

NEWS & EVENTS

Rochester Institute of Technology

Vol. 14, No. 2, January 21, 1982

Microelectronics Engineering Program Announced

RIT's Board of Trustees approved on Monday, Jan. 18, what is believed to be the nation's first undergraduate degree program in microelectronic engineering.

"The microelectronics industry is the heart of the computer industry. RIT has an opportunity, through the development of this program, to provide a direct benefit to the nation at a time when American industry is striving to achieve a stronger share of the world market in this highly competitive and complex field," says Dr. Robert G. Quinn, RIT vice president for Academic Affairs. The new program was developed in direct response to needs expressed by several national corporations, including Texas Instruments, IBM, National Semiconductor and Eastman Kodak Co.

The new program will focus on microelectronic processing with an emphasis on photolithography, the key element in the manufacture of integrated circuitry. Integrated circuits are vital components in almost every advanced electronic product manufactured today. The shortage of qualified people to work in all aspects of the microelectronics



Checking the proposal for RIT's new undergraduate degree program are (left to right) Dr. Richard A. Kenyon, dean of the College of Engineering; John D. Hostutler, president of Rochester's Industrial Management Council and chairman of the RIT Board of Trustees' Education Committee; and Dr. Robert G. Quinn, vice president for Academic Affairs.

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Computers to Star on Teaching Effectiveness Day

"Academic Computing at RIT: Here, Now and Tomorrow," is the theme of Teaching Effectiveness Day, Tuesday, Feb. 2. More than 400 faculty and staff are expected to participate.

Teaching Effectiveness Day, a semi-annual event, is a day of interaction between faculty and staff, a day of sharing ideas on teaching methods and methods to maintain teaching excellence.

According to Dr. Robert Quinn, vice president, Academic Affairs, "This is a day when we refresh ourselves, share ideas, step back, see what we're ac-

complishing and discuss what the future holds."

The day will begin at 8:30 a.m., when coffee and tea will be served in the Fireside Lounge. At 9 a.m. Dr. Quinn will address the faculty and staff in Ingle Auditorium on the use of computers on campus and what RIT will be doing with its computer facilities and equipment in the future.

After Quinn's address, faculty and staff will offer a number of workshops on how they utilize computers in teaching. Topics for the workshops in-

clude: microcomputers, computer graphics, automated library system, computer simulations and automated writing systems. Attendance at each workshop will be limited, on a first-come, first-serve basis.

After lunch there will be additional workshops, as well as a display of microcomputers in the College-Alumni Union.

A reception at 3 p.m. in the Fireside Lounge will conclude Teaching Effectiveness Day.

Cary Exhibit Honors Bodoni

On display at the Melbert B. Cary, Jr. Library in the School of Printing is an exhibit of books printed by Giambattista Bodoni.

To announce the exhibit on the campus, Herbert H. Johnson, RIT's Melbert B. Cary, Jr. Professor of the Graphic Arts, supervised the design and production of a poster. Designed by printing student Jeffery Level, the poster used Bauer Bodoni type and an enlargement of a wood engraving of Bodoni done by Bernard Brussel-Smith in 1949.

A handsome piece, the poster is also unusual, because it was screen printed. The screen printing was done in lab facilities at the School of Printing by faculty member Robert J. Webster and his assistant Larry Pocobello.

"One of the advantages of using the screen printing process for this kind of presentation is that one gets a really intense black in for the type and at the same time preserves the fineness of the serifs," says Johnson. "Although the engraving is more than two times larger than the original, its intrinsic quality is maintained. I don't feel we lost any of the detail that's typically thought to be lost by screen printing."

Bodoni, who lived from 1740 to 1813 in Italy, was the most prolific type designer who ever lived, designing more than 400 type faces. To produce his works, Bodoni hand cut more than 30,000 steel punches and more than 50,000 copper matrices.

A contemporary of Benjamin Franklin, Bodoni treasured a letter from Franklin dated Oct. 14, 1787, in which Franklin commented on Bodoni's "Essai des Caracteres de l'Imprimerie" ("Essay on Typefaces").

Bodoni is best known for his *Manuale Tipografico*, a collection of his typefaces produced by his widow, La Vedova Bodoni, in 1818.

