fortress, is learned through Willard's running narration as he reads and reviews Kurtz's dossier during the lulls in excitement. When Kurtz's arena is finally reached, where the dead lie among the living and the living worship him as a god, the action slacks off. Audience attention, however, is still held both by the gruesome surroundings presented, and in anticipation of Willard's action. A large gap the audience must grope to fill is left here—the film never reveals Kurtz's mystical power over the inhabitants of his paganistic environment. This lack of information begins to erode some of the character's credibility.

One character, however, needs little

credibility: Colonel Kilgore (Robert Duval). His inclusion in the film must be for comic relief, and the laughter hinges on his outlandish behavior. He is the blood-and-guts commander assigned to escort Willard and company to the Vietcong controlled mouth of the river they are to traverse. Kilgore (get it: Kill-gore) sports a yellow scarf, and cavalry hat, and struts upright through shellings and mortar fire, saying amazing things like, "I love the smell of Napalm in the morning." Luckily he remains on screen for only a brief portion of the film.

One other character is worth mentioning here. He has a bit part among the cast, but plays a big part in the film. When Willard hits the beach during a battle he sees a small newsreel film crew shooting the action. Admonished by the bearded director not to look into the lens, he moves on. Don't blink, the director is played by Coppola.

Apocalypse Now, long touted as the ultimate Vietnam war epic, is difficult to compare to the other Vietnam films—it's a different breed altogether. Films such as *The Deer Hunter* and *Coming Home* dealt with the war's impact on the personal lives of the participants. *Apocalypse Now* deals with the war itself, with the tragedy of Vietnam. Its theme outlines the total lack of morality in war, and the false judgements expressed by superiors. Kurtz laments, "What do you call it when the assassins accuse the assassins?" Willard echoes his sentiments: "Charging a man with murder in this place is like handing out tickets at the Indy 500."

Apocalypse Now is filled with symbolism, both implied and articulated. Among others, a bleating lamb tethered to a helicopter hovers over an open air mass for the dead in the midst of a battle, and Playboy bunnies bump and grind at a USO show in the middle of the jungle. America's corrupt values are easily exported. This aspect of the film, as well as the ethereal

aura of the macabre that intertwines throughout, is skillfully reinforced by director of Photography Vittorio Storaro. Storaro's talents have been utilized by Italian director Bernardo Bertolucci in *The Last Tango In Paris* and *1900*, and he brings *Apocalypse Now* to near technical perfection. His camera movements and use of lighting, both natural and artificial, create the powerful screen moods harmonious to the bizarre situations Willard and his entourage encounter. *Apocalypse Now* is one of the most cinematically expressive American films ever produced. Coppola uses (and thankfully doesn't abuse) such devices as superimpositions, extreme close-ups, sound montage and slow motion as filmic bridges and signposts along his thematic pathway. One memorable scene occurs at the onset of Kilgore's large scale helicopter attack. As we accompany the choppers enroute to the battle they become angels of death, with Coppola's precise choreography of camera and machines transforming a routine flight into a fantastic aerial ballet.

Adventurous, technically facile, and thematically expressive, *Apocalypse Now* has all the elements of an excellent film. Yet, leaving the theater, one question remains: was this really the way it happened? Were the events of the war we fought in Vietnam really as insane as those depicted on the screen? The answer lies in the review of the film by James Webb of the Washington Post, a former commander of a Marine Corps unit in Vietnam. He writes, "Coppola has drawn together all the worst, most offensive stereotypes from every crazy movie and barroom story about Vietnam, embarked them on a journey with no conceivable realistic basis whatsoever, showing events ludicrous from the first moment forward..." In the film's production notes, Coppola says, "I have attempted to make a theatrical-film-myth dealing with the theme of moral ambi-

Martin Sheen cuts an eerie figure as he rises from a steaming river in *Apocalypse Now*.



guity." The film's story is a lie, an impossibility. Yet its theme, that there is no morality in war, only hollow judgements, seems true. Its the age old dilemma of the end justifying the means. The impossibility of the plot doesn't necessarily negate the theme, but it does put in limbo. Coppola wanted artistic expression along side his action adventure. To achieve the former he had to cheat with the latter, and this detracted from the credibility of both. If *Apocalypse Now* is the vehicle for a message Coppola wants the audience to believe, then the film is a failure. However, it is still one of the grandest and most emotionally impressive failures produced. —H. KOCH

Loggins Successful But Past Lingers On

Kenny Loggins likened it to a love affair, "the moment you realize you and your partner are separate," thus explaining how he and Jim Messina ended their six-year, seven-album union in 1976. Three years later, with two platinum albums (*Celebrate Me Home* and *Nighthatch*), a hit single effort with Stevie Nicks of Fleetwood Mac ("Whenever I Call You Friend") plus co-writing credits on the Doobie Brothers successful "What a Fool Believes," it's obvious that the split has had few adverse effects on Mr. Loggins. He is, unlike many performers who choose a solo career, able to make it on his own.

Loggins' latest effort, *Keep the Fire*, is his attempt to intergrate the performer onstage with the performer in the studio. Most of the songs were recorded live in the studio, making for a more dramatic sound than an album pieced together in the studio. *Keep the Fire* is a collection of originals, collaborating with the Doobie's Michael McDonald on "This Is It" (which even though has Mr. McDonald only on harmony vocals still possesses the unmistakable Doobie Brothers sound), and Mr. Stephen Bishop, who you may have noticed as an emerging performer himself. (Mr. Bishop, featured in a cameo role in *Animal House*, was fortunate enough to have Mr. John Belushi crack a guitar over his head). Loggins' wife Eva co-wrote the title track, a typical Loggins melody with a very nice sound.

You can't miss the assist from Mr. Michael Jackson on "Who's Right, Who's Wrong," which also presents a fine tenor sax solo from Mr. Michael Brecker. Mr. Loggins gives us an unusual sound in the calypso beat of "Junkanoo Holiday" which may not be so unusual if anyone remembers the Loggins and Messina hit "Vahevala"

from one of their earlier albums. Mr. Loggins has said he never will put the ghost of Loggins and Messina behind him, and continues to lean heavily on L&M material in concerts since they are his songs and he's proud of them. The union, born when Mr. Messina wanted to produce Mr. Loggins' album but instead added so much that *Sittin' In* was the result, was immensely successful during the six-year period from 1970-1976 with notable Loggins tunes like "Your Mama Don't Dance," "Angry Eyes" and "Danny's Song." His subsequent albums have cemented his popularity as a solo performer, and RIT students will have the chance to witness this at Mr. Loggins' concert here on Saturday, October

20, as part of RIT's Homecoming activities.

Joining Mr. Loggins will be Sniff 'n' the Tears, a six-man group whose latest (or is it first?) effort *Fickle Heart* has one scrambling for the proper term to pigeon-hole them in. Suffice to say that their single "Driver's Seat" was a hit this summer, if hearing it on the radio thirty times a day constitutes a hit. They should provide concert-goers a contrast in styles, if that is at all necessary. Their album gives unusual credits on the back, thanking their engineer Mr. Steve Lipsom "who twiddled the knobs" and one Mr. Bazza "who made the coffee." Too bad no one was all that concerned with making the music.

—J. SULLIVAN

150th Anniversary Weekend

Friday, October 19

11:00 a.m.	NTID Buildings Designation Ceremony (NTID Dorm Courtyard)
Noon-8:30 p.m.	Registration (College Alumni-Union)
1:00 p.m.	Campus Tours (Lobby—Administration Building)
3:30 p.m.	Alumni Sports Forum Jim McKay, ABC Sports "The Olympics" (Ingle Auditorium)
5 to 6 p.m.	"Together '79" Party (College Alumni-Union Cafeteria)
7:00 p.m.	Talisman Film "Harold and Maude" (Ingle Auditorium)
8:30 p.m.	"Bob Hope in Person" (Ice Arena)
10:00 p.m.	Talisman Film "Harold and Maude" (Ingle Auditorium)
10:30 p.m.-12:30 a.m.	"After the Show" Disco Party (College Alumni-Union Cafeteria)

Saturday, October 20

10:00 a.m.	150th Anniversary Scholarship Selection Program (Ingle Auditorium)
	Bus Tour of Old Campus and Downtown Rochester including lunch downtown (Leaves from Administration Bldg. Circle)
10:00 a.m.-Noon	Alumni/Faculty/Staff Competition 3-Mile Run, Tug-of-War Demonstrations-martial arts, juggling, horsehoes. (athletic fields)

(Continued on Page 26)

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ZODIAC

Coke Adds Life

(ZNS) In the wake of success of groups such as "Alcoholics Anonymous" and "Pot-Smokers Anonymous," A New York drug counselor has launched (what else but?) "Cocaine Anonymous."

