

NEWS & EVENTS

Rochester Institute of Technology

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New Program Receives First Major Donation

RIT's microelectronic engineering program has received its first major donation. The donation of mask making equipment was made by Theta-J Corporation of Woburn, Mass., and is valued at approximately \$323,000. The equipment gives RIT a complete front-end facility for the microelectronic laboratory it is establishing.

"We are fortunate in being able to acquire this equipment," says Dr. Roger E. Heintz, coordinator of the microelectronic engineering program. "This equipment will allow our students to obtain hands-on experience in the making of masks, an important part of our program."

He explained that by means of this equipment a circuit diagram is transferred to a black and white mask. The

mask, similar to a black and white film negative, is used to make patterns directly on a wafer, which becomes the microelectronic device.

Included in the donation are a large first-reduction camera, small step/repeat camera, Laminar flow hood and two epitaxial reactors.

"This is a very impressive first gift to our microelectronic engineering program," says Dr. Mark F. Guldin, acting dean of the College of Graphic Arts and Photography. "A university laboratory such as that we are establishing in microelectronics will be unique in the nation."

"Theta-J considers this donation an investment in the growth of microelectronics in this country. We are pleased that we are able to provide state-of-the-

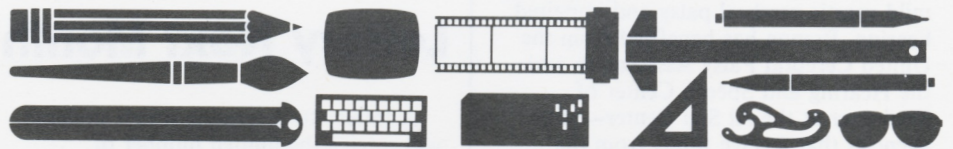
art equipment for RIT's microelectronic engineering students," says Edward Rodriguez, president of Theta-J Corporation. The company manufactures OptoMOS switching devices for the telecommunications and computer industries.

RIT's microelectronic engineering program, approved by the Board of Trustees in January, also has received approval from the New York State Education Department. It is believed to be the only undergraduate microelectronic engineering program in the nation.

A joint offering of the colleges of Engineering, Science, and Graphic Arts and Photography, the program already has its full complement of students for the fall, when it officially begins.

HEALTH FAIR

A Health Fair that will focus on non-traditional topics, self-care and wellness will take place next Tuesday, March 25, in the lobby of the College-Alumni Union. Spectators will have a chance to see demonstrations of such techniques as acupressure massage, aerobic dance, chiropractic procedures and relaxation. Over two dozen booths will be set up, displaying information about subjects like cardiovascular fitness testing, wellness resources, nutrition, biofeedback, holistic health, radiation, health foods and outdoor living. The fair, sponsored by Student Health Service, will be open from 8:30 a.m.-4:30 p.m.



Spring Design Conference Here To Focus on Technology

RIT and The Design Schools, a group of six art institutes, will co-sponsor a conference at RIT entitled "The Designer and the Technology Explosion" on May 12-14. It is anticipated that several hundred professional designers will attend the conference, which will cover everything from digitized type to computer graphics techniques.

This year the College of Fine and Applied Arts has opened a computer graphics facility that includes the college's newly acquired Genigraphics equipment and Apple and other computer systems for designers. Courses in computer graphics, among the first in the country, are now offered by the college's School of Art and Design.

The Design Schools consist of the art institutes of Atlanta, Ft. Lauderdale, Houston, Philadelphia, Pittsburgh and Colorado.

Conference participants will include noted designers Ivan Chermayeff, Muriel Cooper, Lou Dorfsman, Colin Forbes, Tom Lunde, John Massey, Eileen Hedy Schultz, Robert S. Smith, Edward A. Hamilton and RIT's James Ver Hague.

Ver Hague is Institute Professor for 1981-82 at RIT and an associate professor of graphic design in the College of Fine and Applied Arts. He has a background in both fine arts and computers, with master's degrees in communication design and mathematics.

FINANCIAL PLANNING WORKSHOP

The Staff Training and Development Office will sponsor a workshop on financial planning for the RIT community. Dr. John Best, financial advisor, will speak about stocks, bonds, IRAs tax-deferred opportunities, tax shelters and estate planning. There will be time for questions and answers. The workshop will be held on Wednesday, April 7, noon-1:30 p.m., in the 1829 Room, College-Alumni Union. To register, call Joan Cavanna at 6956.