RIT's Bodoni exhibit is dedicated to the memory of George Salter, former calligrapher and type designer at Alfred A. Knopf, at whose home Johnson first saw an edition of Bodoni's *Manuale Tipografico*. The Cary Collection includes one of the few remaining original volumes of this work. The volume was presented to the Cary Library by the trustees of the Mary Flagler Cary Charitable Trust in honor of Professor Alexander S. Lawson.

The exhibit will be on display through Jan. 29.



"Construction 81-4," by metalsmith Gary Griffin, now on view in the College of Fine and Applied Arts "Faculty Show" at Bevier Gallery through Jan. 29.

TRANSFERS TO MICROELECTRONICS

Students who wish to transfer into the new program in microelectronic engineering should follow the existing procedure for internal transfer. Applications will not be considered pending state approval of the program.

Use for Snow! Conceptual Art

The first phase of a continuing winter snow project, "Metasomatosis: An In Situ Snow Project," began Jan. 14 in the field off Lomb Memorial Dr.

About 150 students are involved in this component of "Art Stuff," a Complementary Education grant program. Joe Jaroff, who thought of this project in conceptual art, was the leader of the first team of six, which also included: Michael Benzer, liaison to the operator of the snowplow, Matt Handy; T.J. Cavnano, photo-documentarian; Chris Ellison, recorder; and Jack Rooney, who directed the snowplow's path in sculpting the snow. Jaroff also was the weather-watcher and liaison with the press. Anyone in the area was encouraged to be a performer in effecting changing patterns in the snow.

The field of snow will undergo changes after each snowfall under a different team.

Jaroff's collaborators for the happening, will come to RIT as part of the Winter Weekend celebration.

The last event in the change will take place Feb. 13, when New York artists Tony Kosloski and Gerard Rinaldi,

NEW LOCATIONS

The Business Services Office has moved to the College-Alumni Union, Bldg. 4, Room A319. James L. Fox, director of Business Services, and Candy Fischbach, secretary to the director, can be reached at this new location. Their telephone extension is 6131.

The Office of Veterans Affairs is now located in the basement (A-level) of the College-Alumni Union next to SOS offices and across from the College Activities Board office.

"We're calling our office the Vet-skeller," says Gene Clark, director of Veterans' Affairs. Clark also points out that the office still provides the same services for veterans as it did in its previous location.

Mexican Faculty Visit Institute

Seven faculty members in the graphic arts area from the Universidad Autonoma Metropolitana in Mexico City recently visited RIT. They came to exchange ideas, learn more about RIT's graphic arts division and explore the possibility of faculty exchanges.

The visit to RIT was a result of President Rose's trip to the Mexican university in August 1981, when a general agreement was made to conduct some joint activities. This recent visit to RIT was the first such activity.

The teachers spent a good deal of their time in the areas of printing, photography, packaging and audiovisual and instructional technology. They also had a general tour of the campus, spent a day at NTID, went to Dr. Rose's home for a reception, and went shopping and skiing.

The head of the group, Luis Herrera, was a graduate printing student at RIT in 1975 and 1976.

POLICY & INFORMATION

Policy Council 1/13/82

Approved new undergraduate programs in technical photography, diagnostic medical sonography, and microelectronics.

Approved, with some alterations, most of the recommendations of the Priorities and Objectives Committee for revision in sections of the Faculty Policies and Procedures Manual pertaining to professional/career development.

