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Construction Strike Forces Delays, Drastic Revisions In Planned UR Buildings

By Steven Lishansky

A twelve week construction workers' strike has caused serious delays in the building of the Chemistry-Biology and Math-Science buildings on the River Campus. In addition, new financial problems have arisen which threaten proposed new building, especially the new hospital addition, the Wilson Commons and the Psychology building.

The immediate effect of the summer-long strike is to definitely push back the completion of the Chem-Bio and Math-Science complexes, at least until the fall of 1971. However, if the concrete foundation and supports are not finished by the beginning of the winter, the delay may be many months more.

SERIOUS TROUBLE

Even more serious trouble may be looming for projects still in the planning stages. According to UR vice-president and treasurer, LaRoy B. Thompson, new financial sources must be found before any other new structures can be started.

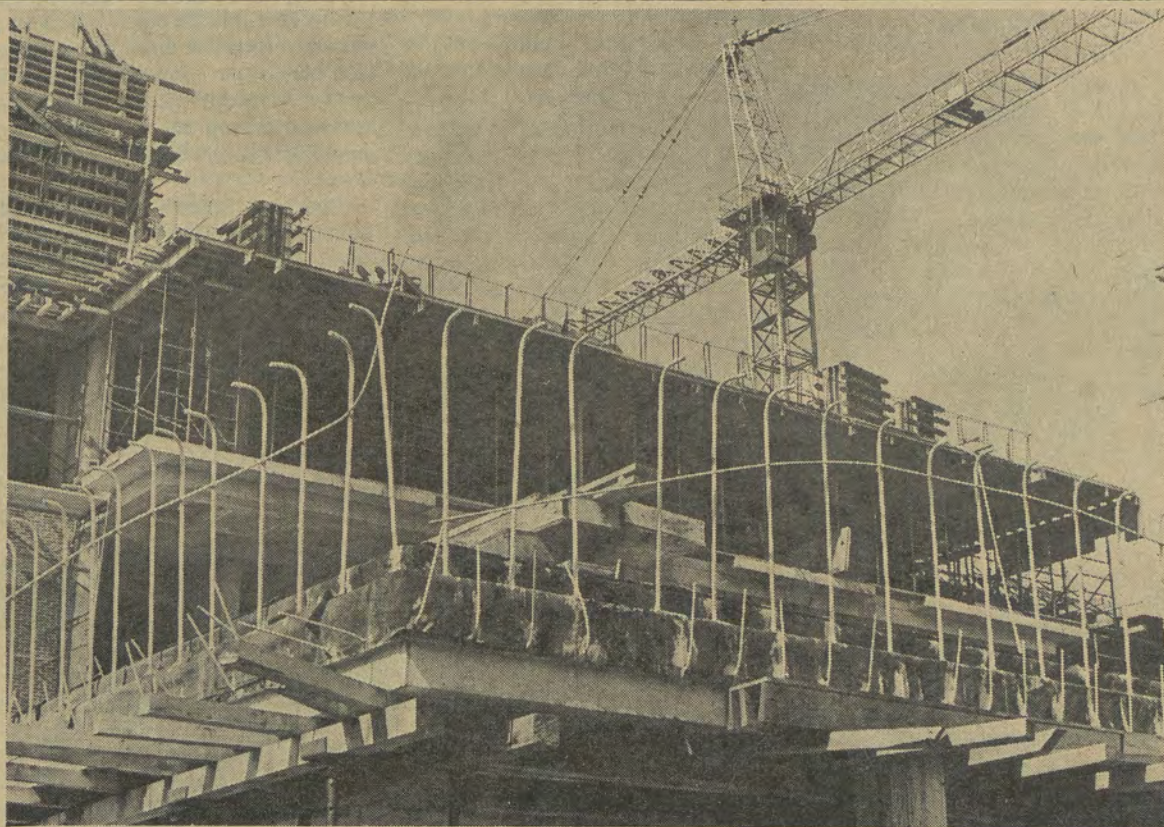
This financial crisis became evident to the university administration after they had solicited bids for a new addition to Strong Memorial Hospital. The total cost, as budgeted, had to run to \$60 mil-

lion. When bids for the building alone (exclusive of the already-laid foundation and the very expensive equipping necessary) were solicited earlier this year, the low bid was \$60.9 million. The final cost would then have been more than \$11 million over the original estimates.

