

# NEWS & EVENTS

Rochester Institute of Technology

Vol. 12, No. 35, October 23, 1980

## Laser Expert to Address Institute Forum



MOSHE LUBIN

**D**r. Moshe Lubin, an international leader in laser research, will discuss "Energy Options: Building Blocks in a Technological Society," Thursday, Oct. 30, as the third speaker in this year's Institute Forum lecture series.

The presentation will be held in Ingle Auditorium at 7 p.m. Tickets are \$1 and available in advance at the candy counter in the College-Alumni Union. The event will be interpreted for hearing impaired persons. Faculty who are interested in tickets for their classes should contact Elaine Spaul, ext. 2268.

Director of the Laboratory for Laser Energetics at the University of Rochester since 1970, Lubin believes that new technologies such as laser fusion will play a significant role in our energy future.

Having done research in controlled thermonuclear fusion, laser fusion, x-ray

laser development, x-ray instrumentation, and the interaction of radiation with matter, Lubin is currently working on solutions to and the problems and the commercial feasibility of laser-initiated fusion.

He is the author of more than 60 journal articles, technical reports and symposium papers and is often quoted as an expert by the *Wall St. Journal* and *The New York Times*.

### ...And in the Library

The library has set up a display on energy alternatives and has produced a bibliography to help faculty, staff and students better understand the topic of this month's Institute Forum speaker.

Laser fusion is one energy alternative, and the Laboratory for Laser Energetics is one of the country's three laser centers. It is the only center concentrating on civilian uses of energy; the other two labs in California focus primarily on defense needs.

Lubin has described laser fusion as "an elegant approach to producing miniature suns on earth. There are three ingredients: the manufacturing of the fuel itself; developing a very sophisticated 'match' for the fuel (the large laser system); and harnessing the energy once it is produced."

A number of RIT students co-op at the laboratory, and a few members of the RIT chemistry faculty have been involved with chemical projects related to the Laser Lab.

### Homecoming Photos pp. 3-6



RIT's Homecoming, Together '80, brought a festive spirit to the campus last weekend.

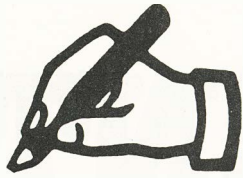
Al McGuire's talk Friday afternoon at the Alumni Sports Forum kicked off the weekend's events. Following the forum, Jim Kuntz, former Tiger golfer and basketball player, was inducted into RIT's Sports Hall of Fame along with A. Stephen Walls. Walls, founder of the Sports Hall of Fame at RIT, was inducted posthumously. On Saturday RIT's soccer team, full of the Tiger spirit, trounced St. John Fisher, 3 to 2.

During Saturday's Distinguished Alumni Awards ceremony, David E. Alexander, EL '34, was recognized as RIT's Outstanding Alumnus for his service to the advancement of the Institute.

A full house feasted at the International Buffet with students, alumni and parents enjoying Portuguese and American fare. The meal was topped off with a six-tiered chocolate cake.

"We're pleased that hundreds of alumni came back to enjoy the weekend," says Jack F. Smith, associate vice president and director of Alumni Affairs. Smith was also glad that students as well as alumni participated in the events.

A committee of students, staff and alumni planned this year's Homecoming celebration. Heading up the committee was Stacy Baier, coordinator of Alumni Relations.



## DATEBOOK

thru Oct. 24—"A Moment of Vision," MFA photo students' show, MFA Gallery  
 thru Dec. 17—Sing & Sign Choir meets each Wednesday at noon in the NTID Theatre. Anyone interested should call ext. 6250.  
 thru Nov. 7—"SPAS Faculty Show," celebrating the 50th Anniversary of the School of Photographic Arts and Sciences, Bevier Gallery  
 thru Oct. 31—"Wooden Constructions" by David Fitch, Gallery 1½, Wallace Memorial Library\*  
 thru Nov. 2—"Horses in Motion," photographs of horses and carriages produced by five young photographers; Brighton Memorial Library, 2300 Elmwood Ave., Brighton.  
 thru Nov. 19—"Pastiche" by Sylvana Scelsi, Gallery 2, Wallace Memorial Library\*  
 Oct. 23—New member sign-up campaign for Credit Union from 9 a.m. to 3 p.m. in union lobby

Women's Volleyball—RIT, Canisius at Oswego, 6 p.m.

Soccer—Ithaca, 3 p.m.

Open meeting of Faculty Council's executive committee, 1-2 p.m., 1829 Room, Union. Work on the rewriting of charges for the Institute Committee on Effective Teaching; all interested persons are welcome.