Faculty Council 1/14/82

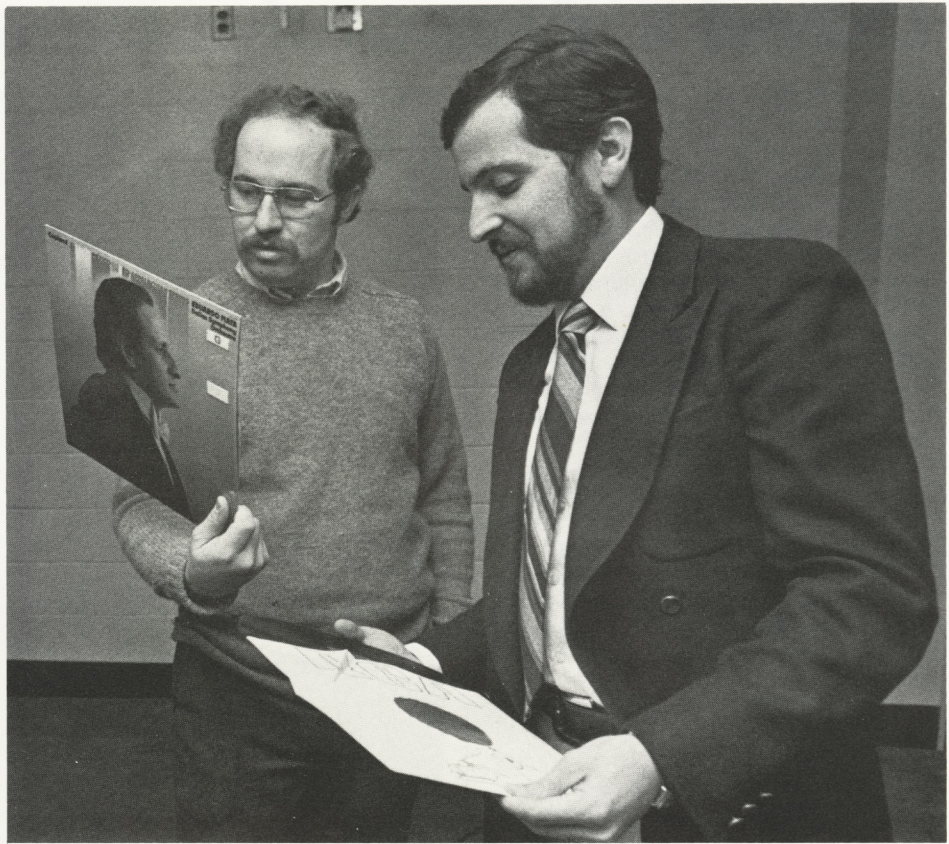
General discussion on the RIT grievance proposal of the Rights and Governance Committee.

Faculty Council meetings will be held weekly, Thursday, 1-2 p.m., for the remainder of this academic year.

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

WINTER WEEKEND

Winter Weekend will take place Feb. 12, 13 and 14. All student groups are involved in planning events that include sports events, (including a faculty/staff/student donkey basketball game), concerts, exhibits, and a Sweetheart Ball.



Luis Herrera (right), head of the group of visiting Mexican faculty, discusses background music for slide presentation with Jorge Samper, assistant media specialist, NTID.

Two Scholarships Announced

Alden Press of Chicago, a division of John Blair & Company, has announced the creation of two endowed scholarships at RIT. Each of the scholarships has been established with a \$25,000 contribution from the Alden Press.

One of the endowed scholarships, the Lowell Koenig Memorial Scholarship Fund, was established to perpetuate Koenig's interest in the industry to which he devoted his professional life. Koenig, founder of the Alden Press, died in 1975. The annual income from the endowment will provide scholarship assistance for eligible students with satisfactory academic records and demonstrated need for financial assistance who have been accepted for admission to or are enrolled in RIT's School of Printing.

The David Presco Memorial Scholarship Fund was established in memory of David Presco, a beloved key person at Alden Press who died in 1981. Income from the scholarship endowment fund will be added to the principal until sometime in 1990, when the income from the accrued amount will be used to provide scholarship assistance at RIT for

eligible students with satisfactory academic records and demonstrated financial need. Preference will be given to eligible students who are children of Alden Press employees, either living or deceased, who wish to study in any division of RIT. Other eligible recipients must be students accepted for admission to or enrolled in RIT's School of Printing.

Although neither Presco nor Koenig attended the School of Printing, Alden Press president Jerome Spier said, "We're enthusiastic about RIT's work in the graphic arts." He praised the contributions of Thomas Dworzak, a 1962 printing graduate and production manager for the Alden Press.

Presco was the son of Carmen Presco, who has been with the Alden Press since its founding. He and other members of his family and the Koenig family were honored guests at the scholarship announcement luncheon.