John Burrell says he has organized a special treatment group for coke users after finding that thousands of people fear they are abusing the drug, yet have nowhere to turn.

Burrell says he does not believe that the use of cocaine is addictive, but adds that in his words "psychologically" it can be habit-forming and cause people a lot of trouble."

According to Burrell, the problems that arise from the excessive use of cocaine can be as simple as burning nostrils or as complex as complete psychological dependence.

Schmuck Perturbed

(ZNS) A man named Peter says the state of California is discriminating against him by refusing to issue him a personalized license plate bearing his last name.

Peter's last name is Schmuck, which happens to be an expletive in Yiddish. The word appears on a computerized list of foreign language words which state officials think might be offensive or insulting to other motorists.

Thousands of Californians have the personalized plates, paying \$25 for the privilege of identifying themselves on their automobiles.

Schmuck, who said he may bring legal action to uphold his name's good name, said he did not intend to read the plate in Yiddish.

Mercury Poisoning Again

(ZNS) Phonogram Incorporated and Mercury Records are coming out with two new albums that work backwards.

Instead of the needle being set at the edge and slowly moving inward as the record spins, the two new lp's do just the opposite. The needle is to be placed near the center of the disc, where most records end, and then it will play the tunes as the arm moves outward.

The records are titled "counter-revolutions in rock" and "counter-revolutions in R & B."

Fripp Hip

(ZNS) Guitarist Robert Fripp has caused a lot of music industry people to take notice of his unorthodox method of touring, following his recent concerts in the US and Canada.

Fripp played exclusively in 200-seat clubs and local record stores and claims he actually made money on the unusual tour—

a rarity, given the current state of the music industry.

Although the actual profits from Fripp's tour were not large, his record company was reportedly impressed with the results. He claims the record company expected his latest album "Exposure" to only sell 30,000 copies at most. Due largely to Fripp's personal contact with his fans and numerous free concerts in record stores, however, he sold more than 80,000 copies of "Exposure," and sales of the album are still up.

Fripp's "secret" is actually no secret at all. He told Zodiac News he "avoids rock star excesses" such as expensive hotels, limousines, and expensive press parties. Instead, Fripp says, he spends his tour money playing for free at record stores which he says sells more records and wins him many new fans.

Pope to Debut

(ZNS) Pope John Paul the Second may be making his American film debut soon.

The *Chicago Sun-Times* reports that comedians Dan Ackroyd and John Belushi, formerly of "Saturday Night Live" fame, had planned to "Train a Camera on the Pope" during his celebrated visit to the windy city.

The footage of the pope, according to the *Sun-Times*, will be included in scenes in the "Blues Brothers" movie now being filmed in Chicago.

Animal Magnetism

(ZNS) An Akron, Ohio, company is planning to cash in on the oriental custom of using magnets to relieve aches and pains.

The firm has started marketing what it calls "Acu-Dot," a package of small round adhesive bandages that contain magnetic patches.

The dots when put on sore muscles or joints, supposedly create a magnetic field that stimulates the flow of blood to the affected area, and also reduces "atmospheric pressure" on the outside of the body.

The magnetic patches will sell for \$5.95. It is unclear, however, whether you will also attract hair pins, coins, and other small metallic objects while under treatment.

Pot Boosts Economy

(ZNS) One of the leading economists in Hawaii has acknowledged somewhat reluctantly that marijuana cultivation and exportation are what he calls "a helluva factor" in that state's economy.

Police have estimated that pot is now Hawaii's largest crop. In a press conference, Thomas Hitch, a bank economist for First Hawaii Bank, told reporter's that Hawaii's

economy was very healthy and likely to stay that way for some time.

Asked if Hawaii's largest industry, the marijuana trade, had anything to do with that rosy economic picture, Hitch admitted the popular weed was a "helluva economic factor" in the state.

Hitch claimed he himself had no particular insight and "nothing to say" about the marijuana trade, except to admit he knows "there is a tremendous volume."

Police have estimated that in Hawaii County alone, up to \$750 million a year of pot are sold—or five times more than the revenue brought in each year from the tourist industry.

Jocks Strapped

(ZNS) Students at St. Ambrose College in Iowa may be surprised when they receive their yearbooks with part of a page cut out.

It all started when college administrators objected to a photo included in the yearbook which showed some 50 football players clad only in jockstraps.

The photo was printed under a heading urging readers to "back the bees—be an athletic supporter."

The St. Ambrose College President, however, determined the picture was "not in good taste" and ordered the photo removed from the book.

Yearbook editors had initially tried to delete the photo by using adhesive tissue to glue two pages together. After a small batch of the books was delivered to students, however, school administrators learned the students were unpeeling the adhesive to see the picture.

Now the photo is being handcut from each book before distribution.

Peeved on Peep

(ZNS) A Lincoln, Nebraska, landlord is being sued by a woman who alleges that he installed a peephole in the ceiling of a newly constructed shower in her apartment.

The woman's lawsuit describes the peephole as being of the "type most commonly found in the front doors of residences...which magnifies the view for the viewer."

The lawsuit says that when the woman phoned the landlord about her discovery, he "laughed uproariously...and found the entire incident to be extremely humorous." The shower is below an upstairs apartment rented by the landlord's brother and roommates.

The suit asks for a month's rent, attorney's fees and unspecified general damages for the anguish the woman says she suffered after she discovered the peephole.



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SCOREBOARD

Amerks Regroup

After last season's disastrous record of 26-42-12, the Rochester Americans are ready to begin their new season with a new coach, a new parent club and a host of new faces. Bill Inglis, out of the Buffalo Sabres organization, is the new coach. Inglis coached the Sabres in the final games of last season and his NHL experience should earn him the respect of his players. The Buffalo Sabres are the new parent club of the Amerks, replacing the Boston Bruins. The main complaint against the Bruins was they supplied little or no player help to the beleaguered Amerks last year. Amazingly enough, only three members of last year's team are returning to begin the new season. They are left-winger Daryl Drader (who scored 20 goals while playing every position except goalie), center Barry Smith (Amerk's MVP of last year), and winger Ron Garwasiuk.

Overall, the Amerks organization seems to feel they have improved every aspect of their game since last year. In the nets will be veteran Ed Walsh, who will be backed up by 22-year-old Randy Ireland. Walsh, who has only played in 53 games the last two years, has plenty of minor league experience behind him and was an AHL first team all star in '76 and '77. The Amerks are hoping he can regain the form that made him a three-time co-winner of the Hap Holmes award, signifying the lowest goals-against average in the league. Ireland was a product of the Chicago Blackhawks organization and was drafted by Buffalo when Chicago failed to sign him. He spent most of last year with the Hershey Bears where he posted a 4.59 goals-against average. He was more effective during the pre-season, and if all goes well he should see action in about 25-30 games, with Walsh appearing in about 50.

Rochester has completely revamped their outclassed and totally outplayed defensive corps of last season, adding several players with NHL experience behind them. Mike Boland spent 22 games and the entire playoffs with Buffalo last year. He accumulated 115 penalty minutes; he is not afraid to hit someone, making him a definite asset to this club. Bill Stewart spent all of last year in Buffalo with his main problem being his lack of scoring (one goal and 17 assists in 67 games). Jim Turkiewicz brings five seasons of WHA experience to the Amerks, missing only eight games during that span. The Peterborough native recorded 25 goals, 119 assists, 144 points and 234 penalty minutes during his WHA tour of duty. Other defenders include Mike Breen, Wayne Ramsey and pre-season leading scorer Jim Walsh.

According to Coach Inglis, there are "eight or nine guys capable of scoring 30

goals." If this holds true, Rochester will certainly have a balanced offensive attack. NHL veteran Andre Savard, who has never seen the minor leagues, and Jacques Richard (25 goals in 54 games with Hershey) are classy forwards, but they could be called up to Buffalo virtually at any time. Captain Ron Schock, Roc Garwasiuk, Barry Smith and Daryl Drader are all past 20-goal scorers, so the Amerks have a beefed up offense to go with a tough defense.