United Way: Gifts Helpful?

With the approach of the 1982 United Way campaign at RIT (April 5-9), some faculty and staff may be wondering just how worthwhile their contributions may be. There are many people on campus, however, who can tell you from their own experience just what those contributions mean.

Pam King, RIT Communications, has an eight-year old daughter, Brenna, with mild spastic cerebral palsy and impaired hearing. Brenna has benefited from the United Cerebral Palsy Association and the Hearing and Speech Center of Rochester at the Al Sigl Center—both agencies that receive funds from the Rochester-area United Way.

"United Way makes it easier for parents to get the necessary help for their children," King says. "United Cerebral Palsy was very responsive to Brenna's needs and ours . . . they do wonderful things."

She says that United Cerebral Palsy's help even extended into such areas as Brenna's successful move into public school. When Brenna was ready to enter kindergarten at School #31, both her physical therapist and teacher checked to make sure the school would fit her physical needs.

Even though Brenna is no longer a primary client at United Cerebral Palsy, King says, "I will definitely continue to contribute to United Way because the money goes to such worthwhile agencies, and I've seen first-hand how helpful those agencies can be."

RIT's campaign goal this year is \$46,000, a 10 percent increase over last year.

Ahoy! Student Whale Watchers

Student adventurers are wanted for a great experience on the high seas off Cape Cod.

RIT's Educational Travel program has planned a Whale Watch for April 16, 17 and 18 in Provincetown, Mass. Faculty/staff berths for the trip are filled, and Program Director Julie Cammeron hopes to sign on more students.

For \$175 per person, you get round-trip transportation, hotel room for two nights, buffet dinner, breakfast, tours of

the National Seashore Museum and of beaches, free exploring time, and . . . the four-hour whale watch from a 100-foot boat.

Interested? Call 6937 (voice and TTY). Half the amount is needed for deposit to reserve your place on the tour.

Another trip to Attica State Prison is planned for April 14, Cammeron has announced. Interested students, faculty and staff should call the Educational Travel office, 6937.

NTD Gilgamesh Performance Set

The National Theatre of the Deaf (NTD) returns to Rochester to present *Gilgamesh*, March 19 and 20 at 8 p.m. in NTID's Experimental Educational Theatre.

Gilgamesh, two parts god, one part man, defies his destiny in a quest for immortality. The saga of Gilgamesh abounds with tales of his exotic adventures, legends suggestive of the Bible, and astonishing exploits resembling those of *A Thousand and One Nights*.

For 14 years, the NTD has delighted audiences with a unique blending of visual and spoken language, music and movement. Its performances have taken the full-year dramatic touring company into all 50 states, Europe, Asia and Australia.

Tickets are available at the NTID box office, weekdays, 10 a.m. to 4 p.m. Call 475-6254 (voice or TDD) for reservations. Admission is \$3 for students and senior citizens; others \$5.

Lottery Next Month for Student Rooms

A lottery to determine which students will receive the limited number of residence hall rooms available next fall will be conducted again this spring. Dr. Preston Herring, director of Residence Life, says the decision to conduct the lottery came after consultation with representatives of Student Directorate and the Residence Halls Association. They concluded that a lottery is the most equitable method of allocating residence hall space.

The lottery will take place April 15 and 16. Selections will be made April 21-25.

According to Herring, reasons for the limited residence hall space are projected increases in new student enrollment for the 1982-83 academic year and a continuing desire for residence hall rooms by upperclass students.

He says that Residence Life anticipates housing about 92 percent of the new freshman class and about one third of transfer students. Upperclass students continue to be attracted to residence hall living because special interest houses and

fraternities and sororities are located in the dormitories.

Housing officials do anticipate increased student demand for campus apartments next year when bus service between each of the four apartment complexes and the main campus is expanded.

Residence hall students will have the opportunity to sign up for an Institute-operated apartment for next year before the lottery. Current apartment residents may register for the same apartment for next year on March 22.

Herring points out that an appeals process will be available for students who cannot sign up for residence hall space because of special circumstances.