Alden Press is a high quality color printing firm that is among the leading catalog printers in the country. Among its current customers are Neiman-Marcus, Marshall Field and the Talbots.

David E. Alexander Dies

David E. Alexander, RIT's Outstanding Alumnus of 1980 and this year's RIT Fund chairman, died last Friday (Jan. 15) in Genesee Hospital.

A 1934 graduate of Mechanic's Institute, Alexander was president of the RIT Alumni Club of Greater Rochester and a member of RIT's National Alumni Council. He also served as a member of RIT's Board of Trustees from 1975 to 1979 and was a member of the RIT New Campus Planning Committee in 1967.

Alexander, who was 68, learned he had cancer two months ago.

"He was an individual who was completely dedicated to and involved with his alma mater. He sought out ways to be of support and assistance," said William F. Brunk, RIT senior development officer. "His passing is a loss to the Institute. He was concerned with the alumni program in particular and with the Institute as a whole."

Alexander was chief engineer for the Victor Insulator Division of I-T-E Circuit Breaker Co., which later became the Victor Insulator Division of Gould, Inc., and then Brown Bovari Electric, Inc. His research on extra high voltage resulted in new concepts in the insulation of electric lines carrying more than 500,000 volts. Alexander retired four years ago.

Services for Alexander were held Tuesday at St. Louis Roman Catholic Church in Pittsford.

He leaves his wife Ruth; daughter Alisann Collins of Springfield, Va.; son David E. Alexander, Jr., of Rochester; and six grandchildren.



DAVID E. ALEXANDER

PHOTO EXHIBIT

An exhibit of the work of Gregor Goethals, professor at the Rhode Island School of Art and Design, will be in the RIT Photo Gallery (formerly MFA Gallery) from Feb. 3-26. "TV: America's Super Symbols" provides analysis and interpretation of the values communicated by television in three broad areas: ritual, icons, and iconoclasm.

Hite to Speak

A three-week long information series for RIT students on human sexuality began last week under sponsorship of the Department of Residence Life.

Carol Rosa, assistant to the director of Residence Life, said the series will consist of talks, films, discussions, and student/administrator panels. The programs will be offered in residence halls, academic buildings and the Hettie L. Shumway Dining Commons.

Highlighting the series will be the appearance of Shere Hite, author/researcher of *The Hite Report: A Nationwide Study of Female Sexuality* and *The Hite Report: A Nationwide Study of Male Sexuality*. Co-sponsored by Residence Life and the College Activities Board, Hite will speak at 8 p.m., Wednesday, Jan. 27, in the College-Alumni Union cafeteria.

Further information about other sessions in the series can be obtained from Barb Chandler, 6450 (voice and TDD).

APPLYING TRANSACTIONAL ANALYSIS ON THE JOB

Would you like to establish more effective means of communication and improve interpersonal relationships on the job? The Staff Training & Development Office, in conjunction with Dr. Catherine Steel, director of the Counseling Center, will conduct a series of three workshops on transactional analysis. Learn about ego states, time structuring and transactions. The workshops will be held on Feb. 3, 7, and 10, from 9-11 a.m., in the College-Alumni Union, 1829 Room. To register, call Joan Cavanna, at 6956.

Poet and Playwright to Read Work

Poet and playwright Amiri Baraka (Leroi Jones) will read from his recent work next week in Ingle Auditorium. The reading, free and open to the public, will be held on Thursday, Jan. 28, at 8 p.m. It will be interpreted for the deaf.

Baraka is the author of 13 books of poetry, more than 20 produced plays, two jazz operas, and additional works of fiction and nonfiction. Among his best-known works are *Dutchman*, winner of the Obie Award for the best American play, and *Blues People*, a seminal book on Afro-American music. In addition to the Obie, Baraka has been recognized by Guggenheim, Rockefeller, Whitney, and National Endowment for the Arts fellowships. He has been editor of three anthologies and the magazines *Yegen* and *Kulcher*.

In addition to the reading in Ingle, Baraka will be in the Bookstore at 1:15

p.m. on Thursday to autograph his books. Several titles of his work will be available: *Selected Poetry of Amiri Baraka*, *Blues People: Negro Music in White America*, and *The Motion of History and Other Plays*.