The Amerks have also added the all-time most-penalized hockey player, Mark Toffolo, who spent more minutes in the penalty box last season (557) than he did on the ice. Inglis hopes to use him as the team's enforcer. Most of the better hockey teams will always have a player in his mold on the roster.

The latest edition of the Hockey News calls the Amerks "the most improved team in the AHL." On paper this may look true, but it must also be proven on the ice.

—E. ROSENBAUM

Spikers Up Record

With a 4-2 week, the RIT Women's volleyball team upped its record to 7-5. The week included two four-team matches.

LeMoyne, Buffalo State, and Monroe Community College came to RIT on October 10. The Tigers played LeMoyne first, sweeping the match two games to none. The first game was a relatively easy 15-6 decision, and the second game appeared over when RIT took a 14-6 lead. LeMoyne fought back, however, and suddenly it was 14-14. The Tigers then regrouped to take the game and match, 16-14. Susan Fabi had three assists in the second contest.

Buffalo State was next, and RIT lost a tough match by scores of 13-15, 15-7, and 14-16. In the third and deciding game, the Tiger held an 11-6 edge, but couldn't keep it. In the final match of the night, RIT defeated MCC by scores of 15-2 and 17-15. Debi Hayles scored on four spikes in the second game, and Kathy Carroll had three assists.

On October 12, the Tigers faced Alfred, St. John Fisher, and Oswego at home. In the opening match against Alfred, the Tigers won the first game 15-9, with co-captains Fabi and Debby Salmon each scoring three aces and six points. The second game was a see-saw battle, with RIT prevailing by a 16-14 score. Hayles had five aces, and Salmon had seven points, including the last three.

Always-tough St. John Fisher was another story. Fisher, with superior height and spiking ability, won by 15-4 and 15-3. The Cardinals are now 18-0. Salmon scored three points in the first game.

Against Oswego, the Tigers played two tight games, coming out on top 18-16 and 15-12. In the first game, RIT had leads of 5-1

and 11-5, but Oswego fought back to take a 14-11 lead. On Salmon's serves, RIT made it 15-14. The game went to 15-15 and 16-16, with the serve changing many times, before the Tigers won it 18-16. Salmon also served the winning point.

On the season, the netters have played 31 games in 12 matches. Salmon takes leading scorer honors with 86 points, followed by Kathy Regan with 58 and Carroll with 52. Salmon leads in aces with 43, and Regan leads in spikes with 32. Fabi and Carroll are tied for the assist lead with 23.

The next home match is Monday, October 29 against Keuka. —R. FARBER

Tennis Splits Two

Men's tennis split in two matches last week, taking St. John Fisher 6-2 at home, then getting shut out of at U of R 9-0. This brings the fall slate down to one remaining match.

Against Fisher, the Tigers took all of the singles matches except one, with Dave Haas bowing 6-4, 2-6, 2-6. Jeff Wasserman had a strong comeback win after getting shut out in the opening set, 0-6, 6-4, 6-4. Jim Freimuth (6-2, 6-2), Paul Magsino (6-0, 4-6, 6-2), and Ric del Rosario (6-4, 6-1) all evened their records to 2-2 with singles wins. Glenn Gordon added a win in the sixth singles slot 6-7, 6-2, 6-2.

RIT split in the doubles, with one match getting cancelled due to darkness. The team of Haas and Freimuth fell to their second loss 3-6, 6-7 while Clarke and Shelp

had their first doubles win together 6-1, 7-6.

Everything went wrong at U of R last Thursday, with none of the matches going to the full three sets. Haas, Freimuth, Magsino, del Rosario and Gordon all lost their singles matches. The doubles contests were just as frustrating with RIT dropping all three.

The Tigers record now stands at 3-2 for the fall. They are guaranteed at least .500 percentage for the season.—E. ROSENBAUM

Harriers Take Tri-Meet

The Tiger harriers braved 40-degree temperatures and 40 mile-per-hour winds to defeat LeMoyne and the University of Buffalo in a tri-meet last Friday at Buffalo. RIT took UB by a score of 19-41 and against LeMoyne RIT came out on top 23-34.

Once again, it was RIT's Charlie Ellis leading the pack. Ellis took first place by a full six seconds, clocking in at 29:17 for the five and one-half mile course. Bob Perkins (29:37) and Tony Machulskis (29:37) took fourth and fifth places respectively.

Butch Anson took second place to Ellis, recording a time of 29:23 while Mike Ramsgard was the highest LeMoyne finisher with a time of 29:32. Ramsgard's time was good for a third place finish.

Other Tigers finishing in the top ten were Steve Lane (30:13), Bill Hunt (30:18) and Brian Nice (30:23), finishing eighth, ninth and tenth respectively. The Tiger record now stands at 9-1 for the season.

—E. ROSENBAUM



Houghton defeated the RIT booters 3-0 in Monday's soccer match.

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Milk Coffee



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*Sponsored by the
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TAB ADS

Addressers wanted immediately! Work at home—no experience necessary—excellent pay. Write American Service, 8350 Park Lane, Suite 127, Dallas, TX 75231. 10-19-P

MEN! — WOMEN! JOBS ON SHIPS! American. Foreign. No experience required. Excellent pay. Worldwide travel. Summer job or career. Send \$3.00 for information. SEAFAX, Dept. H-8 Box 2049, Port Angeles, Washington 98362. 10-26-P

CARROT CAKE Fresh, Homemade—just like mom's—just \$2.50 for 9x9" frosted cake. Call KLO at 424-1936 after 5:30 pm. 10-19-P

TLC DISTRIBUTORS, now offers the Rochester area low prices on name brand stereo components, calculators and much more. Call for quotes: 424-3208, Mon-Fri 5-10 p.m. 10-19-P

Mike, you devil you signed, 490

Dance for those who can't in the first R.I.T. CHARITY Dance-A-Thon for Muscular Dystrophy. November 2-3. Help us raise money and student awareness. 10-26

For Sale—must sell long sofa and loveseat and king size bed with frame—best offer!! Call 436-0189 or 334-7510. 10-19

NEED HELP?? Your student government offers Legal Aid Services! Legal consultation free of charge - available Monday and Thursday mornings, 9:15-11:30am. For an appointment, call x2203. 10-19

Major campus organization needs a logo. Contact Tom at 475-3500, or Denise 424-2885. 10-19

Colony Manor—Quiet, non-smoking female roommate needed. Call Kathy or Linda between 6 and 9 p.m. 424-3529. 10-19

Sky Sands, Magic, Juggling, Escapes and Fire Eating. Presented with non-stop wit and humor for any occasion. 334-9177. Appearing (and disappearing) upon request! 10-19

EISENHOWER STUDENTS—REPORTER still needs competent writers and photographers to cover the Eisenhower campus. Call (716) 475-2212 or Write Reporter, One Lomb Memorial Dr., Rochester, NY 14623. 10-19

ARE YOU AN OGOer? Have you been attending the Ongoing Orientation events? If not, you have been missing a great opportunity to take advantage of RIT's support services. Pick up a schedule at the CU desk! 10-19

HEY ALISON! Glad your here. I think we're going to have a great weekend. L.Y. Kev.

NRH STAFF. Thanks for the memories, hope there'll be more. Were number 1! Bobster

To E.H. Thanks for the good time. You guys are the best. Bob

Porky. Knowing that you are always here to understand and accept me, helps me get along in the confused world. If every person had someone just like you, the world would be a nicer place. I love you—your Little Sneaker. 10-19

Come on in the water(bed)'s fine.

Hey guys loose a roommate? I found one.