Students not selected in the lottery will be given an opportunity to sign up for an apartment early in May.

Herring urges students "to keep informed to make the right decision to meet particular housing needs." He adds

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Figure Skaters To Compete

Genesee Figure Skating club will host the Third Biennial Invitational Competition for figure skaters March 25 through 28 in the Frank Ritter Memorial Ice Arena.

About 200 figure skaters from the eastern United States will take part in events that will include all aspects of figure skating. The public is invited. Admission is \$2 daily.

Wick Smith, of RIT's Learning Development Center (LDC), is chair of the competition's Accounting (scoring procedures) Committee and will compete in two dance events.

Smith, associate professor and staff chair of LDC's mathematics department, is a member of the club's board of governors. He has been employed by RIT for 13 years.

A "serious skater" for about eight years, Smith will compete in the adult dance event with Angela Wilkin of Brighton. Lisa Noon, a senior at Mercy High School, will be his partner in the junior/senior dance competition.

Skating categories for judging, besides dance, are figures, free style and pairs. Events will be judged all day and evenings. For information, call the Skating Club at 424-1420, or the ice arena, 2222.

POLICY & INFORMATION

Faculty Council 3/11/82

1. Report on 3/17/82 Policy Council agenda.
2. Elections for 1982-83 Faculty Council representatives to be completed by April 15. Representatives interested in serving on Executive Committee contact council office by 3/15.
3. New Faculty/Staff Orientation Committee, Fall 1982, needs members. Interested faculty please contact Faculty Council office.
4. Faculty proposal on RIT governance being forwarded to Institute Governance Committee.
5. Faculty Council long-range planning seminar, March 17, announced.
6. Dr. Quinn to attend 3/18 Faculty Council meeting. Agenda includes: Institute calendar, reorganizations, budget & salary information.
7. Minutes of 2/11 and 2/18 meetings approved.
8. Discussion: What is Faculty Council? What should it be?

Anyone wishing the source or additional information on any of the above, call 2527.



Genesee Figure Skating Club members include Wick Smith, Learning Development Center (LDC), who has entered two dance events in the invitational competition. Mary Abraham (left), daughter of Gladys Abraham of LDC, and Elizabeth Slutzky (right), daughter of Jack (NTID) and Marcia (Personnel) Slutzky, will skate in dance and freestyle events.

Task Force Lays Groundwork

Following RIT's \$4.2 million computer acquisition, a task force has been assembled to complete the transition from the Sigma 9 system to the six VAX 11/780 super minicomputers. The job of the task force is to ready the minicomputers, color graphics terminals and application and systems software for academic use in September.

Mike Charles, assistant vice president for Information Systems and Computing, has been appointed by Dr. Robert Quinn, vice president for Academic Affairs, to head the task force. It has been organized into eight project areas, each headed by a director who reports to Charles. The directors and their areas are: Scott Lawson, Facilities Planning and Construction; George Hopkins, Site Planning and Hardware Installation; Greg Hawryschuk, Systems Software Planning and Installation; Ken Reek, VAX-UNIX Applications Conversion and Installation; Ron Stappenbeck, VAX-VMS Applications Conversion and Installation; Roy Czernokowski, VAX-

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ART SERIES LECTURE

Dr. Lillian B. Miller will describe "The Landscape of England and France" during her talk at 7:30 p.m., Wednesday, March 24, in Webb Auditorium. The lecture is the fifth in the series, "The Great American Art Collectors, 1876-1929."

Dr. Miller, Smithsonian Institution Historian of American Culture, is the Caroline Werner Gannett Professor in the Humanities, College of General Studies.

Curious About Packaging?

Packaging design, machinery innovations, graphics, materials and packaging in underdeveloped nations are among the topics to be covered in the first Packaging Awareness Seminar at RIT. To be held Thursday, March 25, from 1-6 p.m. in Ingle Auditorium, the seminar will conclude with a tour of RIT's packaging laboratory in the James E. Gleason Memorial Building.

The program has been organized by packaging science student Darren Mulvey and is sponsored by Pi Kappa Gamma, an honorary society; RIT

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Home Energy Audits Offered

The RIT Research Corp. is continuing to assist Rochester Gas and Electric Corp. (RG&E) in the delivery of home energy audits. The Research Corp., along with the Urban League and the 19th Ward Community Association, are under contract with R.G. & E. to perform the free home energy audits.