According to George Butterick in *Contemporary Poets*, "LeRoi Jones (Amiri Baraka) is the leading revolutionary poet in America. Change is his consistent belief, progress his preoccupation. Every one of his books embodies such development. . . . Other poets have addressed political issues, to be sure, but what makes Baraka exceptional is that his language is equal to both his thought and his feelings. His poetry has the flexibility of syntax and deftness of diction, including vernacular richness, to deliver the message with wit, irony, all the devices of effective language, at the same time upholding the nobility of his concerns."

Ben Franklin Here Friday

Benjamin Franklin, this country's most famous printer, will be on campus tomorrow (Jan. 22) passing out special editions of *Poor Richard's Almanack*. Franklin's appearance at RIT coincides with National Printing Week, which ends Saturday.

"Bennie," as RIT's Franklin likes to be called, will spend part of the day in front of the main display cases in the Frank E. Gannett Memorial Building, where a collection of Franklin memorabilia is on exhibit.

The special edition of *Poor Richard's Almanack*, printed by newspaper production management students in RIT's newspaper lab, contains a collection of Franklin's quips and homilies.

Bennie was a featured guest at the Rochester Club of Printing House Craftsmen's banquet last Friday (Jan. 15) at which the group's annual awards for excellence in printing were presented.

The voice of RIT's Ben Franklin strongly resembles the soft southern tone of School of Printing faculty member W. Fred Craig. When asked to comment on the resemblance, Craig replied, "Early to bed, early to rise, makes a man healthy, wealthy and wise."



Endowment Funds Book Purchases

A new endowment fund, created by Ann Skalny of Hilton in memory of her parents, will be used for the purchase of books—primarily dealing with European arts and crafts—for RIT's Wallace Memorial Library.

The Louis and Nellie Skalny Memorial Book Fund was established with a \$10,000 gift from Miss Skalny. Her gift coordinates with a scholarship endowed by her brother and sister-in-law, John and Leona Skalny, for studies in the College of Fine and Applied Arts.

Louis Skalny came to this country from Poland and established the Skalny Basket Company on Pullman Ave. in Rochester. For many years the company made baskets, and eventually become a major importer of baskets from throughout the world.

Miss Ann Skalny served as treasurer of her family's business until it was sold three years ago. Through her gift she hopes to retain interest in the European craftsman heritage so important to her parents.

She is a member of the Institute's Nathaniel Rochester Society as are her brother and sister-in-law.

Corporate Changes Result of 'Critical Trends'

The period from 1960 to 1990 will be as formative an influence in the design of corporations as was the period from 1890 to 1920.

Dr. Rosabeth Moss Kanter, management consultant and Yale University management professor, told an Institute Forum series audience that "we are living in the middle of historic changes resulting from critical trends of the '80s."

Those trends, involving changes in the labor force and the population, economic environment and international trade, regulatory and social change, have mandated the restructuring of corporations, Kanter explained in her talk on "Life in Organizations."

"The assumptions underlying the organization of future corporations will be a more educated, sophisticated labor force; more complex, not-so-visible tasks; electronic and biological technologies and a universe of systems; unstable and fluid markets and supplies;



Dr. Mary Sullivan, dean of the College of General Studies (left), greets Dr. Rosabeth Moss Kanter at the luncheon for RIT deans and directors preceding Kanter's talk, "Life in Organizations."

Phone Book Additions

The following additions and corrections should be made in the Institute telephone book. If you have an addition or correction, send it to the Communications Department, Phone Directory, 01-4000.