Riders wanted to Northern New Jersey. Leave Nov. 21st return Nov. 25th share costs. Call Mary x6847 daily. 10-26

FREE KITTEN TO A GOOD HOME. 3 mo. old fuzzy grey w. white paws. Call x6847 during the day. 10-26

GAMMA EPSILON TAU is sponsoring a School of Printing OPEN HOUSE. To be held on the first floor of the Gannett Building, on Saturday, October 20th from 2-5pm. 10-19

POPCORN. The Arties of Gibson E have a popcorn popper for your party. Just \$10- a night. Call Artie x4131-2-3. 10-26

1973 Vega good winter rat, new clutch brakes, battery, runs good, \$100/BO x4377. 10-26

FALLOUT: We'd like to have some of those photo you got of fallout. Call 2972 and leave a message. 10-26

FOR SALE: 19" Sylvania Color TV. Needs minor repair. \$15 Call 424-2140. 10-26

American Airlines Half Price Coupon \$65. Call Paul x3945. 10-19

Interested in playing Diplomacy by mail? If so, contact John Daly, 938 Fairmont Ave., Salisbury, North Carolina 28144. 10-26

Catholic Mass Schedule: Saturday 4:30pm in Kate Gleason North Lounge; Sunday 10:30 am in Ingle Auditorium; Daily: Monday, Tuesday, Thursday, Friday-5:10pm Kate Gleason North Lounge; Tuesday, Wednesday, Thursday-12 noon in the Chaplains Office. Holy Days: 12:00 noon in the 1829 Room of the College Union and 5:10pm in Kate Gleason. 11-16

Route 490 in Texas is the place to be! They have great dog photos, and the floor is not too hard.

For Sale: American Airlines Half-fare coupon, \$50.00 call x4563, ask for Mike. 10-19

Build your own first-year Camaro. Partially disassembled 1967 Camaro w/all parts and some extras. Fair to good condition waiting for motivated person to finish it to suit their tastes. \$250.00. Gary 328-6546 nites. 10-19

Club 201 is now accepting applications for live-in housekeepers/mistresses. Inquire at the club. Phone 424-1685. Many benefits! 10-19

Feeling Bad? Cold Care Center—learn how to take care of your cold quickly. NRH Dorm-first floor-EMT's office. Mon.-Fri. 4:30-11:30pm. 10-19

TRAVEL CHEAP! The best offer will get a 1/2 fare coupon from American Airlines. Call Bob at RHA x6655 10-19

Position now open for Business and Finance Director. Applications available to independent residents in the RHA office. Small salary included. 10-19

Bohn-oo: For your birthday I'll let you borrow my luhna-proooooo. So suck eggs in petrified wood gardens. 10-19

Thanks for the help, Mike R. — B.S. 10-19

Tully—It really doesn't matter much to me. The best times are timeless, you'll see—Mr. Bill 10-19

For Sale: Kodak Pocket Instamatic 60 camera. Top of the line model of the original Kodak Pocket series. Electronic shutter 26mm f/2.7 glass Ektar lens. \$35. Call Curt 475-3577. 10-26

NRH 5th Floor Presents: The Happy Hour 3 Friday Oct. 19, 4-8pm. Foosball, Music and Munchies. Shots-50¢, Beer 35¢, 3/\$1. 10-19

(continued from Page 12)

Rose: I mentioned a couple of times in various areas, I foresee one of the challenges to be resisting the temptation to become a more traditional institution. I define traditional as an institution where we seek our measure of excellence, if you will, as acceptance by our peers, by other educational institutions or by other educators. That's a problem as I foresee it, and it's one that I would like to work very hard to keep the character of RIT much as it is where we try to be innovative and responsive to what we perceive as needs. Many times that is not an accepted practice in the rest of academia. That will be an on-going challenge.

REPORTER: Are you resisting the temptation to formulate and adhere to any long-term plans?

Rose: I've examined planning here and I've read "Decade of the 80's," which is a master plan I'm sure you're familiar with. I can find a fault with it, it's like any other master plan, it's really speaking to trends rather than to specific statistics. We are going to be developing a three-part planning process. I mentioned some longitudinal studies of graduates better forecasting, or attempted forecasting of our manpower needs. Feeding that back, that's an influence, a formal planning, that will influence program development, change. We're going to be looking at probably an on-going dynamic planning method for five years. Where we'd

SIT ON THEM: Green Herculon sofa \$60, vinyl rocker \$40. Call 442-8095. 10-19

Help Wanted: Babysitter for 3 1/2 and 1 1/2 yr old girls at Rivernoll Apt. Part-time days now working to full-time in near future. Call Helen at 424-1559. 10-26

Two Cameras 4 Sale: Mamiya/Sekor DSX 1000 \$150.00 and Graphlex 4x5 large format w/ 1 Box of film, 8 film holders and developing tank—\$100. Must sell going to Jail—Mike 334-9177. 10-19

DARKROOM FOR SALE: Omega enlarger, print dryer, tanks, etc. Must sell going to jail, please call Mike 334-9177. 10-19

STEREO CASSETTE DECK FOR SALE, Dual V.U meters, noise reduction, must sell going to jail, \$75.00 please call Mike 334-9177. 10-26

American half-price coupon \$40. Yo-ha for less. Call Scott 424-2592 after 6 pm. 10-26

Bake Sale: Horton Child Care Center, October 30, 9-3pm in College Union. Miss Piggie Raffle. 10-26

For Sale: 2 BR78-13 steel radial snows. Brand new (less than 50 miles). Both for \$75.00. 475-3325. 10-26

Eric—Don't laugh. Your ex-roommate. 10-19

Female Roommate wanted for Winter Quarter Manor Townhouse. Own bedroom. Call 475-1567. 10-26

To the best beach parties! Good luck in the future "Roch E" John. 10-19

Nikkor-200mm F/4 AI lens. It's in great shape and only \$200. Call Mike 424-2269 nights and 475-2214 days. 10-26

Mandolin picker looking for Banjo, Guitar, BAss etc. To form bluegrass band or just do some pickin' and grinnin' call 442-6916 ask for Hooves. 10-26

490, Thanks for a Great time. The dog pictures turned out great!!!

FOR SALE: Good Year 15" radial snow tires with wheels Hyde Super Blue hockey skates, size 9. Call 475-1733. 10-26

NRH-6—The paint looks great!! Thanks to everyone who helped—you did a super job!! Love ya!! DD 10-19

start as our baseline the current year, and then project years one, two, three, four, five, on a matrix design where we accept the fact that year five is a bandwidth for error, where next year ought to be fairly tight. Each year then, we're moving ahead a year, but it's a dynamic model. We are going to be implementing a system much as I described. Several values, I might add, and one is that we're able to communicate with, to ourselves about what the plans are for various components. And secondly, I think even though we can predict inflation with great accuracy at least we have to have some predicted number there that we predicate our plans on.

The dynamic nature of it is that it could change very rapidly. I don't see us writing a plan for the next five years with any expectation of adhering to it. Next year's budget reflects next year's planning, in a sense. I would like to see a little more narrative development of the budget. But other than that, that's how we plan to handle planning.

REPORTER: How is RIT's economic foundation at this point?

Rose: Economically, as an institution, our economy is in good shape. I mentioned another time, not excellent, but good. I suppose that's a two-way comparison. If you compare it to the typical institution we may be closer to excellent. If you compare to

(continued on page 29)

REPRODEPTH

Jones Symposium Features Estabrook on Chemicals, Cancer.



Dr. Ronald Estabrook on "The Environmental Aspects of Cancer."

Dr. Ronald W. Estabrook, professor and chairman of the department of Biochemistry at the University of Texas Health Science Center at Dallas, told an Institute Forum audience our best defenses against carcinogens, cancer causing agents, include moderation, use of caution, dietary modification, and a possible change in cooking habits. A panel of five experts addressed "The Impact of Environmental Carcinogens on Society" as the second Institute Forum series presentation of "Technology and Values" in conjunction with the John Wiley Jones Symposium.

Experts composing the evening panel discussion of sources, testing, chemistry, biology, and government regulation of carcinogens included Dr. Estabrook, and internationally recognized authority on the biochemical mechanisms of activation and detoxification of drugs and toxic compounds; Dr. Jessie M Norris, Associate Scientist, Dow Chemical Corporation; Dr. Francis L. Scott, director of Chemical Research, Pharmaceutical division, Penwalt Corporation; Dr. Robert G. Tardiff, executive director, Board of Toxicology and Environmental Health Hazards, National Academy of Sciences; and Dr. Joseph Highland, Environmental Defense Fund, Washington DC.

Today, one out of four people will get cancer, says Dr. Estabrook. According to Dr. Estabrook scientific opinion estimates one-half of all cancers present are diet related. Environmental Protection Agency officials have discovered over 700 contaminants in this year's nationwide water survey findings, many of which are suspected carcinogens, said Dr. Estabrook.

Dr. Norris, who has conducted toxicological research with laboratory rodents

over twelve years, explains, "Cancer is not just one disease, it's many diseases; and the aging process is itself one of the limiting factors...as we age our susceptibility changes, so cancer is actually a disease of the aging process."