HANDLE THE GAP

The UR is thus confronted with the task of exploring ways of handling this vast gap. The immediate effect was to force a total, continuing reevaluation of the plans and financing available for the hospital. Possible solutions include building less than originally planned, equipping the hospital over a long period of time, building over a long period of time, and seeking additional funding.

The further implications for proposed buildings are tremendous. Two major projects, the Wilson Commons and the Psychology building, which were to have gone out for construction in the near future, will be delayed indefinitely. Mr. Thompson could make no guesses as to when they would be submitted for bidding. In view of the unanticipated difference between projected and actual costs, all plans of the university are being completely reviewed and reevaluated.



Construction resumed recently on the Chem-Bio building after a twelve-week strike this summer, during which all building was halted.

C-T Photo by David Binder.

Self-Preservation

University Tightens Its Belt

By Alan Fisher

Recent developments in the nation's political and economic scene have forced most colleges to take a hard look at their number one instrument of self-preservation, the US dollar.

Unless a university enjoys some degree of financial stability, it clearly cannot meet the totality of its obligations. Some aspect of its operations must suffer; be it the quality of its teaching or the adequacy of its facilities, financial stringency affects practically every aspect of university life.

Many renowned institutions are feeling the effect of the current inflation and recession. Yale's President Kingman Brewster has said that if the present shrinkage of funds continues, the quality of Yale's endeavors will suffer greatly. Columbia, meanwhile, suffered a multi-million dollar deficit last year.

TRIPP

The financial picture at the UR is not quite so grim. Hulbert Tripp, chairman of Rochester's Investment Committee, has carefully managed the University's endowment since 1941. The market value of the endowment fund, its total worth if all the University's hold-

One may wonder, then, if this University really need to tighten its platinum belt. Despite the vastness of its resources, UR does have major problems to face. The new Strong Memorial Hospital will cost \$60 million to complete basic construction. This figure is approximately \$11 million more than anticipated and accounted for by this summer's local construction strike. The hospital expense, in turn, will delay construction of the new Psychology building and Wilson Commons.

The University will also have difficulty replacing Mr. Tripp, who is reported to have submitted his resignation after almost thirty years of service.

LaRoy Thompson, UR vice-president and treasurer, explained recently that federal aid and corporate donations are down from previous years. "Our alumni have been one major exception as far as donations go. They have been very generous, considering recent

Costs Rise For Outside Speakers

By Jeffrey Newcorn

Despite a moderate budget increase this year, the plight of the Outside Speakers Committee can be best summed up in one word - money. While the portion of funds allotted by the CCFB exceeds \$13,000 - a gain of approximately \$1,000 over last year's sum - the committee is still functioning under tight financial restrictions.

A variety of factors is contributing to this problem. The cost of attracting a big name speaker has increased considerably. And so long as organizations are willing to pay them, speakers will be able to demand and receive high prices.

For example, Walter Cronkite demands \$5,500 for an appearance, Senator Muskie and Mike Wallace each ask \$2,000, and even Frank Zappa wants \$1,000.