Alley, George	Food Administration	-2867
Brainard, Sally	T & E Center, A016	-2160
Brenner, Barbara	Industrial Engrg.	-6691
Cuthbertson, Barb	ISC, 10-A292 (also p. 6)	-6932
Hodik, Barbara J.	Inst. Dev., 05	-2240
Kehm, Mary Ann	Social Work Sup. Team, 12	-6500
Kulp, Kathleen	ISC, 10-A290	-6929
Miller (Marean), Patricia	Residence Life	-6977
RIT Philharmonia		-2014 or 2444
Rinehart, Richard	CCJCR, 01-2200	-2001
Scott, Wendy	Hearing Aid Shop Tech.	-6473
Tydings, Jeanette	NTID, Tech. Math	-6478 (voice and TTY)
Valvano, Joseph	Residence Life	-6979
Weeks, Robert C.	ISC, 10-A2967 (also p. 6)	-6970

Division of Performing Arts

Halverson, Bruce	Director, 60-1845	-6253
DeRoller, Joanne	Secretary, 60-1843	-6250
Box Office	NTID Theatre, 60-1849	-6254 (voice or TTY)
Cushman, Jerome	NTID Theatre, 60-1832	-6229
DeRoller, Joanne	NTID Theatre, 60-1843	-6250
Frawley, Patricia	NTID Theatre, 60-1828	-6252
Galligan, Susan	NTID Theatre, 60-1776	-6247
Graybill, Patrick	NTID Theatre, 60-1828	-6252 (voice or TTY)
Halverson, Bruce	NTID Theatre, 60-1845	-6253
Johnston, Paul	NTID Theatre, 60-1847	-6251 & -6254 (TTY)
Kenney, Raymond	NTID Theatre, 60-1776	-6247 (voice or TTY)
Pratt, Robert	NTID Theatre, 60-1841	-6249
Toothman, Timothy	NTID Theatre, 60-1847	-6251

RIT Grad/Author To Lecture

Christopher Phillips, author of *Steichen at War*, will lecture tonight (Jan. 21) at 8 p.m. in Room A-205, College of General Studies.

Phillips began his work on Steichen as his graduate thesis in the MFA photography program. The work was published this fall by Harry N. Abrams. The *New York Times Book Review* selected Phillips' work as one of the best photographic books of the holiday book-giving season.

During his lecture, Phillips, who is now a photographer in Princeton, N.J., will focus on how photography was used as a motivating force during a time of national crises.

Tomorrow morning Phillips will meet with MFA photography students to continue discussion of his book and to explain the process of putting together a photographic book.

Congressmen Address Classes

Congressmen Barber B. Conable and Frank Horton spoke to political science classes Jan. 14 and 15 in the College of General Studies.

Lecturer Paul Ferber's students in Legislative Process classes heard Conable describe the congressional committee system and how it works in the drafting and passage of laws.

Horton spoke on lobbying, pointing out both the advantages of this type of pressure group in bringing issues to congressional attention and the disadvantages of a too-powerful lobby influencing legislation. Both congressmen answered students' questions after their presentations.

CAB Seeks Student

College Activities Board (CAB) is seeking students to fill 11 positions on the board for the 1982-83 academic year.

Applications for the positions are available in the CAB office, College-Alumni Union basement, and must be submitted by Wednesday, Feb. 3, according to Steve Hutnick, vice chairman.

Positions to be filled are cinema arts director (Talisman); directors of recreation, cultural events, social activities, concerts, public relations, publicity and finances; business manager; and two representatives at large.

Institute Forum

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and blurred lines between management and worker" she continued.

The design must take "people" into account, Kanter emphasized. Optimistic about changes in corporate structure, she noted that the design "must fit organization to needs and allow opportunities to tap people's problem-solving abilities and get problems solved."

Corporate technology, values and people create the shape of the organization, Kanter stated.

What about women in the corporation? "Women must gain respect by pushing for performance on the job. Women who solve problems must learn how to make people not resent them for doing their job." Kanter's hope for change rests on "the new generation of people" who respect their co-workers, whether male or female.

The next Institute Forum lecture will take place March 18, when Dr. Helen Caldicott will speak on "Nuclear Madness."

LOMB LUNCHEONS

Mon., Jan. 25	New England Boiled Dinner (the whole thing!), Fancy Fruit Cup, or Chef Salad, Cracker Assortment
Tues., Jan. 26	Haddock Cheese Bake, Spinach and Mushroom Salad, Crescent Roll, or Soup & Roast Sirloin of Beef, French Dip, Chocolate Amaretto Mousse
Wed., Jan. 27	Chinese Style Beef and Broccoli, Rice, Lettuce and Spinach Salad, Anise Pear Compote, or Egg Drop Soup, Almond Chicken Salad with Egg Roll appetizer
Thurs., Jan. 28	Seafood Newburg, White and Wild Rice, Snow Peas with Almonds, or Soup & Italian Style Pocket Sandwich, Fruit Cup

Lomb Luncheons are served from noon to 1 p.m. in the Henry Lomb Room, fourth floor, Administration Building; cost is \$2.50. For reservations, call 2351.