HEOP Professional Organization Conference, 9 a.m.-2:30 p.m.

"Art and Photo Exhibit," with wine and cheese reception; 3-5 p.m., HEOP office, first floor, Administration Building, free

"Affirming Educational Opportunities in the '80s—Is Educational Opportunity Enough?" by Dr. Katherine Webb and panel of local experts, 7 p.m., Webb Auditorium, refreshments, free

"Forgotten Neighbors: Development Issues in Latin America," by lecturer Paul A. Miller; 12:10 to 12:50 p.m., Alumni Room, Union

*The Grapes of Wrath*, 7:30 p.m. (I)+  
*Our Relations*, 10 p.m. (I)+

cont. on p. 8

## NEWS & EVENTS

Published weekly on Thursday during the academic year by the Communications Office at Rochester Institute of Technology and distributed free of charge to the Institute community. For information call 475-2750.

## Techmila Wins National First

The 1978-79 edition of *Techmila*, the RIT student yearbook, recently won first prize in a national competition sponsored by Printing Industries of America. Entered in the "yearbooks and textbooks" category by Hunter Publishing in North Carolina, *Techmila* was selected "out of thousands of books submitted" as Best of Category in the United States, according to J. B. Edwards, director of public relations for Hunter Publishing.

Award plaques will be presented to *Techmila* editor Tom Grotta, who received his BFA in photo illustration in June, and to RIT.

Printing Industries of America is an association of printers, publishers, and advertising agencies.

The 1979-80 yearbook, being distributed this week, is an impressively handsome tribute to RIT's first 150 years that includes a special color folio of student, alumni, and faculty work. The folio will be on sale separately in the bookstore.

The yearbook is available to those who were full-time day college students in attendance for at least two academic quarters during 1979-80. Students who miss the scheduled time to pick up their copies will have another

chance on Friday, Oct. 24, or Wednesday, Oct. 29, at the *Techmila* office in the College Alumni Union.

According to John Pask, editor, and Julio Dematos, art director, the 1980-81 yearbook will be an equally impressive testament to the talent that flourishes at RIT. Pask notes, however, that opportunities for student involvement in *Techmila* are still available, and he'll be happy to talk with anyone interested (ext. 2227, between noon and 1 p.m. weekdays).

## Weavers Guild

RIT welcomes the Buffalo Weavers Guild today (Oct. 23) as they tour the College of Fine and Applied Arts, Bevier Gallery and the campus art collection.

About 25 members of the guild will be hosted by Dean Robert Johnston. Graduate weaving and textile design students will present their current thesis projects.

Organizers of the event are faculty members Max Lenderman, Katarina Welien and Don Bujnowski.

## Hobart Cowles Dies

Hobart Cowles, ceramist and professor in the School for American Craftsmen, died at the age of 57 on Sunday, Oct. 12.

A Memorial Service will be held in Webb Auditorium at 11 a.m., Wednesday, Oct. 29, followed by a reception.

Cowles had taught ceramics and ceramic sculpture at RIT since 1951. He had been on leave from the Institute since last December due to health problems.

Known for his distinctive glazes and attention to technical detail as well as his creativity, Cowles produced thousands of clay pots over the span of his career.

His work has been shown locally in Syracuse, Niagara Falls and at the Rochester Finger Lakes Exhibition and has been exhibited in Belgium, Poland and France. Today his ceramic work can be seen in churches in Gates, Webster, Victor, Brockport and Bergen.