MIDDLEMEN

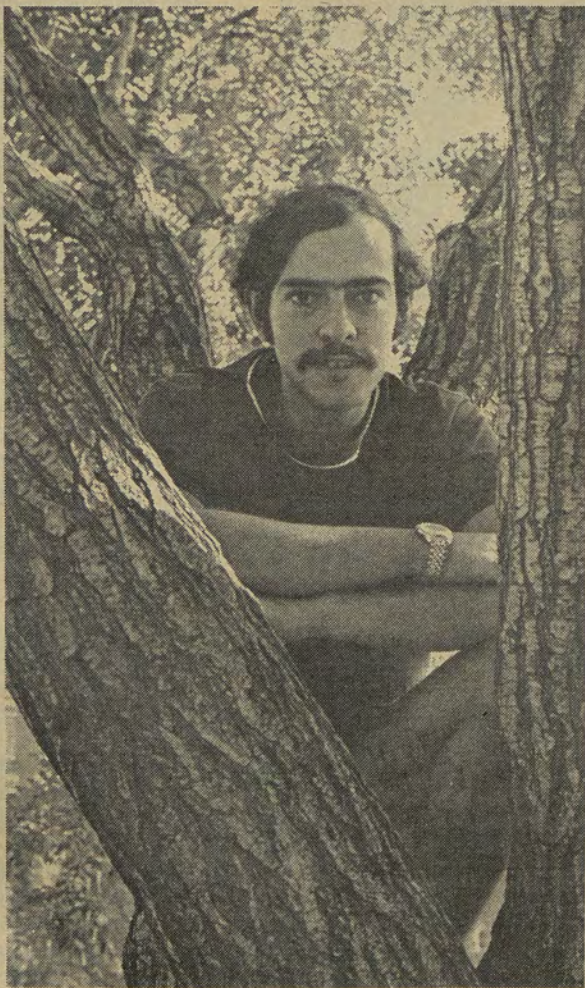
But high honorariums, as they are called, are only part of the financial burden. In addition, the committee is often forced to deal with an agency, rather than negotiate directly with a speaker. Consequently, a portion of the money that is paid out must go to the agency, and honorariums are increased even more.

Usually, Outside Speakers tries not to exceed \$1,000 for a speaker, as a speaker who is paid much more than this would make a severe dent in the year's budget. This, of course, greatly limits the number of speakers they can hope to attract. Because of these limitations, the committee tries to balance popularity with what they consider more lasting quality.

THRIFT

Co-chairmen Peter Scholnick and Carol Adams, cognizant of the financial problem, have found various ways of working around it. Attracting speakers who are politicking or who hold down government jobs is often advisable, as it would be unethical for them to ask an honorarium. In such cases, the committee need only pay for travel expenses, publicity, and a room for the speaker at the Towne House, should he require one.

The Welles-Brown coffee hour is also a thrifty (Continued on page 6)



Outside Speakers Co-Chairman PETER SCHOLNICK

Admissions Statistics

Class of	Applicants	Offered Admissions	Entering Freshmen
1973	4021	2507	1065
1974	4066	2611	979

(See story on page 3)

"A feast is made for laughter, and wine maketh merry: but money answereth all things." (Ecclesiastes 10:19)

ings are sold, amounts to some \$373 million. The book value holdings, that is, actual realized gains and losses, comes to approximately \$190 million.

Mr. Tripp's aggressive management accounts for the spectacular growth of the fund, about 14.4% yearly. Eighty per cent of University funds are invested in common stock issues, such as Kodak, Xerox, and IBM. This investment approach is considerably different from that of other schools which are usually designed to avoid losses and maximize income, rather than cultivate long-term investment opportunities. The Committee which is responsible to the Board of Trustees, is given great flexibility in the management of the fund.

campus unrest, not necessarily at this campus, of course," Thompson continued.

FORD FOUNDATION

To rectify the general university financial plight, a Ford Foundation report has recommended that administrators make active use of realized capital gains. In effect, this suggestion means cashing in on securities in order to help balance the university budget. Because of recent shifts in the economy, however, capital gain transactions now yield little gain and less capital. There are also some legal problems to be solved before this University can make use of these funds.

For the present, the University is borrowing money to help balance (Continued on page 6)

New Laser Energetics Laboratory To Explore Plasma Systems at UR

A Laser Energetics Laboratory—believed to be the first of its kind in any American college or university—has been established at the UR. Robert G. Loewy, dean of the College of Engineering and Applied Science, has announced.

The multi-disciplinary teaching and research laboratory, which is currently funded at over \$250,000 in 1970-71, will be directed by Associate Professor Moshe J. Lubin, a leading authority on laser produced plasmas, thermonuclear fusion, and other high energy density phenomena.