Dr. Estabrook and Dr. Norris have each studied metabolic transformation of carcinogens through biochemistry, toxicology, and other related scientific fields. Many of the tests exploring carcinogens involve the use of rodents such as rats or mice inoculated with "maximum tolerated doses" (MTD's) of various chemicals. Through the use of MTD's, the animal subject becomes increasingly sensitized, and is subsequently studied in an attempt at understanding his mechanisms of metabolic action. These actions, as they apply to the animal model, are applied to man in later stages for relative data.

Dr. Estabrook stated his primary interest as a biochemist was with "the requisite enzyme systems present in many cells that are involved in the oxidative transformation of a whole vast array of complex chemicals called 'xenobiotics' (zeno meaning foreign)." Dr. Estabrook explains our enzyme systems have the capacity to detoxify certain foreign chemicals entering the body, but others can be transformed into "highly toxic and reactive products to cause cancer-causing agents."

The double principle described by Dr. Estabrook accounts for the danger present when two compatible chemical elements merge to form one potentially dangerous carcinogenic product. Thus, metabolic processes in our individual bodies are most difficult to monitor, unless we have definite knowledge of what we are exposed to, said Dr. Estabrook.

In describing some sources of carcinogenic elements, Dr. Tardiff mentioned the recent discovery of nitrosamines in various samples of beer, bacon fat, and processes involving barbecue cooking or broiling. Cigarette smoking was defined as one of the most risky sources leading to carcinogenic ingestion.

Toward the end of the panel discussion, a slight difference of opinion arose between Dr. Estabrook and Dr. Highland. Dr. Highland, who took an environmental standpoint, described our generation as a "synthetic storehouse of synthetic residues produced during an industrial age." He cited a "grossly inadequate response from government regulation" as well as poor levels of industrial testing, and falsification of testing data.

Dr. Estabrook, in response to that stand, stated "I would rather expand the science base to deal with these problems on a different base."

Concurrently, all members advocated careful testing of new chemicals. Dr. Estabrook said he hoped someday we can use the knowledge of metabolic transformation with enzymes and apply it to our own benefit.

—C. HINDS

Black Group Demands Position

The major issue in last week's meeting of the Student Life Advisory Board (SLAB) was the matter of creating a director of Minority Affairs in the new student government. The idea was first brought up to SLAB by the Black Awareness Coordinating Committee (BACC) during elections for the new government held last month.

Mr. Al Thomas, BACC's representative to SLAB, said the matter is one of representation. "We know we are not represented. Someone who knows and understands our concerns can best represent us in the new student government," he stated.

Mr. John Scorsine, acting financial director for student government funds, remarked creating a position for representation of one small, specific group would "open up a hornet's nest for other organizations who would demand a position on the board." He recommended that representation of minorities be specifically delegated as one of the duties of the director of Campus Affairs. Mr. Thomas argued indirect representation hasn't worked in the past.

Ms. Diane Cullinan, president of Commuter Association (CA) and a SLAB member, urged BACC to give the new government a chance. "Don't judge the new government by the past one before it even

gets started," she said. She added the planned 'vote of confidence' election scheduled for the spring will give students the chance to let their feelings about the new government be known.

SLAB member Mr. Mike Bloch mentioned the fact that black students can apply for currently existing directorships. Mr. Thomas responded, "We have no power because we don't have a vote. We don't want to interact with the government; we want to be a part of it. The new government is efficient, but let's face it, it isn't representative. Black commuters, residents, and Greeks are not represented."

Ms. Cullinan reacted strongly to this last statement, saying, "If a black commuter comes to CA with a problem, CA will work to help out. A person is a commuter first, and black, yellow, white or whatever second."

Said Mr. Thomas, "It is obvious there are cultural differences between our two peoples. Anyone who is not one of us can not understand, no matter how many lectures, courses, or seminars that person has attended." Ms. Robin Lavergne, a member of BACC present, added "We want this office. If we don't get it now, we'll get it in the spring."

Before the vote was taken, Mr. Thomas added one last comment. "We know you think we are represented in this government, we say we are not. I don't care how liberal you are or what your background is. There is no way any black student on campus will consider you to be our peers. You are not our peers."

"We are a minority in population. We are effectively ruled out, cancelled. This is what is referred to as institutional racism, intentional or not. This is what we work against."

Mr. Bloch, who was chairing the meeting, finally called for the vote on the matter of "creating a position of director of Black Affairs." The proposal was defeated, 5-1. Mr. Thomas cast the only in favor.

Mr. Bloch announced, as of last Friday, seven people had applied for four positions in the government. The directors will be selected in an interview process. SLAB hopes to have the new government installed by the end of the current quarter. —G. BENNETT

Eisenhower Forum Answers Questions

Eisenhower's Delavan Little Theatre was nearly full as students, faculty, and administration waited for the open Forum on the Academic Planning Project for Eisenhower College (APPEC) to begin. Dr. Todd Bullard was the mediator of the Forum, while Dr. Donald Eilenstire, Dr.

David Murdoch, Dr. Sandra Saari, and Dr. Thomas Plough sat on the panel which fielded questions and rebutted comments.

The meeting opened with Dr. Bullard and Dr. Plough saying they were here to listen to students of Eisenhower. Their opinions and feelings would be considered, they said. Dr. Bullard reminded the audience that this was just a proposal, and has not been approved yet.

The APPEC proposal states Eisenhower College will be a four year "unit" of RIT, with a "career focus" center on the liberal arts. Dr. Plough went on to say Eisenhower should have "relative autonomy" for the "special unit." He also thought the school should get back in touch with liberal arts—at least the roots of the liberal arts, and "in tune with career outcomes."

Two other points were brought up: RIT was projecting an increase of the student body to 900 full-time equivalency students, and the student to faculty ratio would become approximately one to twenty, up from one to twelve. The floor was then opened for questions and comments.

Many students at the Forum were well prepared to speak. Most had read part or all of the APPEC proposal. Mr. Walter Johnson took the podium and made several points which pleased the student body. He said, "It seems the committee is going on the basis that World Studies and rhetoric equals the liberal arts." And that instead of being liberal arts we were now offering travel management "which looks like something you would read about on a matchbook cover."

Dr. Eilenstire defended the proposal by stating the committee did feel liberal arts were more than World Studies and rhetoric. There would still be some music, art, philosophy, history, etc.—evidenced by the fact this would still be a liberal arts-based college.

The question of implementation of the proposal and its effects on the current student population was brought up next. Dr. Bullard answered these questions by saying the proposal could not be implemented before April; after that it may be a gradual phasing in process. As to how this would affect the current students, he said there was no guarantee students could finish out the program they started here, but everything feasible would be done for the students. This brought an outcry from the student who remembered RIT President M. Richard Rose's guarantee last spring that everyone enrolled could complete their course of study. Dr. Bullard said he knew nothing of the promise.

'Career focus' was a great source of contention. Many students did not feel it was necessary to declare a planned career at the end of their sophomore year. Many

believed people who study the liberal arts "study it for the pure love of learning."

Economic feasibility was the biggest issue of the day, however. Dr. Bullard's definition of economic feasibility is "we have to pay our bills." However, most students disagree this is a good definition, saying placing a price tag on education does not seem fair.

Ms. Susan Phillips summed up the students' feelings with this speech:

"Could you please define for me the value of liberal arts within economic feasibility? When I first came to this school, the reason I came was because it offered something unique in education. It didn't emphasize that education necessarily had to have a direct career implementation; that education for its own sake was valuable and knowledge of things that cannot be applied readily today still had some use... that in (sic) a school a program could be stressed that made people strive for what could be some higher ideal, without economic feasibility being tagged and empirical data and analysis in determining whether anything would be valuable at any particular moment. That's why I came to this school."

"RIT, for instance, last year, I think made a very wise decision. They bought a unique school with a unique program. And there are so many other community colleges that offer programs in any kind of career you want, any kind of technical things that'd guarantee you a job when you came out. But there needs to be a few institutions that hold out, that don't go with the trends right now and change everything (to be) career-oriented. It would be very wise for RIT to hold some thing that is a unique program, that emphasizes the philosophies and humanities and social sciences in and of that they have value and not to wash it out."

"I'll be 21 when I graduate and I don't have to have every career decision made by the time I'm 21. I have 60 years after that when I can work. I need these four years to spend some time getting an education in something that will benefit me as an individual and not my lifetime career plans."