According to program coordinator Mark Britton, "The residential energy audit is a tremendous value as an initial step toward home thermal efficiency." The home audits are performed by RIT engineering students after special training by RG&E.

Britton adds that the home energy audits are free of charge and can be requested by calling RG&E's Residential Service Dept.



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Hite to Speak

Shere Hite, controversial author and researcher on human sexuality, will speak at RIT next Wednesday, March 24. Dina Rossi, chair of the College Activities Board Cultural Committee, says Hite will speak at 8 p.m. in the College-Alumni Union cafeteria. Admission will be \$2 for RIT students, \$3 for others.

Hite, author of *The Hite Report: A Nationwide Study of Female Sexuality* and *The Hite Report on Male Sexuality*, cancelled her visit here last Jan. 27 because of the emergency at Rochester Gas & Electric Corporation's nuclear plant near Rochester.

Hite is director of the Feminist Sexuality Project, now researching "male sexuality and the politics of private life" for a study to be published. She holds a master's degree in American history from the University of Florida and has completed course work for a Ph.D. in the history of ideas at Columbia University.

Wendy's Founder To Lecture

R. David Thomas, founder and chairman of the board of Wendy's International, Inc., will meet with students from the School of Food, Hotel and Tourism Management on Monday, March 22. After a private luncheon, Thomas will deliver an open lecture at 2:00 in room A-205 in the College of General Studies.

Davis became a millionaire at the age of 35 after successful years with the Kentucky Fried Chicken and Arthur Treacher franchises. He founded the Wendy's Old Fashioned Hamburger chain in 1969, naming it after his daughter. The company has grown to include more than 2,230 restaurants worldwide with annual sales topping \$1.4 billion.

Packaging

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Packaging Club; Rochester Area Packaging Association; and Packaging Institute, U.S.A.

The presentations will be: "Package Design and Machinery Innovations," by Fred C. Newman, director of special products, Continental Packaging Co., Stamford, Conn.; "Worldwide Concern—Packaging in Underdeveloped Nations," Jack Barton, packaging consultation specialist, Canadian Executive Services Overseas, Toronto; "Packaging Graphics—Effects on the Consumer," Richard Kane, manager of design services, Consumer Plastics Dept., Mobil Chemical Corp.; and "Packaging Materials Development," Roxanne Chatman, project manager, E.P.S. Packaging, ARCO Chemical, Philadelphia.

The program is open to all students, faculty, alumni and area professionals. For further information, call the Department of Packaging Science in the College of Applied Science and Technology, 2278, or project chairman Darren Mulvey at 482-0529.

Lottery

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that instruction sheets for housing sign-ups have been provided to all residents. Institute faculty and staff also have received housing information to accurately advise students about housing decisions. Information on housing procedures will be sent to parents in April.

Hypnotist Mapes Returns to RIT

James J. Mapes, an actor who has mastered hypnosis as a technique for personal improvement, will be on the RIT campus March 29-March 31.

He will present "PSI (referring to paranormal phenomena), a Journey into the Imagination Through Hypnosis," an audience participation show, at 8 p.m., March 29 and 30 in the College-Alumni Union cafeteria. Admission is \$2.50 for RIT students, \$3 for Rochester area college students, and \$3.50 for others.

Mapes also will conduct a seminar March 31 for which pre-registration is required. College Activities Board is sponsor of the visit.

After an acting career that included stage, television and movie roles, Mapes went to Europe in 1970 to study hypnosis. He combined his knowledge of hypnosis and his flair for showmanship in a stage hypnosis production that evolved into "PSI." He was named "Campus Entertainer of the Year" in the 1978.

Mapes is director of the New York City Hypnosis Center and works as a hypnotherapist with psychiatrists, law enforcement officials and individuals.

Task Force

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VMS Engineering Graphics Planning and Installation; Don Beil, VAX-VMS Administrative Applications Conversion and Installation; and Gordon Goodman, Microcomputing Laboratories Planning and Installation.

The group is meeting bi-weekly to review the status of the transition.