Among the research projects now under way is Lubin's work with laser-produced plasmas and controlled thermonuclear fusion, which may ultimately provide the knowledge needed to solve the problems of how to increase dwindling electrical power supplies without harming the environment. In another related project, Edward Goldman, assistant professor of mechanical and aerospace sciences, is studying numerical computer simulation of laser induced plasmas, and has made a "computer movie" of the laser-produced fusion reaction Lubin is attempting.

James Forsyth, assistant professor of optics at the UR's Institute of Optics is constructing a high pressure carbon dioxide gaseous laser system for use in controlled thermonuclear studies.

According to Lubin, one of the "newest and most exciting" projects under way is the application of laser plasma theory to the production of an intense x-ray source. Lubin notes that "no really good source of low energy x-rays exists in the world."

Equipment in the laboratory includes an ultra-high power neodymium glass laser system equipped with a disk amplifier. The unit was designed and constructed at the UR in conjunction with the UR Institute of Optics. The system is the only one of its kind at any US college or university and is designed to produce one of the strongest laser pulses in the world. The disk amplifier, which is designed to intensify the beam of the neodymium laser system and produce a pulse capable of creating a plasma with a temperature of 60 to 70 million degrees, is the only one of its kind at any US college or university and the second such system in the world.

The laboratory is designed to bring together and provide advanced training and research facilities for graduate, postgraduate, and qualified undergraduate students from the basic sciences, engineering and applied sciences.

The New York State Science and Technology Foundation recently awarded \$80,000 to the University to assist in the development of the laboratory. Faculty and student research in the laboratory is supported in part by grants from the National Science Foundation, the Atomic Energy Commission, the Air Force Office of Scientific Research, General Electric Company, Union Carbide Corporation and Owens-Illinois.

Moshe J. Lubin, director of the UR's new Laser Energetics Laboratory and associate professor of mechanical and aerospace sciences. The Laboratory is the first of its kind at any US college or university.



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Speakers Ask For More Pay

(Continued from page 1)

means of providing a stimulating program, usually consisting of lectures given by noteworthy UR faculty members. In the past, the Welles-Brown room has attracted such speakers as Anthony Hecht and Sherman Hawkins, both of whom were very well received.

This year's program is shaping up fairly well with John Holt, author of "How Children Fail," scheduled to make an appearance Oct. 7. Mr. Holt is donating his services by meeting with high school students and UR education majors during coffee hours and seminar sessions during the day he will then speak in the evening.

COMING UP

Milton Friedman is scheduled to speak November 9, and the extraordinary Alan Ginsberg will follow up November 15. Supreme Court Justice William Douglas will be here December 2, and John Updike is an excellent possibility for this spring.

Symposiums are out this year, but forums and Welles-Brown hours are in. A forum on slavery, featuring Professor Eugene Genovese and Stanley Elkins, author of the book "Slavery," is scheduled. Speakers to watch for in the Welles-Brown room are Professors Hawkins, Regentstreif, and Taylor.

University Tightens Belt As Money Gap Increases

(Continued from page 1)

ance the books. Last year the school's operating expenses totaled \$107 million with a deficit of \$2 million. This year the expenses are up to \$119 million.

Fortunately, individual academic departments have not suffered from budget problems. Dr. Jacob Bigeleisen, chairman of the chemistry department, stated this week that there has been no cutback in his department's budget. There has even been a modest increase. "We have a large enrollment in our courses, but we are doing everything possible to create more space until the Chemistry-Biology building becomes available," Dr. Bigeleisen assured.

The Psychology department also remains relatively unaffected. Dr. Dale McAdam, acting chairman of the psychology department, described the situation: "Of course one is never completely satisfied, but our department is pretty sound financially. The delay on the new Psychology building does pose certain problems. Right now the department is spread out all the way over to the medical center. Ours is not so much a problem of overcrowding, but of chronic unhappiness from being split so widely."

Looking towards the mid 1970's, the University is looking for in-

creased aid from New York State and increased federal subsidies for graduate students. A more assured source of revenue and of concern to undergraduates might be the tuition increase scheduled for 1972-73, or the room and board hike, reported to be only one year away.

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