PROFILE

From Stage to Cage and Still Juggling

Keeping track of the multitude of athletic equipment and recreational supplies at RIT requires the skill of a juggler, and Greg Moss is clearly the right man for the job.

In his role as supervisor of the athletic equipment center, Moss, (who is, by the way, a professional juggler), provides a service that reaches every facet of the Institute community. Located in the basement of the physical education and athletics complex, the center controls the loan of athletic and recreational equipment, locker and towel rental service and maintenance and storage of athletic team equipment, and provides a lost-and-found service.

"Recreation is very popular today," says Moss. "Participation is on an increase, and we're growing to meet those needs and interests." The center has a large inventory, coordinated by Moss and a staff of student employees. In addition to what might be considered the normal stockpile of equipment, the center offers special items such as jarts, frisbees, tug-of-war ropes and volleyball sets.

"Supplies for organizational picnics are the most popular," says Moss. "All of the items are here for use by Institute personnel. All it takes is a valid ID card."

In addition to running the center, Moss coordinates student employment for the departments of Intercollegiate Athletics and Physical Education, Recreation and Intramurals and supervises student security for the complex. He also assigns all lockers within the area, keeps an eye on the inventory and oversees maintenance and repair of recreational and athletic equipment within the departments.

Moss took over the equipment center duties in the fall of 1980, but he came to RIT in 1976 to initiate a course of instruction in juggling as part of the physical education program. Since its inception Moss has guided more than 2,000 students through the perils and pitfalls of tossing everything and anything. "Two of my students have gone on to juggle professionally," he says. "Anyone can learn the basics of juggling with practice."

His own initiation into the art of juggling came as a sophomore at Oneonta State. He volunteered to try it in a class and, as he puts it, "I haven't been the



GREG MOSS

same since." He began practicing on his own and, by the following spring, was entertaining in the student talent shows.

When he graduated from Oneonta State in 1973, he had the juggling bug and decided to try it professionally. Moss has played nightclubs and the college circuit and was part of the DeLion Magic Show for four years, appearing weekends at a local steak house. When things were slow in the juggling business, he doubled as a landscaper. "Landscaping was a lonely kind of work" for him, however.

Moss admits that he can't recommend juggling as a profession, either. "It's a rough racket with a lot of travel." And there are a lot of hazards that go along with the job. Moss recalls the time he was juggling torches. "I brushed a torch against my pants and didn't realize anything was wrong until someone in the audience yelled that my pants were on fire."

Another time, juggling lighted balls in the dark, "I couldn't see where I was and fell off the stage. One of the balls flew into the audience and I never did find it."

Moss vividly remembers another crash landing while juggling on a giraffe unicycle. Practicing on the street, Moss hit a pothole and spent three months

with his thumb in a cast. The next day he sold the unicycle. He hasn't given up juggling, though. He continues to perform and teaches evenings and weekends.

He is a member of the International Jugglers Association and has served for two years as championship director for the annual convention each summer, when a good share of the 800 members gather for competition and information sharing.

Moss grew up in Rochester and attended McQuaid Jesuit High School, starring in cross country, track and basketball. He was a City-Catholic record-holder in the long jump and went to Holy Cross on an athletic and academic scholarship before transferring to Oneonta State.

Of his role as supervisor of the athletic equipment center Moss says, "We're constantly dealing with people, which is what I enjoy most. Our job at the center is to help everyone—faculty, staff and students. We try to respond to a variety of needs and appreciate it when we receive a compliment."

The center operates from 8 a.m. to 10 p.m., Monday through Friday, and Saturday and Sunday from noon to 4 p.m. During winter quarter the facility is also open from 7 to 10 p.m., Sunday.