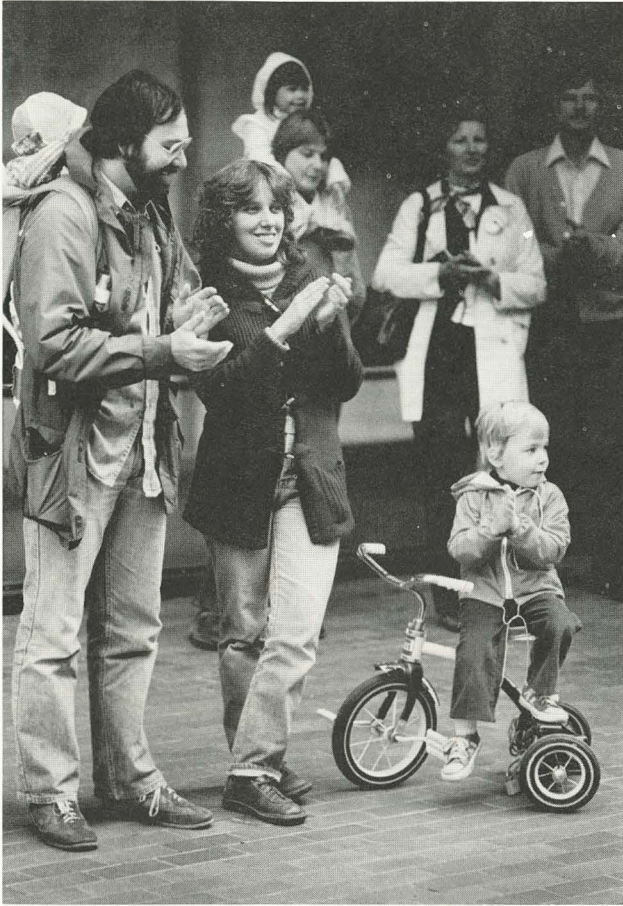
In 1975, Cowles received the Eisen-

hart Outstanding Teachers Award, the highest honor awarded to master teachers at RIT.

"As a master teacher, Professor Cowles has inspired and taught an entire generation of American potters.... As a potter, he has been a living example and role model for young ceramic craftsmen," Dr. Robert H. Johnston, dean of the College of Fine and Applied Arts, said of him at his last show. Cowles' work was shown in Bevier Gallery in March.

He is survived by his wife, Barbara, of Fairport.

The faculty of the School for American Craftsmen have met to establish a ceramics Memorial Scholarship Fund in Cowles' honor. Those interested in participating in this memorial may send checks made out to the Cowles Memorial Fund to Dr. Robert Johnston or Prof. Donald Bujnowski.



*Dad admires his oldest's appreciation of the outdoor entertainment*



*And here's Maynard Ferguson, who drew a near-capacity crowd on Saturday night in the gym*

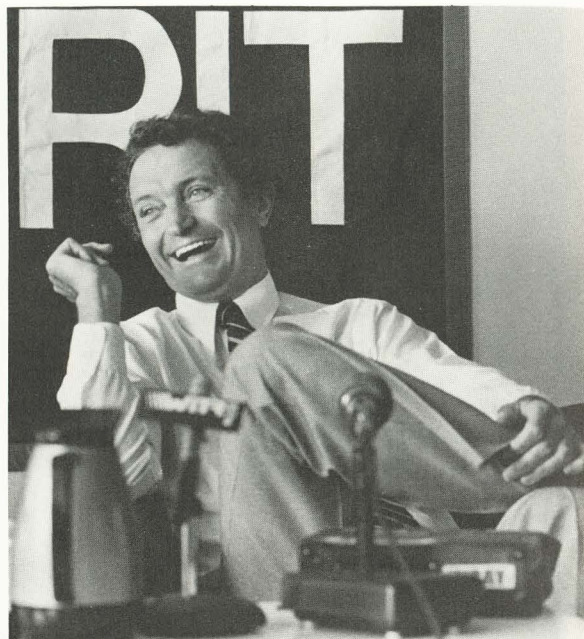
# Together 80



*The RIT Pep Band in performance before the Sports Forum.*



*The RIT Tigers earned their stripes in a 3-2 win over St. John Fisher; RIT's Tim Crowe (left), Randy Phillips (right), and John McCormick (center) and St. John Fisher's Mark Counts (far left)*



*Al McGuire of NBC Sports spoke at the Sports Forum. Here he's caught at a typically lively moment during an interview.*



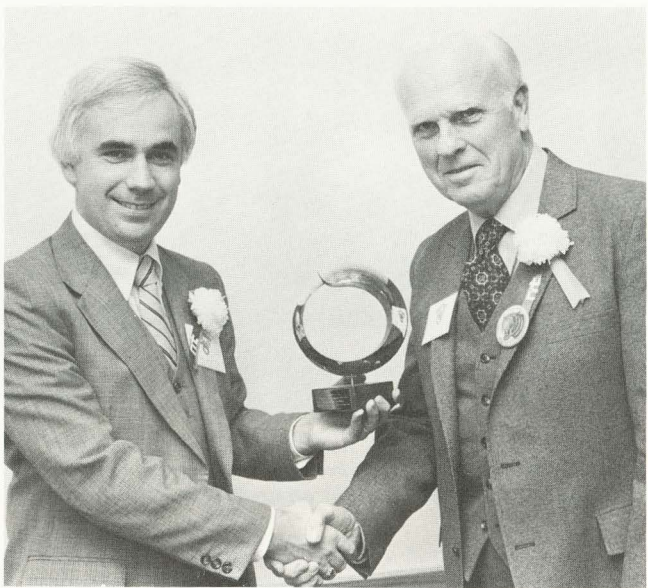
*Dessert during the class reunion luncheon was accompanied by songs from the RIT Chorus. Members of many different graduating classes were in attendance.*