Judging from the enthusiastic applause following this speech it would seem the students and some of the faculty agreed with her.

While nothing was resolved because there are no definite answers yet, people were able to vent their frustrations about the issue; there is still a great deal of confusion surrounding the merger.

In conversation after the meeting it seemed most students do not object to the merger, but to a total reorganization.

As long as new programs are implemented slowly and no one's program is jeopardized, things may work out. There are

(continued)

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several people talking of transferring but there are a lot more who are willing to stay and see what happen. —L. GOODWIN

Art-Science Symposiums Planned

A new program called "Art-Science Interactions" will enable those interested to explore relations between art and science.

The program, co-sponsored by the College of Science, the College of Fine and Applied Arts, and a Complementary Education grant, is actually a group of students and faculty meeting on a regular basis to discuss their views on a topic or perhaps their work on a particular project.

Organized a year ago primarily through the efforts of Mr. Franklyn K. Schwaneflugel of the Physics Department and Mr. Philip W. Bornarth of the College of Fine and Applied Arts, Art-Science Interactions has recently obtained grants from its sponsors to hold a series of Speaker Symposiums, each featuring a well-known scientist and/or artist.

The first of these symposiums was held in March, featuring Mr. Andrew Davidhazy speaking on "Space-Time Relationships in Photography". Artist Ruth Leavitt of SUNY at Buffalo and Scientist Ron Baecker of the University of Toronto will present the second such seminar on "The Use of the Computer in Art", on Tuesday, October 30.

While declining to give an exact dollar figure for the amounts of the grants, Mr. Schwaneflugel said the monies were "adequate enough to bring in about a half-dozen locally- or internationally-know speakers at the rate of about one a quarter."

Art-Science Interactions has tentatively planned the topics to be covered this year through the seminars. Among these are "Sculptural Work with Light as the Medium", "Pattern and Color Perception", "The Influence of Modern Science on Art and Design Theory", and "Musical Instruments and Acoustics".

According to Mr. Bornarth, RIT is the perfect place for a program like Art-Science Interactions to develop. "The variety of colleges here—like Science, Engineering, Photography, and Fine Arts—provides a great resource," he says. Here, artists and craftsmen are introduced to more sophisticated methods of design through technology. On the other hand, scientists are exposed to art in their work as well.

As Mr. Bornarth says, "It's quite open. Project work is not necessary. We just want people to come in and share their views."

—S. KOTKIEWICZ

150th Anniversary Weekend (continued from page 17)

10:00 a.m.	"RIT Roots" (Archives Reception Poolside Lounge)
11:00 a.m.	"RIT Roots" (Archives Program Ingle Auditorium)
11:30 a.m.	Food Administration Reunion Brunch (NTID Dining Commons)
11:30 a.m.	Open Lunch (RITskeller, Grace Watson, etc.) Alumni Reunion Lunch (Invitation Only)
1:00 p.m.	Varsity Soccer with St. John Fisher
1:30 p.m.	Alumni Awards Ceremony, Remarks, President M. Richard Rose (Ingle Auditorium)
	Alumni Awards Reception Immediately following (Poolside Lounge)
2:00 p.m.	Men's Varsity Tennis with Niagara University
2:00 p.m.	Cross Country meet with Niagara University
3:00 p.m.	Sunshine & Co. (NTID Theatre)
2 to 5 p.m.	Alumni/Student/Staff Competition, (six mile run) Bus Tour of Old Campus and Downtown Rochester (Leaves from Administration Bldg. Circle)
6:00 p.m.	President's Reception (Poolside Lounge)
7:00 p.m.	Buffet Diner, International Buffet (College Alumni-Union Cafeteria)
7:00 p.m.	Talisman Film "Harry and Tonto" (Ingle Auditorium)
8:30 p.m.	Sunshine & Co. (NTID Theatre)
8:30 p.m.	"Kenny Loggins in Concert with Special Guest" (Ice Arena)
9:00 p.m.	Dancing at Poolside (Cash Bar)
10:00 p.m.	Talisman Film "Harry and Tonto" (Ingle Auditorium)

Sunday, October 21

10:30 a.m.	Catholic and Protestant Religious Services (College Alumni-Union)
2:00 p.m.	Receptions (Art/Photo)
7:30 p.m.	Talisman Film "The Rain People" (Ingle Auditorium)

Note:

- Art, and Photo shows will be open throughout the weekend.
- All athletic facilities will be open.
- Hospitality Rooms should be available in each college.
- There will be a general hospitality room for all visitors (registration, notices, information, etc.) 1829 Room—College-Alumni Union.
- There will be archive displays in the Wallace Memorial Library (2nd Floor galleries), Fri. Noon-4:30 p.m.; Sat. and Sun., 1-4 p.m.
- Campus tours will be available hourly from 9-4 p.m.

C.A.B. Is Proud To Present

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In Concert

with Special Guest
Sniff 'N' The Tears



Oct. 20th
8:30 p.m.
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Talisman Presents

October 19

Harold & Maude

7:30 and 10 PM

Midnite Special

Return of the Dragon

October 20

Harry & Tonto

7:30 and 10 PM

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Half Price off Admission with RIT I.D.



SKI CLUB

Organizational Meeting

October 22

7:30 PM
1829 Room
College Union

RIT Students, Faculty, and Staff Welcome !

SEE YOU THERE !!

(continued from page 28)

creased to the point that students decided they had to arm themselves. The school administration urged strongly against that. Keep out of trouble, run if you are attacked women, don't go out alone, keep away from the gym at night. A local paper showed a picture of a bullet hole in the gymnasium wall. One intruder, breaking into a men's dorm for a second time, was chased by two students, and when he didn't stop was shot to death. Yet the Institute worked with city and neighborhood leaders devising special educational programs and summer activities for youngsters in the area. How successful these were may be measured, to some extent, by the fact that during the Rochester riots of 1964, which swirled around the Institute, not a window was broken. The glass doors of the library which opened onto Spring Street were untouched.

Another factor was money. Land in the Third Ward was priced then at \$30,000 an acre.

Yet life downtown was not all grim. There was an excitement to the center of the city. Many students enjoyed the neighborhood; most art students and photographers did not want to leave. Fraternity houses and sorority houses in carefully restored Third Ward homes were a picturesque delight. Spring Weekend, with its floats and tableaux and elaborate exhibits was tremendously enjoyable despite inevitable rain. Who remembers Z2, the top secret student hydrogen balloon which got caught on the spire of the First Presbyterian Church and tied up the 5 p.m. traffic?

The new campus and the seventies

The move to the new campus in Henrietta was the culmination of Mark Ellingson's career as president. Looking back it seems an economically rash, even foolhardy thing to have done. The Middle States Association report of 1969 notes that the Institute, which for 30 years prided itself on not being in debt for anything, had probably the largest indebtedness of any private university or college in the nation, \$50 million.

Without the new campus, however, it is inconceivable that the Institute would have grown as it has in the 70s. It was, for example, an important reason, along with the Institute's reputation, why the National Advisory Groups decided that R.I.T. was the place where the National Technical Institute for the Deaf should be established.

The planning, building, and move to the new campus put strains on the Institute which no one could have foreseen. These came to a head soon after Dr. Paul Miller succeeded Dr. Ellingson as the sixth Institute President in 1969. The new president's most harrowing experience was with students in the dorms. Downtown the dorms were not all that great, but they were

livable, they could be made comfortable, there was a community. The new dorms were not livable or comfortable, there was no community. Angry students reacted with rampaging vandalism. The President found himself totally involved in this. On one occasion he had to personally supervise the repair of a window, (this in winter), to prove to the students the Institute cared. He had to accompany the maintenance men because they were afraid that the students would attack them if they entered the dorms to make repairs.

The financial structures of the Institute which worked with outstanding success for three decades blew apart in the new situation. Operating deficits began to run into the millions. Some members of the Rochester business community expressed doubts about the Institute's future.

Educational programs were also affected, and so much time was spent by faculty and staff on the move that essential academic planning was neglected.

Added to this, with a chilling slowdown of the higher education boom, students were no longer clamoring to enter college, and when they got there they were more critical. The Institute found itself confronted with unexpectedly high attrition and lower-than-anticipated enrollments.