Microelectronics

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manufacturing process is a major factor limiting United States efforts to compete with Japan in this field. Graduates of the new RIT program in microelectronic engineering will be prepared to enter the industry immediately after graduation.

RIT is the only university in the country that teaches both undergraduate and graduate degree programs in photo-science, an essential component of the microelectronic manufacturing process. The Institute also has strong programs in electrical engineering and science, both required in microelectronics education.

"I see this as but the first step in the continuing development of related academic programs and research activities" says Dr. Richard A. Kenyon, dean of the College of Engineering. "I expect to see in the not too distant future the development of graduate study through the master's degree and a significant enhancement of research that will contribute to the attraction of high technology industry to the area," Kenyon adds.

The new five-year program will lead to the bachelor of science degree in engineering and will be a joint offering

of the colleges of Engineering, Graphic Arts and Photography, and Science.

The Institute has worked closely with many U.S. companies in the microelectronics industry in planning the new curriculum.

Microelectronics companies that participated in a curriculum planning meeting on the RIT campus last fall included A.M.I., Texas Instruments, IBM, National Semiconductor, Motorola, Fairchild, Eastman Kodak., and Xerox Corp.

The close association between the semiconductor industry and this new RIT degree program will continue as RIT looks to industry for donation of highly sophisticated instrumentation as well as for direct financial support. These Industrial Affiliates in Microelectronics will maintain close ties with faculty and students, and many of the students may ultimately be employed by the Industrial Affiliates as co-ops and later as graduates.

Much of the early developmental work for the program was accomplished with the assistance of a grant from Texas Instruments to the Institute in 1980. The grant allowed Dr. Roger E. Heintz, associate professor of electrical engineering, to spend two quarters visiting

microelectronic manufacturing facilities to gain an understanding of the needs of the industry. Heintz's findings confirmed that there is immediate need for some 400 more engineers in microelectronics every year. Companies now have to invest between one and two years to train new employees. Graduates of the RIT program would be prepared to enter supervisory positions after a short on-site training period or to continue on to graduate school.

In June 1981, a Microelectronic Task Force was created at RIT by the deans of the College of Engineering, Graphic Arts and Photography, Applied Science and Technology, and Science. The task force consists of Heintz as chairman; Dr. Ronald Francis, chairman of the Photographic Science and Instrumentation Division; Dr. Hrishikesh Banerjee, director of the Materials Science Program; and Thomas V. Young of Electrical Engineering Technology.

The next step in the process is to submit the curriculum to the New York State Education Dept. for registration. Pending approval by the State Education Dept., RIT officials hope to admit the first students into the program in September 1982.

STUDENT VOLUNTEERS

Beat the winter blahs—volunteer! Community Services has many service-learning opportunities available for individual or groups of students. Individual placements include tutoring children, visiting a nursing home, or teaching arts and crafts. Groups are needed to plan and implement activities for groups of underprivileged children, senior citizens, or needy adults. These are just a small sampling of the various areas needing volunteers.

For more information contact Helen McCabe, Community Services, room 2278 in the College-Alumni Union, or call 6935.

A Dean's Eye View of the Institute Thurs., Jan. 28

Direction of the College of Continuing Education in the '80s, Dean Robert Clark
Computer Literacy and the Non-Computer Science Faculty, Dean Dennis Nystrom
Noon-1:15 p.m., Room A-100, Wallace Memorial Library

SWIMMING CHANGES

The following changes have been made for recreational swimming hours because of scheduled varsity swim meets:

Thurs., Jan. 21	No rec. swim, 7:30-9:30 p.m.
Sat., Jan. 23	Rec. swim, 3-6 p.m. & 7-9 p.m.
Sat., Jan. 30	Rec. swim, 3-6 p.m. & 7-9 p.m.
Mon., Feb. 1	No rec. swim, 7:30-9:30 p.m.
Tues., Feb. 2	No rec. swim, 7:30-9:30 p.m.
Wed., Feb. 3	No rec. swim, 7:30-9:30 p.m.
Sat., Feb. 6	Rec. swim, 4-6 & 7-9 p.m.
Fri., Feb. 19	No rec. swim, 7:30-9:30 p.m.