*The exhibition in celebration of the 50th anniversary of the School of Photographic Arts & Sciences opened on Friday evening in Bevier Gallery.*



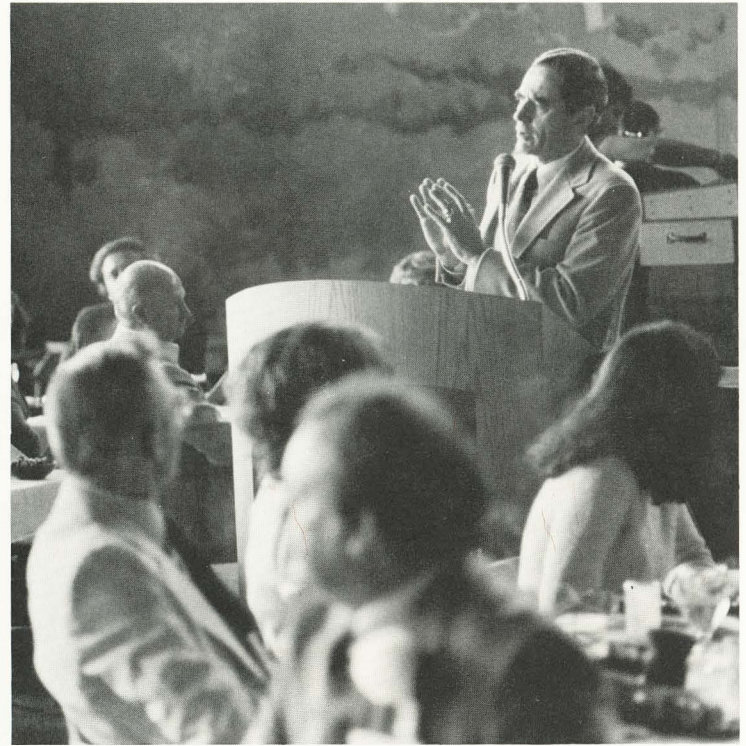
*Together in 1980 were these graduates of the 1930 electrical engineering program.*



*Tom Dougherty (left), treasurer of the National Alumni Council, presented the Outstanding Alumni Award to David E. Alexander, EL '34. The award is the highest citation conferred by the RIT Alumni Association. Distinguished alumni awards were also presented to one alumnus/alumna from each college.*



*George Alley (left), director of the new School of Food, Hotel and Tourism Management, formally announced the new status to alumni at the Sarah Margaret Gillam Award brunch.*



*President Rose spoke at the Parents' Luncheon*



*At the International Buffet, Dr. Rose handed the first slice from this chocolate delight to Dr. Martin Renalls in appreciation of his work with international students. Bob Day, catering, stands next to the cake whose evolution he supervised.*



*The Greeks, showing their spirit, sponsored open houses for parents and alumni.*

# NTID and CCE Each Launch Seminar Series

Dr. David Russell Osguthorpe, associate professor with the David O. McKay Institute of Education at Brigham Young University, was the first speaker in NTID's new Foundations Seminar Series. He presented highlights of his paper, "Tutoring Special Students," and, with Jimmie Wilson, coordinator of tutor/notetaker training at NTID, conducted a seminar on the subject.

From 1975 to 1978, Osguthorpe worked as a research associate at NTID, where his work led to the establishment of the tutor/notetaker program. He is now working on research into the personal and social effects of mainstreaming on severely physically handicapped students.

Osguthorpe's presentations were part of the new Foundations Seminar series of 13 lectures and seminars sponsored by the "Foundations" Development Project of NTID on learning, teaching, and development.

"The 13 seminars...will focus on 15 problem statements and hundreds of student behaviors that concern faculty," said Ann Areson, director of special programs at NTID. "We're hoping the seminar series will reflect faculty insights and experiences regarding each topic." She added that the Foundations Development Project is a fact-finding mission to help build a new

curriculum structure for first-year deaf students at RIT.

Dr. Fred Dowaliby, NTID assistant professor of education and research, will conduct the next presentation and seminar, "Locus of Control," Thursday, Oct. 30, from noon to 1 p.m. in Room 1145 of the LBJ Building.