These problems were aggravated by a sharpening national debate about the Vietnam war. It was R.I.T. students among a minority who supported the war who turned in the faculty member and students responsible for the biting satirical photo essay in the R.I.T. REPORTER, *Wonder Woman meets G.I. Joe*. Allegedly the essay desecrated the American flag. The case dragged through the courts for three years before it was dismissed. The invasion of Cambodia and the killings at Kent State and Jackson State touched off student riots across the nation. R.I.T. was caught up in that anguished experience and was stirred more profoundly than at any other time in its history. Those who were there can remember the emotion on campus as the Policy Committee debated whether or not to cancel classes while students assembled in growing numbers, chanting and shouting as they waited for the result.

Despite the turbulence and anxiety of that period the Institute has moved ahead. The number of students has almost doubled in ten years; almost half the programs offered now were not offered ten years ago. The Institute's finances were brought under control and have remained so. Extensive planning for the 70s has merged into planning for the 80s.

The Institute has tried to do two things well: provide a good education, and deal with its students as individuals. In R.I.T. terms education has never been only

technical or professional, it has always involved the larger context of what are called the humanities. Its concern for students includes the classroom, good teaching comes first, and the general quality of student life. The effort to do that has been a corporate one and has involved many women and men for whom the Institute was, to a considerable extent, their lives. Looking at the record this is true not only of presidents and faculty, alumni and friends, but of secretaries, accountants, of people who swept the hallways, who looked after the grounds.

1979

Dr. Miller stepped down on January 1st, 1979 and was succeeded by Dr. M. Richard Rose, president of Alfred. Nineteen seventy-nine is the Institute's 150th year. The men who met in the Reynolds Arcade a hundred and fifty years ago could scarcely have imagined that. What do we imagine in 1979?

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what I consider our potential, then it's good. I think we could be a much stronger institution given better development. When we turn our attention off capital campaigns and on to on-going development as more and more alumni choose to support the institution and we have more and more alumni (who) will help. I don't see research as being a bonanza, but I do think it's a form of service that will stimulate additional support in the corporate sector.

REPORTER: Do you see, maybe, a return to more traditional values and possibly a less permissive society?

Rose: I think we're going to see a change in value systems. I'm not so sure that the new value systems are going to be reflective of the value systems of the past, necessarily. I think there's going to be a more exacting measurement probably made by most individuals—they're going to be more conscious of trying to develop a value system they have personal comfort with, and I think there's a lot of people searching for that. I'm not sure the aggregate of those value systems are going to necessarily reflect the value systems of 10-15-20 years ago. I don't think that is a negative judgement at all, it could very well be positive. I think there's a tolerance today that didn't exist, a healthy tolerance. I think many people are returning to seeking a value support system from organized religion and not being apologetic about it. That wasn't the case 10-15 years ago; you may have had that inclination but didn't feel comfortable, they felt somehow censured by their peers. I think people are willing to talk about values and what they perceive as right and wrong much more openly. I think it's a part of your learning.

WHAT'S HAPPENING

Friday, October 19

FILM—Talisman presents **Harold and Maude** at 7:30 & 10pm in Ingle Auditorium, \$1 pre-sale, \$1.50 at door.

Talisman presents **Return of the Dragon** at 12:00 midnight in Ingle Auditorium, \$1 pre-sale, \$1.50 at door. Captioned Film Series: **Hercules Unchained** at 7pm in GS Room A205, FREE.

Oh God at the University of Rochester's Hubbel Auditorium at 7:15 & 9:15 pm. Call 275-5911.

"New Yorker Films: A Tribute" series at the Dryden Theater, George Eastman House, 900 East Avenue, features 2 or 3 Things I Know About Her (1967) and Our Cities, Our Right (1975), 8pm, \$1 students. Call 271-3361, ext. 216.

MUSIC—WTR 89.7 FM presents "Friday Night Filet" featuring Charlie Daniels at 11pm.

Rochester Philharmonic Orchestra presents **Wild World of Sports** at 8:30pm in the Dome Arena. Call 454-7091.

DRAMA/DANCE—The Tower Fine Arts Theatre presents **Arsenic and Old Lace**, a popular comedy of bizarre goings-on, will be presented at SUNY College at Brockport at 8pm, \$2 students. Call 395-2487.

Poetry—The Rochester Poetry Society and friends will present six local poets in a dialogue of locally written poetry at 8pm in the Christ Church, 141 East Avenue, \$3 admission. Call 442-0507.

LECTURES, SEMINARS & WORKSHOPS—The exciting West Coast comedy team, **Kite Tail Mime**, will perform at the MIME Workshop, 50 Chestnut Plaza at 8pm, \$3.50 admission. Call 232-7574.

Errol Jackson will present a lecture entitled **Twenty Years Photographer to Henry Moore** at 7pm in the George Eastman House, 900 East Avenue, \$7.50 admission.

Town Historian Audrey Johnson will present a free hour lecture on Pittsford's past: **The Hicks and McCarthy Saga** at 7:30pm on the main floor of the Pittsford Library.

PARTIES—NRH 5th Floor presents **The Happy Hour** from 4-8pm featuring foosball, music and munchies.

SPORTS—Hockey at the War Memorial, Amerks vs. Binghamton at 8pm. Call 546-5700.

OTHER—150th Anniversary Celebration Events are listed in the REPROVIEW section of the REPORTER.

Saturday, October 20

FILM—Talisman presents **Harry and Tonto** at 7:30 & 10pm in Ingle Auditorium, \$1 pre-sale, \$1.50 at door. The Munchkin Matinee will be **Pippi Longstocking** at 2pm in Ingle Auditorium, \$5.00.

Captioned Film Series: **Breakheart Pass** at 7pm in GS Room A205, FREE.

MUSIC—WTR 89.7 FM presents "Reggae Sound"—various Reggae music from Jamaica, England, and current popular artists, with Denise Dorb at 12 noon; and "Something Old" with Crosby, Stills, Nash & Young's album **Deja Vu** at 3pm.

Rochester Philharmonic Orchestra presents **Wide World of Sports** at 8:30 in the Dome Arena. Call 454-7091.

Jethro Tull in concert at 8pm in the War Memorial. Call 546-5700.

DRAMA/DANCE—The Tower Fine Arts Theatre presents **Arsenic and Old Lace**, a popular comedy of bizarre goings-on, will be presented at SUNY College at Brockport at 8pm, \$2 students. Call 395-2487.

LECTURES, SEMINARS & WORKSHOPS—The exciting West Coast comedy team, **Kite Tail Mime**, will perform at the MIME Workshop, 50 Chestnut Plaza at 8pm, \$3.50 general admission. Call 232-7574.

OTHER—150th Anniversary Celebration Events are listed in the REPROVIEW section of the REPORTER.

OPEN HOUSE at The School of Printing (Gannett Building, 1st Floor) from 2-5pm with guided tours, printing demonstrations and refreshments. Open to the public.

RIT SPORTS AT HOME—Soccer vs. Fisher, Cross Country and Men's Tennis vs. Niagara at 1pm.

Sunday, October 21

FILM—Talisman presents **The Rain People** in Ingle Auditorium at 7:30pm, \$1 pre-sale, \$1.50 at door.

Sunflower starring Sophia Loren, 7pm in room A-14 of the Nazareth Arts Center, 4245 East Avenue, \$1 admission. Call 586-2525.

India Movie in Webb Auditorium at 2pm.

MUSIC—WTR 89.7 FM presents "The Classic Touch" with host Randy Martens, 10am; "Room for Pickin'"—the best in recorded live and bluegrass with host Kathy Plunket, 1pm; "Bluesspectrum"—four hours of a variety of blues from country to modern day with Jim McGrath, 4pm; "Sunday Night Live" featuring Joe Beard's Blues Union, 8pm; "Late Night Jazz" at 11pm.

Sunday Afternoon at Nazareth-Ragtime in the Afternoon with Gale Foehner on piano. Main Auditorium, Nazareth Arts Center, 3pm, FREE.

Students of the Eastman School of Music will perform at the Memorial Art Gallery, 490 University Avenue, at 3pm. FREE.

An evening with **Shawn Phillips**, concert at 8pm at the Triangle Theatre, 155 North Street, \$6.50 & \$7.50 admission. Call 546-5161.

Free concert every Sunday featuring local Rochester Bands. Open to everyone and sponsored by WTR. Today's Concert features **Joe Beard's Blues Union**.

ART—Bevier Gallery Reception, 150th Anniversary Show, 2-5pm.

CLUBS—The Wargaming Society of RIT meets every Sunday at 12:00 noon in the College Union Mezzanine.

SPORTS—Hockey at the War Memorial, Amerks vs. New Brunswick at 7:30pm. Call 546-5700.

OTHER—150th Anniversary Celebration Events are listed in the REPROVIEW section of the REPORTER.

JSC—Hillel Sports Day on the RIT athletic fields at 2pm.

Monday, October 22

FILM—"New Yorker Films: A Tribute" series at the Dryden Theater, George Eastman House, 900 East Avenue, features **Happiness** (1935) and **The Train Rolls On** (1971), 8pm, \$1 students. Call 271-3361, ext. 216.

MUSIC—WTR 89.7 FM presents "Something New"—a brand new release played in its entirety, 10pm; and "Late Night Jazz"—a wide range of Jazz from the old to the latest releases, 11pm.

MEETINGS—Inter-Varsity Christian Fellowship in the Cube Room, 1st floor of KGH.

Tuesday, October 23

FILM—"New Yorker Films: A Tribute" series at the Dryden Theater, George Eastman House, 900 East Avenue, features **Barravento** (1962) and **How Tasty Was By Little Frenchman** (1971), 8pm, \$1 students. Call 271-3361, ext. 216.

Classic Film Series: **Love Happy** starring Marilyn Monroe in her screen debut, 2 & 8pm in Eisenhart Auditorium of the Rochester Museum and Science Center, 657 East Avenue, FREE with general museum admission.

MUSIC—WTR 89.7 FM presents "Something New" at 10pm and "Late Night Jazz" at 11pm.

Vocalist **Bonnie Raitt** in concert with special guest **Steve Forbert** at 8pm in Eastman Theater, Main and Gibbs Street, \$7.50 & \$8.50 admission.

LECTURES, SEMINARS & WORKSHOPS—an archeological lecture featuring "the relationship between the art of Egypt and Greece during the 7th and 6th Centuries B.C." will be presented by Dr. Eleanor Guralnick at 8pm in the Memorial Art Gallery, 490 University Avenue. FREE with Gallery admission.

Conference on Stroke: The Young Patient—sponsored by the Nazareth College Speech Pathology Department and the Rochester Heart Association from 5-9pm in Medaille Hall at Nazareth College. Registration and free information available at the Rochester Heart Association.

Institute Forum—Dr. Barry Commoner will speak on **The Politics of Energy** at 7pm in Ingle Auditorium.

Professor Arthur Deacon, of Syracuse University, will present a lecture entitled **On Why the Percentage of Sharks Caught in the Mediterranean Sea Rose During World War I** at 3pm in building 8, room 1130.

Learning Development Center Mini-workshop on **Concentration and Study Time** from 12 to 2pm in building 1, room 2338.

MEETINGS—SPSE-SMPTE Business meeting for

Volleyball Organization at 1pm in building 7B, room 2241.

Final Insights on the Institute meeting and dinner with President M. Richard Rose at 6:30pm in the 1829 room of the College Union.

Christian Science Organization meeting from 12-1pm in the College Union Mezzanine Lounge.

RIT Chorus meeting at 7pm in the College Union Mezzanine Lounge.

Wednesday, October 24

FILM—"New Yorker Films: A Tribute" series at the Dryden theater, George Eastman House, 900 East Avenue, features **The Tree Of Wooden Clogs** (1978), 8pm, \$1 students. Call 271-3361, ext. 216.

MUSIC—WTR 89.7 FM presents "Something New" at 10pm and "Late Night Jazz" at 11pm.

Rochester Philharmonic Orchestra Concert featuring David Zinman, conductor and Jorge Bolet, piano at 8pm in the Geneva Theatre, Geneva, NY. Call 454-2620.

LECTURES, SEMINARS & WORKSHOPS—Charlotte Whitney Allen lecture: **Northern Boroque Art**. Julius S. Held, professor at Columbia University will present **Rubens and the Antique** at 8pm in the Memorial Art Gallery, 490 University Avenue. FREE.

Lecture by Dr. Fred Goldstein, Bausch and Lomb, entitled **Thin Film Optical Monitoring** at 3pm in building 8, room 3178. FREE.

MEETINGS—Transfers Together Again reception for transfers from 3-4:30pm in the Main Lounge of the College Alumni Union.

OTHER—Annual Keyboard Festival, a four-day event devoted to the restoration, reproduction, construction, playing and literature of keyboard instruments, from earliest times to the present at the Tower Fine Arts Center, SUNY College at Brockport. Call 395-2543.

Wednesday Special Hot Dog & Rolling Rock from 8pm-12am at The Cellar.

Thursday, October 25

FILM—Talisman presents **Psycho** at 7:30pm in Ingle Auditorium, \$1 pre-sale, \$1.50 at door.

"New Yorker Films: A Tribute" series at the Dryden Theater, George Eastman House, 900 East Avenue, features **Aguirre, The Wrath of God** (1973), 8pm, \$1 students. Call 271-3361, ext. 216.

MUSIC—WTR 89.7 FM presents "Something New" at 10pm and "Late Night Jazz" at 11pm.

LECTURES, SEMINARS & WORKSHOPS—Learning Development Center Mini-workshop on **Concentration and Study Time** from 6-8pm in the College Union Alumni Room.

CA—Car Care Clinic in the College Union 1829 Room from 2:30-4pm.

MEETINGS—Gamma Epsilon Tau business meeting in the College Conference Room of The School of Printing at 7pm.

Student Social Work Organization (SSWO) general meeting at 12:00 noon in building 12 room 2452. Any questions, please contact Gary St. John, 328-6546.

OTHER—Annual Keyboard Festival, a four-day event devoted to the restoration, reproduction, construction, playing and literature of keyboard instruments, from earliest times to the present at the Tower Fine Arts Center, SUNY College at Brockport. Call 395-2543.

Continuing Events

Current Exhibitions at the Memorial Art Gallery, 490 University Avenue—**The Outsiders: 20th Century Naive Art** through November 25 and **Lending and Sales Gallery: Tea Party Show** through November 18. Gallery Hours: FREE admission on Tuesdays from 5-9pm; Wednesday-Saturday, 10am-5pm; Sunday, 1pm-5pm.

Read WHAT'S HAPPENING and attend those events which interest you to discover a world of education and entertainment!
—DAB

Entries for MICROMOG Synthesizer
Giveaway Drawing Sat. Oct. 20

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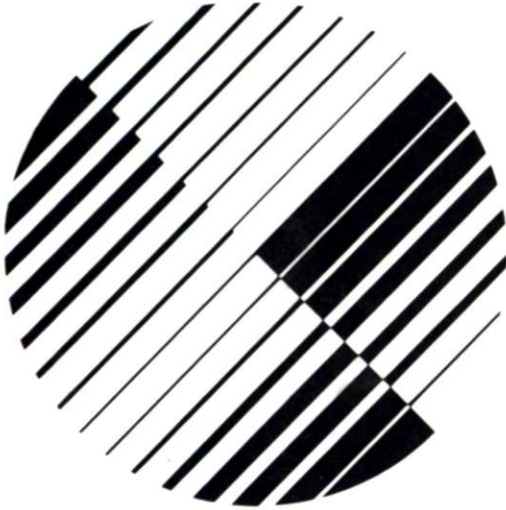
Sat. Oct. 20 meet John Mooney 2 to 3 pm
Sun. Oct. 21 meet Shawn Phillips 3:30 pm.
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Barry Commoner

Professor of Environmental Physics,
Washington University

The Politics of Energy Technology and Values

Institute Forum 1979-80

The energy crisis is economic and the solution lies with the sun, contends environmental advocate Dr. Barry Commoner. He points to the all too obvious fact that every month the price of energy escalates ... eating into our standard of living, disrupting business investments and, potentially, leading to unemployment and economic decline. The reason he says, is that our present fuels are nonrenewable. As oil, natural gas, coal and uranium deposits are depleted, what remains gets progressively more expensive to produce. The answer then is renewable energy. "Solar energy would help most of us and it would also end the monopolies now enjoyed by the oil companies and electric utilities. So a sensitive energy policy means taking on these powerful companies", states Commoner. Hear his views in the next Institute Forum lecture.

7 p.m. in Ingle Auditorium,
College Alumni Union
October 23 —
Admission—\$1.00