A seminar on "Experiential-Learning" will be held November 6 at the same time and location. For more information about these and other upcoming seminars, call Jane Ehrmentraut at ext. 6860.

## CCE Management Series

Robert Evans, former Moscow bureau chief for CBS News, launched the College of Continuing Education's annual Management Seminar Series with an extensive briefing on the Iran-Iraq war.

Speaking at the Top-of-the-Plaza to an audience of more than 100 Rochester-area executives at the CCE seminar on Oct. 14, Evans described his recent visits to the Middle East and his analysis of the latest series of events in that embattled area.

"This is a battle over the same 40-mile confluence of the Tigris and

Euphrates rivers that was fought over in the Biblical era and that is still today the jugular of the western world," he commented.

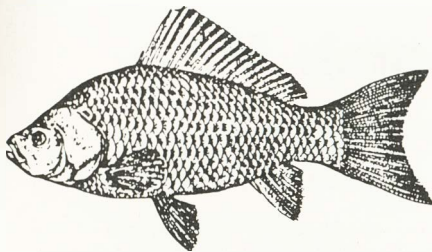
"The United States, unfortunately, has no horse to ride in this race," Evans continued. "Both sides have said that they do not want our protection, but yet it is in our interest to provide a deterrent to Soviet interference from the north."

He went on to say that the loss of American influence in Iran was the most dramatic change in world power relationships since the loss of China to the Soviet sphere of influence. Evans concluded on a note of optimism, expressing confidence that the U.S., "which has led the energy and transportation revolutions of the last half century will seize upon the current energy crisis as an opportunity to develop new technologies."

This year's CCE Management Seminar sessions will also be held at Eisenhower campus on the evening preceding each session in Rochester, according to series coordinator Robert Way.

The next speaker in the six-part series will be Donn B. Parker on "Ethical Conflicts in Computer Science," on Nov. 10 and 11. Parker, senior management systems consultant for SRI International, spoke at last year's Institute Forum.

# Symposium Lecturer: Oceans Are Thriving



Despite claims to the contrary in past years, oceanographer Willard Bascom says, "There isn't an iota of evidence that the oceans are dying."

Bascom delivered the 1980 John Wiley Jones lecture to a full Ingle Auditorium, Tuesday, Oct. 7. He is one of the world's leading oceanographers and is currently director of the Southern California Coastal Water Research Project.

Tracing his 38-year career in oceanography, Bascom spun tales of treasure hunting for Spanish galleons, mining for diamonds off the shores of South Africa and oceanographic research.

Drawing upon his own investigations, Bascom offered evidence that the oceans are thriving. In his hour-long lecture, titled "Using the Ocean's Resources," Bascom cited such statistics as increased fish yields, mineral recovery and general ocean use.

Contrary to what one might expect of an oceanographer, Bascom supports the idea of using the oceans for waste disposal. "Everything will wind up there eventually, and there are even substances like human waste which, if treated properly, would be very beneficial to the sea," he says.

Bascom does not believe that disposal of low-level nuclear wastes will damage the oceans. He also disputes claims that massive oil spills have caused any long-term harm to the ocean floor or beaches.

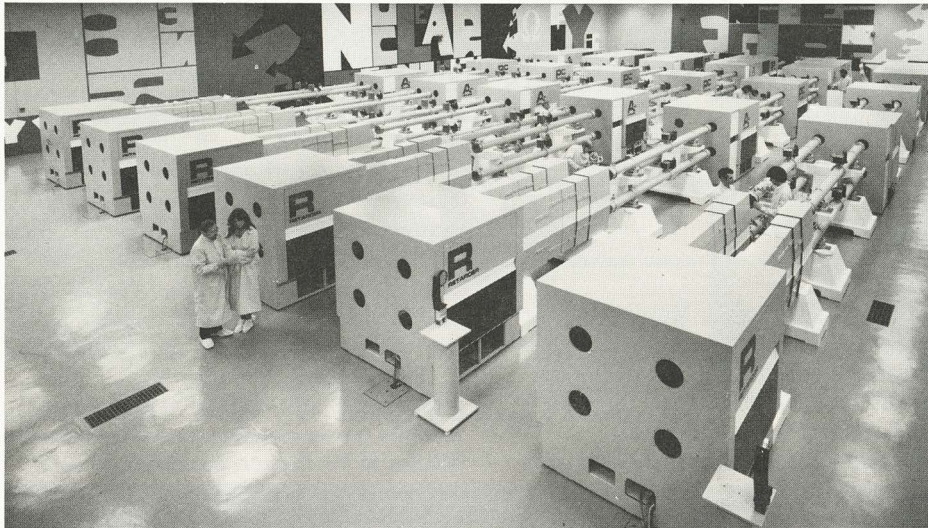
For the future, Bascom predicts satellite research as the major tool for explorations. "We will be able to map the contours of the earth and sea to a detail never obtainable from surface vessels."

The John Wiley Jones Symposium is funded through a gift to RIT's 150th Anniversary Campaign from Jones Chemicals, Inc., Caledonia, N.Y.



Rochester Institute of Technology

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Rochester, New York 14623



Inside Lubin's Laser Lab at U of R, science fiction comes to life. The OMEGA laser system pictured here is the lab's major irradiation facility; its 24 laser beam lines were checked out as operational this past January.

## DATEBOOK

Oct. 24—"Black Images/Black Reflections," award winning drama by Howard University Theatre Company, 7 p.m., NTID Theatre; tickets available through HEOP (ext. 2221) or at NTID on night of performance

*The Rose*, 7 & 10 p.m. (I)+

Oct. 25—"President's Unity Banquet," sponsored by President Rose and Student Affairs, with guest speaker New York State Assemblyman Arthur Eve, 6 p.m., NTID Dining Commons; tickets available through HEOP (ext. 2221)

"BACC/HEOP Dance," 10 p.m., NTID Main Street; call ext. 2221 or 6617 for ticket information

*Hold That Ghost*, 2 p.m. (I)+

*All The President's Men*, 7 p.m. (I)+

Soccer—RPI, 1 p.m.

Cross Country—ICACs at Ithaca, 1 p.m.

Oct. 26—*The Last Picture Show*, 1:30 & 4 p.m. (I)+

*Stolen Kisses*, 7:30 p.m. (I)+

Oct. 27—Women's Volleyball—at Keuka, 7 p.m.

Oct. 29—Memorial Service for Hobart Cowles, 11 a.m., Webb Auditorium, Bldg. 7; reception following

Oct. 30—"Energy Options: Economic Building Blocks in a Technological Society," a lecture

by Moshe J. Lubin, part of RIT's Institute Forum on Technology and Values, 7 p.m., Ingle Auditorium, Union. Admission \$1: tickets available in advance at Union. Interpreted for the hearing impaired.

\*-Library hours: Monday-Thursday, 8 a.m.-11 p.m.; Friday, 8 a.m.-9 p.m.; Saturday, 9 a.m.-6 p.m.; Sunday, noon-11 p.m.

+Talisman Film Festival: (I)=Ingle Auditorium; (W)=Webb Auditorium; \$1.50 unless otherwise indicated

### DON'T MISS IT!

"A Moment of Vision," the MFA photo class show, will close tomorrow (Oct. 24). On display in the MFA Gallery are 58 prints, the work of students, professors, graduates and guest lecturers. The prints are varied and exciting. (Note: there will be a closing party tonight at 8 p.m., open to all.)

## A Time To Plant...

Put on your old clothes and grab your garden hoes—it's time for the annual fall planting. Faculty, staff, students and their families are invited to help plant 10,000 flowering spring bulbs around the RIT campus, Oct. 25.

Prospective planters should meet between 8:30 and 9 a.m. in the Administration Circle. After a short talk on bulb planting procedures, the planters will be divided into groups and assigned certain areas. Tulips, hyacinths, daffodils and crocuses will be planted in the dorm quads, along the Quarter Mile, around NTID, in the academic complex and around the Administration Circle. All materials and supplies will be provided by Physical Plant, sponsors of the event.

Mid-morning sustenance will be provided in the form of free coffee and doughnuts. Lunch will be served at 12:30 p.m. in the RITskeller. Planting will continue until 2 p.m.

## Lomb Menu

Oct. 23—Flank Steak with Mushroom Sauce, Boiled Potatoes, Green Beans or Soup of the Day, Baked Ham & Swiss Cheese Sandwich

Dessert: Chocolate Peach Imperial

Oct. 28—Fillet of Sole, Deep Fried Potato Skins, Mixed Vegetables or Soup of the Day, Large Chef's Salad Bowl

Dessert: Chocolate Cream Pie

Oct. 30—Sweet & Sour Pork, Rice, Buttered Corn or Soup of the Day, Polish Kielbassi Sandwich

Dessert: Strawberry Shortcake

Cost of luncheons is \$2.25. For reservations, call ext. 2351.